	Per	mittee:	Cooper Tire & Rubber Company	Tracking Number: ARR15	6771
1			Cooper Tire and Rubber Company	Location of SWPPP on-site:	
			Texarkana		Saline RiverRed River
Troje	Descr	intion.	manufacturing building expansion	HUC:	
	Desci	iption.	manufacturing building expansion	nec.	11140107
Yes	No		Stream Review		Notes
Tes	X		Located withn a losing stream area (include NOC language)		11025
	X		Located on geological fractures/karts features (red or dark orange karst vulnerability)?		
	X		Located on geological fractures/karts features (fed of dark orange kars) vulnerability)? Located within one (1) mile of an ESW, ERW, NSW, 303 (d) list, TMDL for turbidity?		
Vac					
Yes	No		Application Review	1 . 1. 6 6	,
X			Does the permittee legal name match the Sec. of State and do you have a certification of g	good standing from state of orgin	
X			Does the application include the permit fee?		
		X	Does the applicant have the proper STAA/401 Certification?		
Yes =	Comple	ete			
No = 1	Incomp	olete/De	ficient		
N/A =	Not ap	plicable	e to project		
Yes	No	N/A	A. A site description, including:	Permit Section Citation	Notes
X			1. Project description, intended use after NOI is filed	Part II.A.4.A.1	
			2. Sequence of major activities	Part II.A.4.A.2	
X	1				
X			3. Total & disturbed acreage	Part II.A.4.A.3	
X			4. Pre- and post-construction runoff coefficient OR soil/discharge data	Part II.A.4.A.4	
X			B. Responsible Parties: All parties dealing with the SWPPP and the areas they are	Part II.A.4.B	
			C. Receiving Water.	Part II.A.4.C	
X			-MS4 Name	Part II.A.4.C	
X			-Ultimate Receiving Water	Part II.A.4.C	
				-	
			D. Documentation of permit eligibility related to Impaired Water Bodies and Total	Maximum Daily Loads (TMD	Ls).
			1. Identify pollutant on 303(d) list or TMDL	Part II.A.4.D.1	23).
				Part II.A.4.D.2	
			2. Is construction activity or the specific site listed as cause?		
		X	3. Measures taken to reduce pollutants from the site.	Part II.A.4.D.3	
-					
X			E. Attainment of Water Quality Standards After Authorization.	Part II.A.4.E	
1					
X			F. Site Map See End of Evaluation Form	Part II.A.4.F	
			G. Description of Controls:		
			Erosion and sediment controls, including:		
X			a. Initial site stabilization	Part II.A.4.G.1.a	
X			b. Erosion and sediment controls	Part II.A.4.G.1.b	
X			c. Replacement of inadequate controls	Part II.A.4.G.1.c	
			*		
X			d. Removal of off-site accumulations	Part II.A.4.G.1.d	
X			e. Maintenance of sediment traps/basins @ 50% capacity	Part II.A.4.G.1.e	
X			f. Litter, construction debris and chemicals properly handled	Part II.A.4.G.1.f	
		X	g. Off-site storage areas and controls	Part II.A.4.G.1.g	
			2. Stabilization practices:		
X			a. Description and schedule for stabilization	Part II.A.4.G.2.a	
			b. Description of buffer areas	Part II.A.4.G.2.b	
x	†		c. Records of stabilization	Part II.A.4.G.2.c	
X	1		d. Deadlines for stabilization	Part II.A.4.G.2.d	X
4.3		I	a. Douannes for sutometation	I are III I I I I I I I I I I I I I I I I I	*
			3. Structural Practices:		
	1	1	5. Structural Fractices.		
			Describe structural resortions to discort flows at a flower than 1500 cm.	Port II A 4 C 2	
X			-Describe structural practices to divert flows, store flows, or otherwise limit runoff	Part II.A.4.G.3	
			a. Sediment basins	Part II.A.4.G.3.a.1	
			-Are more than 10 acres draining to a common point? If so, are sediment basins		
x			included?	Part II.A.4.G.3.a.1	
X			-Sediment basin dimensions and capacity description and calculations	Part II.A.4.G.3.a.1	
		х	-If a basin wasn't practicable, are other controls sufficient?	Part II.A.4.G.3.a.1	
X			b. Velocity dissipation devices concentrated flow from 2 or more acres	Part II.A.4.G.3.b	
-	<u> </u>	1			
			H. Other controls including:		
v	1		1. Solid waste control measures	Part II.A.4.H.1	
X	 	-			
X	 		2. Vehicle off-site tracking controls	Part II.A.4.H.2	
X	<u> </u>		3. Compliance with sanitary waste disposal	Part II.A.4.H.4	
X			4. Does the site have a concrete washout area controls?	Part II.A.4.H.5	
			5. Does the site have fuel storage areas, hazardous waste storage and/or truck wash areas		
X			controls?	Part II.A.4.H.6	
	-			Permit Section Citation	

	Don	mittoo	Cooper Tire & Rubber Company	Tracking Number: ADD15	6771	
			Cooper Tire & Rubber Company Cooper Tire and Rubber Company	Tracking Number: ARR15 Location of SWPPP on-site:		
			Texarkana		Saline RiverRed River	
rroje			manufacturing building expansion	HUC:		100
	Desci	ipuon.	manufacturing building expansion	nec.	11140	10)
Yes	No		Stream Review		Notes	
100	X	1	Located withn a losing stream area (include NOC language)		11010	
	X	Ī	Located on geological fractures/karts features (red or dark orange karst vulnerability)?	•		
	X	Ī	Located within one (1) mile of an ESW, ERW, NSW, 303 (d) list, TMDL for turbidity			
Yes	No	N/A	Application Review			
X			Does the permittee legal name match the Sec. of State and do you have a certification	of good standing from state of orgin		
X			Does the application include the permit fee?			
		X	Does the applicant have the proper STAA/401 Certification?			
Yes =	Comple	ete				
No =	Incomp	olete/De	ficient			
N/A =	Not ap	plicable	e to project			
		1	.			
X			I. Identification of allowable non-storm water discharges	Part II.A.4.I		
X			-Appropriate controls for dewatering, if present	Part I.B.12.C		
1			7- m	D . W . 4 Y		
X	<u> </u>		J. Post construction stormwater management.	Part II.A.4.J		
	1	ı	Tr. C(4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	David H.A. A.W.		
X			K. State or local requirements incorporated into the plan.	Part II.A.4.K		
			T T			
	1	1	L. Inspections	Dowt H A 4 L 1		
X		l	1. Inspection frequency listed? 2. Inspection form	Part II.A.4.L.1 Part II.A.4.L.2		
X	1	1	2. hispection form Ours.	Part II.A.4.L.2		
А	l .	J.	If not ours, does it contain the following items:			
	1	х	a. Inspector name and title	Part II.A.4.L.2.a		
		X	b. Date of inspection.	Part II.A.4.L.2.b		
		X	c. Amount of rainfall and days since last rain event (14 day only)	Part II.A.4.L.2.c		
		X	d. Approx beginning and duration of storm event	Part II.A.4.L.2.d		
		X	e. Description of any discharges during inspection	Part II.A.4.L.2.e		
		X	f. Locations of discharges of sediment/other pollutants	Part II.A.4.L.2.f		
		X	g. BMPs in need of maintenance	Part II.A.4.L.2.g		
		X	h. BMPs in working order, if maintenance needed (scheduled and completed)	Part II.A.4.L.2.h		
		x	i. Locations that are in need of additional controls	Part II.A.4.L.2.i		_
		X	j. Location and dates when major construction activities begin, occur or cease	Part II.A.4.L.2.j		
		х	k. Signature of responsible/cognizant official	Part II.A.4.L.2.k		
X			3. Inspection Records	Part II.A.4.L.3		
X			4. Winter Conditions	Part II.A.4.L.4		
X			5. Adverse Weather Conditions	Part II.A.4.L.5		
X			M. Maintenance Procedures	Part II.A.4.M		
X			N. Employee Training	Part II.A.4.N		
			7			
X			Signed Plan Certification	Part II.A.7. and Part II.B.10		
			F. Site Map showing:			
X			1. Pre-construction topographic view	Part II.A.4.F.1		
X			2. Drainage flow	Part II.A.4.F.2		
X			3. Approximate slopes after grading activities	Part II.A.4.F.2		
X	 		4. Areas of soil disturbance and areas not disturbed	Part II.A.4.F.3		
	1	<u> </u>	5. Location of major structural and non-structural controls.	Part II.A.4.F.4		
X	-		6. Location of main construction entrance and exit.	Part II.A.4.F.5		
X	 	v	7. Areas where stabilization practices are expected to occur.	Part II.A.4.F.6		
	1	X	8. Locations of off-site materials, waste, borrow area or storage area.	Part II.A.4.F.7		
X	1		9. Locations of areas used for concrete wash-out.	Part II.A.4.F.8		
	1		10. Locations of surface waters on site.	Part II.A.4.F.9		
X	1		11. Locations where water is discharged to a surface water or MS4.	Part II.A.4.F.10		
X	-		12. Storm water discharge locations.	Part II.A.4.F.11		
		X	13. Areas where final stabilization has been accomplished.	Part II.A.4.F.12		

From: <u>Valbuena, Rodrigo</u>
To: <u>Water Permit Application</u>

Cc: <u>0200008200@projectmail.ssoe.com</u>

Subject: SWPPP / NOI Application for Cooper Tire Expansion, Texarkana, AR

Date: Tuesday, September 8, 2020 11:22:20 AM

Greetings,

As a representative of Cooper Tire and Rubber, Texarkana, AR, I am submitting the SWPPP and the NOI for the future project that will take place on Cooper Tire's property, seeking for a general stormwater permit.

Please let me know if there are any questions.

Regards,

Rodrigo L. Valbuena, PE

Assistant Project Manager

SSOE Group

- +1.205.397.2309 direct
- +1.205.317.5141 mobile
- +1.205.323.2373 x8732309

rvalbuena@ssoe.com

Batteries Included. SSOE is a top-ranked provider of design for the advanced technology, chemical, and automotive markets. Learn how we leverage this unique combination of expertise to bring a holistic design perspective to the growing lithium ion battery manufacturing market, <u>click here</u>.

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Arkansas Department of Environmental Quality Permits Branch, Water Division **5301 Northshore Drive** North Little Rock, AR 72118

(501) 682-0623

NOTICE OF INTENT FOR DISCHARGERS OF STORMWATER RUNOFF

ASSOCIATED WITH LARGE CONSTRUCTION ACTIVITY

AUTHORIZED UNDER NPDES GENERAL P	ERMIT ARR150000	
Application Type: New ☐ Renewal ☐ (Permit Tracking Nu I. PERMITTEE/OPERATOR INFORMATION	mber ARR()	
Permittee (Legal Name): Cooper Tire and Rubber Company Inc	Opera	tor Type:
Permittee Mailing Address: 900 Lima Ave	STATE	☐ PARTNERSHIP
Permittee City: Findlay	FEDERAL	X CORPORATION*
Permittee State: Ohio Zip: 45840	SOLE PROPRIE	ETORSHIP
Permittee Telephone Number: (870) 773-4502	☐ PUBLIC	OTHER
Permittee Fax Number	_	
Permittee E-mail Address * The legal name of the Permittee must be identical to the name listed with the Arkansas Secretary of S	*State of Incorporati	ion: Ohio
II. INVOICE MAILING INFORMATION		
Invoice Contact Person: Craig Lloyd	City: Texarkana	
Invoice Mailing Company: Cooper Tire and Rubber Company Inc	State: Arkansas	Zip: Arkansas
Invoice Mailing Address: 3500 Washington St,	Telephone: <u>(870) 773-45</u>	502
Texarkana, AR 71854		
III. FACILITY/PROJECT CONSTRUCTION SITE INFORMATION	1 acre = 43,560 squa	re feet
Project Name: Cooper Tire and Rubber Company Conta	act Person: Craig Lloyd	
Project County: Miller County Project Physica	al Address: 3500 Washing	ton St.
Directions to the Project: 1-49 S to E 9th St. Then East on Pr	roject City: <u>Texarkana, AF</u>	Zip: 71854
	ne Number: (870) 773-450	2
J	nount of soil to be disturbed stimate to nearest 1/2 acre):	20.5 AC
Project Estimated	Total Project Acreage Estimate to nearest ½ acre):	
Project Latitude: 33 degrees 25 minutes 1	15.96 seconds	
Project Longitude: 94 degrees 0 minutes	4.68 seconds	
Type of Project: Subdivision School X Other: Manufa	acturing Building Expansio	on
Is the Project part of a larger common plan of development or sale? Yes	□ No 🗵	
Linear Project Starting Coordinates (if applicable): Linear Proj	ject Ending Coordinates (if a	pplicable):
Latitude:°' Longitude:°' Latitude:	°,, Longitude:	

Arkansas Department of Environmental Quality Permits Branch, Water Division 5301 Northshore Drive North Little Rock, AR 72118 (501) 682-0623

IV. DISCHARGE INFORMATION Name of Receiving Stream (i.e. an unnamed tributary of Mill Creek, thence into Mill Creek; thence into Arkansas River): Un-named intermittent stream draining to Nix Creek, not listed Choose Your Ultimate Receiving Stream: Red River X Ouachita River Arkansas River White River St. Francis River Mississippi River П Name of Receiving Municipal Storm Sewer System (If applicable): City of Texarkana, AR Will you be conducting any in-stream or wetted area activities (i.e. re-routing, trenching, stabilizing, sloping, etc.)? Yes X No If yes, have you obtained an approval for a Short Term Activity Authorization (STAA) from the Department? Yes No Is the stream or wetted area considered "Waters of the United States"? Yes X No If yes, have you obtained a 404 permit from the U.S. Army Corps of Engineers? Yes No For information regarding what constitutes "Waters of the United States" please contact the U.S. Army Corps of Engineers, Regulatory Division in the District in which the activity is to take place. Below is the contact information for the three U.S. Army Corps of Engineers Districts in the State: Little Rock District Ph: (501) 324-5295, CESWL-Regulatory@usace.army.mil Vicksburg District: Ph: (601) 631-7071, regulatory@usace.army.mil Memphis District: Ph: (901) 544-3471, MemphisPAO@usace.army.mil FACILITY/SITE PERMIT INFORMATION NPDES Individual Permit Number (If Applicable): AR00 NPDES General Permit Number (If Applicable): ARG NPDES General Industrial Stormwater Permit Number (If Applicable): ARR00 NPDES General Construction Stormwater Permit Number (If Applicable): ARR15 0000 VI. OTHER INFORMATION: Location of SWPPP on the Construction Site: Construction Trailer Consultant Company: SSOE Group Consultant Contact Name: John Marsh Consultant Email Address: JMarsh@ssoe.com 43604 Consultant Address: City: Toledo State: Ohio Zip: 1001 Madison, Ave Consultant Fax 419.255.3830 Consultant Phone Number: Number:

Arkansas Department of Environmental Quality Permits Branch, Water Division 5301 Northshore Drive North Little Rock, AR 72118

(501) 682-0623

VII. CERTIFICATION OF OPERATOR

"I certify that, if this facility is a corporation, it is registered with the Secretary of State of Arkansas. Please provide the full name of corporation if different than that listed in Section I above."

"I certify that as a whole the stormwater discharge(s), and the construction and implementation of Best Management Practices (BMP's) to control stormwater runoff, are not likely to adversely affect species of critical habitat for a listed species."

"I certify that a stormwater pollution prevention plan has been prepared for this facility in accordance with Part II.A of this permit, which provides for, or will provide for, compliance with local sediment and erosion plans, local stormwater permits or stormwater management plans, in accordance with Part II.A.4.c of this permit."

"I certify that the cognizant official designated in Part VIII of this Notice of Intent is qualified to act as a duly authorized representative under the provisions of 40 CFR 122.22(b). If no cognizant official has been designated, I understand that the Department will accept reports signed by the applicant"

"I certify under penalty of law that this document and all attachments such as Inspection Form were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Responsible Official Printed Name: James C. Lloyd	Title	: Plant Engineer
Responsible Official Signature:	Date	1/1/20
VIII. COGNIZANT OFFICIAL		
Cognizant Official Printed Name: Tames C. Lloyd		Title: <u>Plant Engtheer</u> elephone: 870-779-4274
Cognizant Official Signature:	Те	lephone: 870-779-4274
IX. PERMIT REQUIREMENT VERIFICATION		
Please check the following to verify completion of permit requirements.		
	Yes	No*
Submittal of Complete NOI?	X	
Submittal of Required Permit Fee?	X	
Check Number:		
Complete SWPPP?	X	
* If you answer No to any of the above questions, then a permit can	not be	issued!

State Of Delaware

Entity Details

9/28/2020 2:37:44PM

File Number: 279319 Incorporation Date / Formation Date: 3/26/1930

Entity Name: COOPER TIRE & RUBBER COMPANY

Entity Kind: Corporation Entity Type: General

Residency: Domestic State: DELAWARE

Status: Good Standing Status Date: 6/22/2020

Registered Agent Information

Name: THE CORPORATION TRUST COMPANY

Address: CORPORATION TRUST CENTER 1209 ORANGE ST

City: WILMINGTON Country:

State: DE Postal Code: 19801

Phone: 302-658-7581





U.S. ARMY CORPS OF ENGINEERS, VICKSBURG DISTRICT 4155 CLAY STREET VICKSBURG, MISSISSIPPI 39183-3435

August 10, 2020

Operations Division

SUBJECT: Jurisdictional Determination – Proposed Expansion of Cooper Tire and Rubber Company, Miller County, Arkansas

Ms. Mary Motte Fikri Senior Scientist 3800 Ezelle Road, Suite 100 Nashville, Tennesee, 37211

Dear Ms. Fikri:

I refer to your inquiry requesting a jurisdictional determination for the subject property pursuant to the Navigable Waters Protection Rule (NWPR). The property is located in sections 27 and 28, T15S-R28W, Miller County, Arkansas (enclosure 1).

Based upon the information obtained in the field and the NWPR, we have determined that a Department of the Army Section 404 permit will not be required for the proposed work, since the project site is not located in jurisdictional wetlands or other waters of the United States. For your information, I have enclosed a copy of the basis of our determination (enclosure 2) and appeals form (enclosure 3).

This approved jurisdictional determination is valid for a period not to exceed five years from the date of this letter unless superseded by law or regulation. If the proposed work is not completed by this time, or if project plans change, you should contact this office for a reevaluation of permit requirements and refer to Identification No. MVK-2020-220, when submitting the information.

This determination of Department of the Army regulatory requirements does not convey any property rights, either in real estate or material or any exclusive privileges, and does not authorize any injury to property or invasion of rights or local laws or regulations, or obviate the requirement to obtain State or local assent required by law for the activity discussed herein.

The decision regarding this action is based on information found in the administrative record, which documents the District's decision-making process, the basis for the decision, and the final decision.

If we may be of any further assistance in this matter, please contact Mr. William Pigott, of this office, telephone (601) 631-7239, or e-mail address: William.L.Pigott@usace.army.mil.

Sincerely,

Charles R. Allred, Jr. Chief, Enforcement Section Regulatory Branch

Enclosures

Stormwater Pollution Prevention Plan (SWPPP) for Construction Activity for Large Construction Sites

National Pollutant Discharge Elimination System (NPDES) General Permit # ARR150000

Prepared for:

Cooper Tire and Rubber Company, Inc. 900 Lima Ave Findlay, OH 45840

Date:

September 2, 2020 Revised 9-30-2020

Prepared by:

John Marsh SSOE Group 1001 Madison Ave. Toledo, OH 43604

			and Rubber Compan		
Projec	t Name	and Location: 3500 Washin	ngton St, Texarkana, 29400 28-15S-28W	AR 71854	
rope	rty Parc	.003 el Number (<i>Optional</i>): <u></u>			
_					
Opera	tor Nan	ne and Address:			
A.	Site De	escription			
	a.	Project description, intend			
				relocation of gravel trailer lot	
	b.	Sequence of major activities			
				d relocation of gravel trailer lot	
		Total Area: 194.0 AC Soils Information:	Disturbed Area	: 20.5 AC	
	u.	i. Runoff Coefficient	Pre-Construction (See Annendix A) · 0.54	
			•	(See Appendix A) :	
				discharge from the site: Sacul fine	sandy loam
В.	Respo	nsible Parties	. , ,	Sawyer silt	loam
				Service Provided for SWPPP (i.e.,	
	Individ	lual/Company	Phone Number	Inspector, SWPPP revisions,	
				Stabilization Activities, BMP	
	Craig L	loyd / Cooper Tire	903.748.8715	Maintenance, etc.) Owner	_
		larsh / SSOE	567.218.2404	Engineer	_
					_
C	Docoiv	ing Mators			
C.	a.	ing Waters The following waterbody	(or waterhodies) re	eceives stormwater from this	
	a.	= -		am draining to Nix Creek, not listed	
	b.	Is the project located with			
		i. If yes, Name of MS	-	_ _	
	C.	Ultimate Receiving Water			
		X Red River		White River	
		Ouachita River		St. Francis River	
		Arkansas River		Mississippi River	

D.	Docun	nentatio	on of Permit Eligibility Related to the 303(d) list and Total Maximum Daily
	Loads	(TMDL)	(http://www.adeq.state.ar.us/water/branch planning/default.htm)
	a.	Does t	he stormwater enter a waterbody on the 303(d) list or with an approved
		TMDL?	? Yes XNo
	b.	If yes:	
		i.	Waterbody identified on 303(d) list:
		ii.	Pollutant addressed on 303(d) list or TMDL:
		iii.	This specific project or generally construction activity is identified on
			303(d) list or associated assumptions and allocations identified in the
			TMDL for the discharge: Yes No
		iv.	Additional controls implemented:
			
E.	Attain	ment of	Water Quality Standards After Authorization
	a.		ermittee must select, install, implement, and maintain BMPs at the
		constr	uction site that minimize pollutants in the discharge as necessary to meet
		applica	able water quality standards. In general, except in situations explained
		below,	the SWPPP developed, implemented, and updated to be considered as
		stringe	ent as necessary to ensure that the discharges do not cause or contribute
		to an e	excursion above any applicable water quality standard.
	b.	At any	time after authorization, the Department may determine that the
		storm	water discharges may cause, have reasonable potential to cause, or
		contrik	oute to an excursion above any applicable water quality standard. If such a
		detern	nination is made, the Department will require the permittee to:
		i.	Develop a supplemental BMP action plan describing SWPPP modifications
			to address adequately the identified water quality concerns and submit
			valid and verifiable data and information that are representative of
			ambient conditions and indicate that the receiving water is attaining
			water quality standards; or
		ii.	Cease discharges of pollutants from construction activity and submit an
			individual permit application.
	I unde	rstand a	and agree to follow the above text regarding the attainment of water
	quality	/ standa	rds after authorization. X Yes No
_	Ci+o M	an Pogu	viraments (Attach Site Man):

F. Site Map Requirements (Attach Site Map):

a. Pre-construction topographic view; CS-100

- b. Direction of stormwater flow (i.e., use arrows to show which direction stormwater will flow) and approximate slopes anticipated after grading activities;
 CS-200
- c. Delineate on the site map areas of soil disturbance and areas that will not be disturbed under the coverage of this permit; CS-200
- d. Location of major structural and nonstructural controls identified in the plan; CS-200
- e. Location of main construction entrance and exit; CS-200
- f. Location where stabilization practices are expected to occur; CS-200
- g. Locations of off-site materials, waste, borrow area, or equipment storage area; CS-200
- h. Location of areas used for concrete wash-out; CS-200
- i. Location of all surface water bodies (including wetlands); CS-200
- j. Locations where stormwater is discharged to a surface water and/or municipal separate storm sewer system if applicable, CS-200
- Locations where stormwater is discharged off-site (should be continuously updated);
- I. Areas where final stabilization has been accomplished and no further construction phase permit requirements apply.

G. Stormwater Controls

a.	Initial :	Site Stabilization, Erosion and Sediment Controls, and Best Management
	Practio	res:
	i.	Initial Site Stabilization: Temporary seeding
	ii.	Erosion and Sediment Controls: Construction entrance, silt fence, sediment basin
	iii.	If periodic inspections or other information indicates a control has been used inappropriately or incorrectly, the operator will replace or modify the control for site situations: XYes No If No, explain:
	iv.	Off-site accumulations of sediment will be removed at a frequency sufficient to minimize off-site impacts: XYes No If No, explain:
	V.	Sediment will be removed from sediment traps or sedimentation ponds when design capacity has been reduced by 50%: XYes No If No, explain:

	vi.	Litter, construction debris, and construction chemicals exposed to stormwater shall be prevented from becoming a pollutant source for stormwater discharges: XYes No If No, explain:
	vii.	Off-site material storage areas used solely by the permitted project are being covered by this SWPPP: Yes XNO
		If Yes, explain additional BMPs implemented at off-site material storage area:
b.	Stabiliz	zation Practices
	i.	Description and Schedule:
		Temporary and Permanent Seeding in areas that are not receiving a hardscape surface
	ii.	Are buffer areas required? Yes XNo
		If Yes, are buffer areas being used? Yes No
		If No, explain why not:
		There are no streams or regulated wetlands adjacent to the
		disturbed areas.
		If Yes, describe natural buffer areas:
	iii.	A record of the dates when grading activities occur, when construction
		activities temporarily or permanently cease on a portion of the site, and
		when stabilization measures are initiated shall be included with the plan. X Yes N 0
		If No, explain:
	iv.	Deadlines for stabilization: Stabilization procedures will be initiated 14
		days after construction activity temporarily ceases on a portion of the site.
c.	Structi	ural Practices
		Describe any structural practices to divert flows from exposed soils, store
		flows, or otherwise limit runoff and the discharge of pollutants from
		exposed areas of the site:
		Diversion swales and sedimentation basin
	ii.	Sediment Basins:
		Are 10 or more acres draining to a common point? ☒Yes ☐No

		Is a sediment basin included in the project? X Yes N
		If Yes, what is the designed capacity for the storage?
		X 3600 cubic feet per acre = : 36975 cft
		or
		10 year, 24 hour storm = :
		Other criteria were used to design basin:
		Other criteria were used to design basin.
		If No, explain why no sedimentation basin was included and
		describe required natural buffer areas and other controls
		implemented instead:
		iii. Describe Velocity Dissipation Devices:
		Outlet structure drains to end section with concrete channel
Н.	Other	Controls
	a.	Solid materials, including building materials, shall be prevented from being
		discharged to Waters of the State: XYes No
	b.	Off-site vehicle tracking of sediments and the generation of dust shall be
		minimized through the use of:
		X A stabilized construction entrance and exit
		Vehicle tire washing
		Other controls, describe:
	C.	Temporary Sanitary Facilities:
		Portable restrooms will be located on site
	d.	Concrete Waste Area Provided:
		XYes
		No. Concrete is used on the site, but no concrete washout is provided.
		Explain why:
		N/A, no concrete will be used with this project
	e.	Fuel Storage Areas, Hazardous Waste Storage, and Truck Wash Areas:
		Fuel storage is to be located next to the restrooms on site
I.	Non-S	tormwater Discharges
	a.	The following allowable non-stormwater discharges comingled with stormwater
		are present or anticipated at the site:
		Fire-fighting activities;
		X Fire hydrant flushings;

	X Water used to wash vehicles (where detergents or other chemicals are not used) or control dust in accordance with Part II.A.4.H.2;
	X Potable water sources including uncontaminated waterline flushings;
	X Landscape Irrigation;
	Routine external building wash down which does not use detergents or
	other chemicals;
	X Pavement wash waters where spills or leaks of toxic or hazardous
	materials have not occurred (unless all spilled materials have been removed)
	and where detergents or other chemicals are not used;
	XUncontaminated air conditioning, compressor condensate (See Part
	I.B.12.C of the permit);,
	X Uncontaminated springs, excavation dewatering and groundwater (See
	Part I.B.12.C of the permit);
	X Foundation or footing drains where flows are not contaminated with process materials such as solvents (See Part I.B.12.C of the permit);
	b. Describe any controls associated with non-stormwater discharges present at the
	site:
	non-stormwater discharges are routed to the stormwater management system
J.	Post-Construction Stormwater Management:
J.	<u> </u>
	Describe measures installed during the construction process to control pollutants in
	stormwater discharges that will occur after construction operations have been
	completed: Permenant sediment control including seeding, paving, and a detention basin to remain after construction to control pollutants from downstream
	-
K.	Applicable State or Local Programs: The SWPPP will be updated as necessary to reflect
	any revisions to applicable federal, state, or local requirements that affect the
	stormwater controls implemented at the site. X Yes \square No
L.	Inspections
	a. Inspection frequency:
	X Every 7 calendar days
	or
	At least once every 14 calendar days and within 24 hours of the end of a
	storm even 0.5 inches or greater (a rain gauge must be maintained on-site)
	b. Inspections:
	Completed inspection forms will be kept with the SWPPP.
	XADEQ's inspection form will be used (See Appendix B)
	or
	A form other than ADEQ's inspection form will be used and is attached
	(See inspection form requirements Part II.A.4.L.2)
	c. Inspection records will be retained as part of the SWPPP for at least 3 years from
	the date of termination.

- d. It is understood that the following sections describe waivers of site inspection requirements. All applicable documentation requirements will be followed in accordance with the referenced sections.
 - Winter Conditions (Part II.A.4.L.3)
 - ii. Adverse Weather Conditions (Part II.A.4.L.4)

IVI.	Maintenance:
	The following procedures to maintain vegetation, erosion and sediment control
	measures and other protective measures in good, effective operating condition wi
	be followed:

Any necessary repairs will be completed, when practicable, before the next storm event, but not to exceed a period of 3 business days of discovery, or as otherwise directed by state or local officials.

N. Employee Training:

ntractors and subcontractors) on this project:			

Certification

"I certify under penalty of law that this document and all attachments such as Inspection Form were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature of Responsible or Cognizant Official:

Title: Plant Englneer

^{**}Note, Formal training classes given by Universities or other third-party organizations are not required, but recommended for qualified trainers; the permittee is responsible for the content of the training being adequate for personnel to implement the requirements of the permit.

Computation Sheet for Determining Runoff Coefficients

Appendix A

Total Site Area =	194.0 AC Acres	[A]
Existing Site Conditions		
Impervious Site Area ¹ =	72.0 Acres	[B]
Impervious Site Area Runoff Coefficient ^{2, 4} =	0.95	[C]
Pervious Site Area ³ =	122.0 Acres	[D]
Pervious Site Area Runoff Coefficient ⁴ =	0.30	[E]
Pre-Construction Runoff Coefficient [B x C] + [D x E]	0.54 = This is your pre-construc	tion runoff coefficient
[A]	- This is your pre construc	cion ranon coemercia.
Proposed Site Conditions (after construction)		
Impervious Site Area ¹ =	81.7 Acres	[F]
Impervious Site Area Runoff Coefficient ^{2, 4} =	0.95	[G]
Pervious Site Area ³ =	112.3 Acres	[H]
Pervious Site Area Runoff Coefficient ⁴ =	0.30	[1]
Post-Construction Runoff Coefficient	0.57	
[F x G] + [H x I]	= This is your post-constru	ction runoff
[A]	coefficient.	

- 1. Includes paved areas, areas covered by buildings, and other impervious surfaces.
- 2. Use 0.95 unless lower or higher runoff coefficient can be verified.
- 3. Includes areas of vegetation, most unpaved or uncovered soil surfaces, and other pervious areas.
- 4. Refer to local Hydrology Manual for typical C values.

Inspector Name:Inspector Title:							
Date of Rainfall	:						
Days Since Last	Rain Event:	days	Rai	nfall Since Las	t Rain Event: _	inches	
	any Discharges Durir charges of Sediment						
	ed of Additional BM						
Location	Location of Constru	Activity Begin Date	Activity Occuring Now (y/n)?	Activity Ceased Date	Stabilizatio Initiated Da		
nformation on	BMPs in Need of Ma	aintenance					
ocation_	In Working Order?	Maintenance Date	Scheduled	Maintenance Date	Completed	Maintenance to be Performed By	
	ed to the SWPPP:		Rea	asons for chan	iges:		
	s completed (date):		<u> </u>				
direction or the informat responsible t and complet	supervision in accordation submitted. Based for gathering the information in the informat	ance with a system of the dominant of the mation, the information of the information of the material part is a significant in the material part is an expense of the material part is a significant in the material part is an expense of the material part is a significant in the material part is a system of the material part is a significant in the material part is a system of the m	designed to ens he person or po ation submitted	ure that qualifi ersons who ma is, to the best o	ed personnel pr nage the systen of my knowledg	were prepared under moperly gather and evaluaten, or those persons directle and belief, true, accurate uding the possibility of fin	
Signature of Re	sponsible or Cogniza	ant Official:				_ Date:	
		Title:				_	

ARR150000 Inspection Form

Appendix B

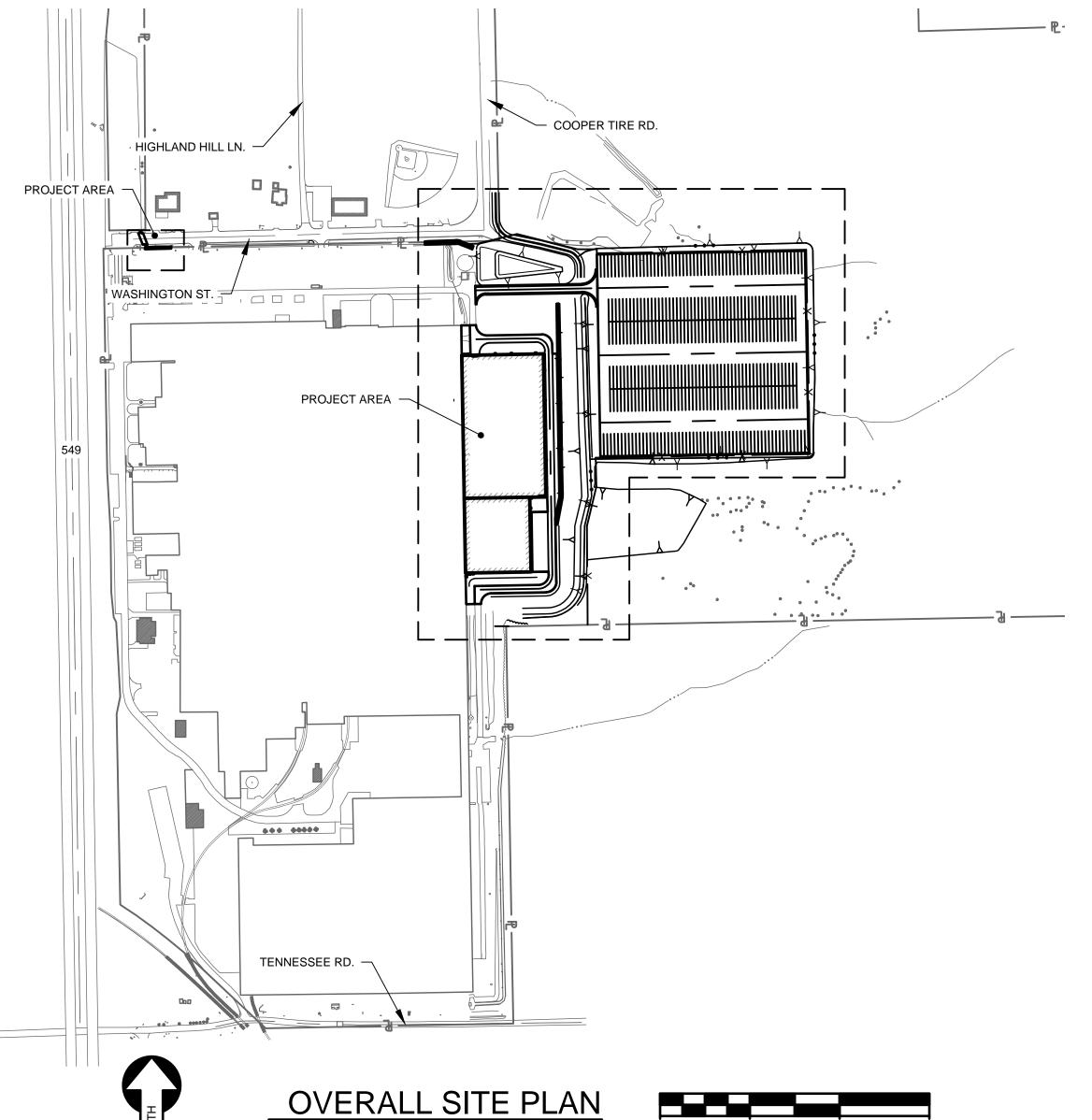
APPENDIX C

Employee Training Schedule:

Person(s) or Position(s) Trained	Date of Training	Description of Training

COOPER TIRE & RUBBER CO. PRODUCTION FACILITY EXPANSION TEXARKANA, AR

	CIVIL LEGEND	
DESCRIPTION	PROPOSED	EXISTING
BUILDING		
LIMITS OF DISTURBANCE		_
STORM SEWER	ST	ST
POTABLE WATER		———— W ————
FIRE WATER	—— F ——	——— F ———
BELOW GROUND TELEPHONE LINE		C
BELOW GROUND ELECTRICAL LINE		——— E ———
ABOVE GROUND ELECTRICAL LINE		<e></e>
FENCE	X	X
GUIDE POST / BOLLARD	•	\bigcirc
DITCH OR SWALE —	• • •	• • • • • • • • • • • • • • • • • • • •
MAJOR CONTOUR LINE		
MINOR CONTOUR LINE	00	00
ELEVATION	• <u>00.00</u>	× 00.00
BENCH MARK		\boxtimes
CATCH BASIN		
MANHOLE	•	\odot
CLEANOUT	•	0
ROOF DRAIN	●RD	ORD
HEADWALL		
BOX CULVERT HEADWALL	<u> </u>	
FIRE HYDRANT	<u> </u>	Ϋ́
POST INDICATOR VALVE (PIV OR SCV)	•	\otimes
POWER POLE		¢
GUY WIRE		
LIGHT POLE		*
TREE		









ABBREVIATIONS					
LETTERS	DESCRIPTION				
AC	ACRES				
CF	CUBIC FEET				
F	FIRE				
FFE	FINISHED FLOOR ELEVATION				
FL	FLOW LINE				
GU	GUTTER				
HW	HEADWALL				
IE	INVERT ELEVATION				
LF	LINEAR FEET				
МН	MANHOLE				
PIV	POST INDICATOR VALVE				
RCP	REINFORCED CONCRETE PIPE				
RD	ROOF DRAIN				
SCV	SECTIONAL CONTROL VALVE				
ST	STORM				
TC	TOP OF CURB				
TE	TOP ELEVATION				
TYP	TYPICAL				
YD	YARD DRAIN				

	DRAWING INDEX
CS-001	COVER SHEET
CS-002	GENERAL NOTES
CS-100	OVERALL DEMOLITION & INITIAL EROSION CONTROL PLAN
CS-200	OVERALL SITE LAYOUT, GRADING, & FINAL EROSION CONTROL PLAI
CS-201	SITE LAYOUT PLAN AREA A
CS-202	SITE LAYOUT PLAN AREA B
CS-203	SITE LAYOUT PLAN AREA C
CS-204	SITE LAYOUT PLAN AREA D
CS-205	SITE LAYOUT PLAN AREA E
CS-207	SITE LAYOUT PLAN AREA G
CS-301	SITE GRADING PLAN AREA A
CS-302	SITE GRADING PLAN AREA B
CS-303	SITE GRADING PLAN AREA C
CS-304	SITE GRADING PLAN AREA D
CS-305	SITE GRADING PLAN AREA E
CS-306	SITE GRADING PLAN AREA F
CS-307	SITE GRADING & UTILITY PLAN AREA G
CS-401	SITE UTILITY PLAN AREA A
CS-403	SITE UTILITY PLAN AREA C
CS-405	SITE UTILITY PLAN AREA E
CS-501	SITE DETAILS
CS-502	UTILITY DETAILS
CS-503	EROSION AND SEDIMENT CONTROL DETAILS

GRAPHIC SCALE : 1" = 300'

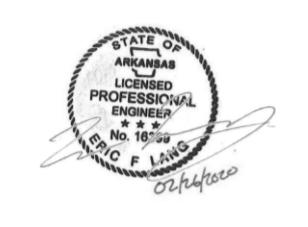
	BENCH MARK AND CONTROL POINT TABLE					
	ARINGS ARE BASED ON GRID NORTH WITHIN THE "ARKANSAS CO 6, EPOCH 2002.0), AT THE SURFACE.THE COMBINED SCALE FACT		•			
NO.	DESCRIPTION NORTHING EASTING ELEVATION					
TBM 1	BENCH TIE IN PP #109902	1593503.19	702223.25	367.66		
TP 1	1/2" STEEL ROD W/ORANGE CAP STAMPED MTG CONTROL	1593373.70	702250.15	368.72		
TP 2	1/2" STEEL ROD W/ORANGE CAP STAMPED MTG CONTROL	1593071.12	702260.57	372.69		



88506®

CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY



PROJECT INFORMATION:

PRODUCTION
FACILITY EXPANSION
3500 WASHINGTON ST.
TEXARKANA, AR

CLIENT INFORMATION:

COOPER TIRE 900 Lima Ave. Findlay, Ohio

3 02/26/20 ISSUE FOR PERMITS
2 02/20/20 ADDENDUM 6
1 01/10/20 ISSUE FOR BIDS
NO. DATE SUBJECT
REVISION OR ISSUE

SSOE, Inc.

SSOE, Inc.
2204 Lakeshore Drive Suite 110
Homewood, AL 35209
T. (205) 323-2373

PROJECT NO: 020-00082-00

PROJECT NO: U2U-UU082PROJECT MANAGER: S. DUNN
DESIGNED: J. MARSH
CHECKED: C. HARTMAN

DRAWING TITLE:

COVER SHEET

DRAWING NO:

C:\dgn\d3713478\CS-001.dwg DATE: Feb 25, 2020 - 9:44am USER: 15055

GENERAL NOTES:

- 1. ALL WORK AND MATERIALS SHALL CONFORM TO THE CONSTRUCTION STANDARDS OF THE CITY OF TEXARKANA AND TO THE CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE ARKANSAS DEPARTMENT OF TRANSPORTATION (ARDOT) ISSUED 2014, THE TEXAS DEPARTMENT OF TRANSPORTAION (TXDOT) AS APPLICABLE, AND IN COMPLIANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL STANDARDS AND REGULATIONS, UNLESS NOTED OTHERWISE. ALL STANDARDS REFERRED TO IN THESE PLANS SHALL BE IN ACCORDANCE WITH THE CITY OF TEXARKANA CONSTRUCTION STANDARDS, UNLESS OTHERWISE NOTED.
- 2. THE LOCATIONS OF ALL EXISTING SITE IMPROVEMENTS AND GRADES SHOWN ON THE PLANS HAVE BEEN OBTAINED FROM A FIELD SURVEY PERFORMED BY SURVEY IN PROGRESS DATED TBA. IT IS BELIEVED THAT THEY ARE ESSENTIALLY CORRECT, BUT SSOE DOES NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS. THE EXACT LOCATION OF EXISTING UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. AT ALL TIMES, FOLLOW ALL STATE AND LOCAL SAFETY REQUIREMENTS DURING CONSTRUCTION OF THIS PROJECT. SPECIAL CARE SHALL BE TAKEN DURING ALL TRENCHING OPERATIONS. SHEETING AND BRACING, CRIBBING, ETC., MUST BE INSTALLED AS REQUIRED TO PROVIDE MAXIMUM SAFETY TO THE CONTRACTOR'S WORKERS IN FULL COMPLIANCE WITH OSHA REGULATIONS.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR THE INVESTIGATION, LOCATION, TYPE & MATERIAL, SUPPORT, PROTECTION AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES WHETHER SHOWN ON THESE PLANS OR NOT. EXPOSE OR LOCATE ALL UTILITIES OR STRUCTURES WITHIN THE ALIGNMENT OF PROPOSED NEW CONSTRUCTION AT LEAST 1 WEEK PRIOR TO CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL EFFECT ON THE PROPOSED CONSTRUCTION. CALL, TOLL FREE, THE UTILITIES PROTECTION SERVICE (811) 48 HOURS PRIOR TO CONSTRUCTION AND NOTIFY ALL UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO WORK IN THE VICINITY OF THEIR UNDERGROUND LINES.
- 4. NOTIFY THE OWNER'S REPRESENTATIVE AND ENGINEER IMMEDIATELY OF ANY DISCREPANCIES FOUND DURING THE INVESTIGATION OF THE EXISTING UTILITIES AND TOPOGRAPHY AND/OR DURING THE CONSTRUCTION PHASE.
- 5. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES AS IDENTIFIED IN THE STORM WATER POLLUTION PREVENTION PLAN PREPARED FOR THE PROJECT.
- 6. ALL DISTURBED AREAS NOT DESIGNATED TO RECEIVE A FINISHED SURFACE SHALL BE SEEDED AND MULCHED ON A MINIMUM OF 4" TOPSOIL. SEED, MULCH AND FERTILIZE ALL DISTURBED TOPSOIL AREAS PER ARDOT STANDARD SPECIFICATION SECTION 620 SEEDING SPECIFICATIONS. WATER, FERTILIZE AND RESEED AREAS AS NECESSARY UNTIL A MINIMUM OF 70% GROWTH DENSITY IS ACHIEVED.
- 7. KEEP EXISTING STREETS, ROADS AND DRIVES CLEAR OF DIRT, DEBRIS AND EQUIPMENT. STREET AND FOOT TRAFFIC SHALL BE MAINTAINED AT ALL TIMES. UTILIZE TRAFFIC CONTROL DEVICES AS NECESSARY PER ARDOT SPECIFICATIONS. ANY DAMAGE TO THE CURB OR OTHER STRUCTURES WITHIN THE CITY OF TEXARKANA RIGHT OF WAY DURING THE DEMOLITION AND CONSTRUCTION PHASE OF THE PROJECT SHALL BE REPAIRED PER CITY OF TEXARKANA CONSTRUCTION STANDARDS.
- 8. OWNER'S FACILITY OPERATIONS SHALL BE MAINTAINED AT ALL TIMES, CONSTRUCTION SCHEDULE AND PEDESTRIAN ACCESS SHALL BE APPROVED BY OWNER. UTILITY INTERRUPTIONS SHALL BE SCHEDULED TO PREVENT CONFLICT. ANY REQUIRED UTILITY INTERRUPTIONS WILL BE APPROVED BY OWNER IN ADVANCE.
- 9. RESTRICT ACCESS TO THE PROJECT SITE TO DESIGNATED LOCATIONS BY USE OF ADEQUATE FENCING, IF NECESSARY.
- 10. THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS AS NECESSARY FOR NEW CONSTRUCTION.
- 11. DETERMINE METHODS OF DEWATERING AS NECESSARY TO FACILITATE PROPOSED CONSTRUCTION. PERFORM ADDITIONAL GEOTECHNICAL EXPLORATIONS AS NECESSARY FOR BIDDING AND CONSTRUCTION.
- 12. ALL EXCESS EXCAVATION SHALL BE STOCKPILED AT A DESIGNATED LOCATION AS DIRECTED BY OWNER'S REPRESENTATIVE. COORDINATE TEMPORARY AND EXCESS SOIL STOCKPILES PRIOR TO CONSTRUCTION.
- 13. TOPSOIL SHALL BE STRIPPED TO ITS ENTIRE DEPTH, AS ENCOUNTERED, FROM ALL AREAS TO RECEIVE NEW CONSTRUCTION.
- 14. SOLID, SANITARY AND TOXIC WASTE MUST BE DISPOSED OF IN A PROPER MANNER IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. IT IS PROHIBITED TO BURN, BURY, OR POUR OUT ANY SOLVENTS, PAINTS, STAINS, GASOLINE, DIESEL FUEL, USED MOTOR OIL, HYDRAULIC FLUID, ANTIFREEZE, CEMENT CURING COMPOUNDS AND OTHER SUCH TOXIC OR HAZARDOUS WASTES. WASH OUT OF CONCRETE TRUCKS SHALL OCCUR IN A DIKED, DESIGNATED AREA WHERE THE WASTEWATER CAN BE COLLECTED AND DISPOSED OF PROPERLY WHEN IT HARDENS. STORAGE TANKS SHALL BE LOCATED IN DIKED AREAS AWAY FROM ANY DRAINAGE CHANNELS. THE DIKED AREA SHALL CONTAIN A VOLUME 110% OF THE LARGEST TANK.
- 15. PROVIDE STAKING CONTROL TO ENSURE BOTH HORIZONTAL AND VERTICAL ACCURACY OF THE PROJECT.

$\underline{\mathsf{REMOVAL}\;\mathsf{NOTES:}}$

- 1. ALL REMOVALS NECESSARY TO ACCOMPLISH THE NEW WORK ARE TO BE COORDINATED. A CAREFUL INSPECTION OF THE PREMISES PRIOR TO BIDDING SHALL BE MADE BY EACH BIDDER.
- 2. PROTECT EXISTING BUILDINGS, UTILITIES AND STRUCTURES TO REMAIN AS NECESSARY. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING IMPROVEMENTS RESULTING FROM CONSTRUCTION ACTIVITY.
- 3. ANY CONCRETE WALK, CURB AND/OR PAVEMENT REMOVALS SHALL BE SAW CUT TO FULL DEPTH TO THE NEAREST JOINT WITH CLEAN LINES.
- 4. ADJUST THE VERTICAL AND HORIZONTAL LOCATION OF EXISTING UTILITY STRUCTURES TO REMAIN AS NECESSARY TO PREVENT CONFLICT WITH PROPOSED NEW CONSTRUCTION AND MAKE FLUSH WITH PROPOSED GRADES WHERE APPLICABLE. COORDINATE ALL RELOCATIONS WITH UTILITY OWNER AND NOTIFY CONSTRUCTION MANAGER.
- 5. PROVIDE BARRIERS, OR OTHER PROTECTION, TO KEEP VEHICULAR AND PEDESTRIAN TRAFFIC FROM THE CONSTRUCTION AREA.

SITE LAYOUT NOTES:

- 1. SEE ARCHITECTURAL DRAWINGS FOR ALL BUILDING DIMENSIONS.
- 2. ARCHITECTURAL FINISHED FLOOR ELEVATION +100.00 EQUALS SITE ELEVATION 357.65.
- 3. ALL DIMENSIONS ON SITE LAYOUT PLANS ARE TO FACE OF BUILDING FOUNDATION, EDGE OF PAVEMENT, OR FACE OF CURB WHERE APPLICABLE.
- 4. LAYOUT FOR NEW CONSTRUCTION IS RELATIVE TO CONTROL POINTS AS IDENTIFIED BY SURVEY IN PROGRESS
- 5. UTILIZE BENCHMARKS AND HORIZONTAL CONTROL AS PROVIDED ON SITE SURVEY DOCUMENTS PREPARED BY SURVEY IN PROGRESS. PROVIDE AT LEAST 2 HORIZONTAL AND VERTICAL CONTROL POINTS WITHIN PROJECT AREA FOR LAYOUT AND ELEVATION CONTROL.

GRADING AND EARTHWORK NOTES:

- 1. THE ELEVATION AT THE THRESHOLD OF THE EXTERIOR DOOR STOOP IS 357.63 UNLESS NOTED OTHERWISE.
- 2. THE EXTERIOR DOOR STOOP SHALL SLOPE AWAY FROM THE THRESHOLD AT 1% TO 2% GRADE VERIFY WITH PLAN UNLESS NOTED OTHERWISE,
- 3. THE ELEVATION AT THE EXTERIOR PERIMETER OF THE BUILDING WILL BE 357.15 UNLESS NOTED OTHERWISE.
- 4. ALL PEDESTRIAN ROUTES SHALL HAVE A LONGITUDINAL SLOPE LESS THAN OR EQUAL TO 5% (1:20) AND A TRANSVERSE SLOPE LESS THAN OR EQUAL TO 2% (1:50) EXCEPT AT CURB RAMPS OR SPECIFICALLY NOTED ON THE DRAWINGS OTHERWISE.
- 5. UNLESS NOTED OTHERWISE, THE TOP OF EXISTING MANHOLE, CATCH BASIN OR OTHER UTILITY STRUCTURES AFFECTED BY NEW CONSTRUCTION SHALL BE ADJUSTED, AS NECESSARY, TO BE FLUSH WITH PROPOSED GRADE AND/OR PROVIDE POSITIVE DRAINAGE.
- 6. UNLESS NOTED OTHERWISE ON PLANS, CUT OR FILL AS NECESSARY TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING AND PROPOSED GRADES. ALL CUT AND/OR FILL SLOPES SHALL BE A MAXIMUM OF 3 HORIZONTAL TO 1 VERTICAL (3H:1V). FINISHED GRADING SHALL BE DONE TO PREVENT PONDING WITHIN THE PROJECT AREA AND ADJOINING AREAS, AND MAINTAIN POSITIVE DRAINAGE TO THE NEAREST DRAINAGE FEATURE.
- 7. MAINTAIN POSITIVE DRAINAGE TO THE NEAREST DRAINAGE FEATURE AT ALL TIMES, NO PONDING WILL BE PERMITTED.
- 8. IN PAVEMENT AREAS POSITIVE DRAINAGE MAY BE ACCOMPLISHED BY ADDING COMPACTED ARDOT AGGREGATE BASE COURSE SPECIFICATION SECTION 303 TO THE CATCH BASIN RIM ELEVATION, THEN RE-EXCAVATING FOR ASPHALT INSTALLATION. CONTRACTOR SHALL KEEP THE BASE MATERIAL AT OPTIMUM MOISTURE LEVEL AND THE SPECIFIED COMPACTION.
- 9. PROTECT DOWNSTREAM AREAS FROM SEDIMENT OF CONSTRUCTION ACTIVITIES WITHIN THE EARTH DISTURBING LIMITS UNTIL PERMANENT STABILIZATION IS ESTABLISHED.
- 10. MAINTAIN THE SITE GRADING SUCH THAT ALL SURFACE WATER WITHIN EARTH DISTURBING LIMITS AND DEWATERING, IF REQUIRED, IS DIVERTED THROUGH EROSION AND SEDIMENT CONTROL MEASURES.
- 11. THROUGHOUT CONSTRUCTION, PROVIDE AND MAINTAIN A SITE DUMP/WASH AREA IN COMPLIANCE WITH APPLICABLE BEST MANAGEMENT PRACTICES PRIOR TO STARTING CONSTRUCTION FOR SUCH PURPOSES AS WASHING OUT CONCRETE TRUCKS AND DUMPING NON-HAZARDOUS WASTE MATERIALS. DUMPING OR DISCHARGE OF ANY WASTE MATERIALS TO ANY CITY OF TEXARKANA SEWERS IS PROHIBITED. HAZARDOUS WASTES ARE TO BE REMOVED OFF SITE AND PROPERLY DISPOSED OF CONSISTENT WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
- 12. PROVIDE TEMPORARY SOIL EROSION AND SEDIMENT CONTROL PRACTICES SATISFYING THE CONDITIONS OF THE AUTHORIZATION TO DISCHARGE STORMWATER UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM AND AIR POLLUTION CONTROL ACT, PERMIT NO. ARR150000.
- 13. THE SOILS ENGINEER SHALL OBSERVE, INSPECT AND TEST ALL EARTHWORK OPERATIONS INCLUDING, BUT NOT LIMITED TO, CLEARING AND GRUBBING, SUB GRADE PREPARATION, STRUCTURAL PREPARATION, STRUCTURAL AND TRENCH EXCAVATION AND BACKFILL, AND PLACEMENT AND COMPACTION OF FILL.
- 14. REVIEW THE GRADING PLANS AND SOILS REPORT THOROUGHLY PRIOR TO SITE MOBILIZATION. IT IS ALSO THE GRADING CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE CIVIL AND SOILS ENGINEERS IF ON SITE DISCREPANCIES ARE OBSERVED THAT WOULD AFFECT THE EARTHWORK QUANTITIES.
- DEWATER, AS NECESSARY, TO ACCOMPLISH ALL WORK INDICATED ON PLANS AND TO PERFORM REQUIRED COMPACTION OPERATIONS.
- 16. ALL FILL MATERIALS REQUIRED TO ACHIEVE GRADE FOR THE PROPOSED BUILDING PAD(S), ALONG WITH PERIMETER AREAS WITHIN 5-FEET OF THE PROPOSED BUILDING ENVELOPE(S), INCLUDING ALL ASSOCIATED STRUCTURAL COMPONENTS OR APPURTENANCES, SHALL BE A COMPACTIBLE, WELL-GRADED, GRANULAR, CRUSHED LIMESTONE MATERIAL OR SOIL CLASSIFIED AS SATISFACTORY STRUCTURAL FILL IN THE GEOTECHNICAL STUDY REPORT FOR THIS PROJECT THAT IS FREE OF ROCK OR GRAVEL LARGER THAN 2-INCHES IN ANY DIMENSION, DEBRIS, WASTE, FROZEN MATERIALS, VEGETATION, RECYCLED MATERIALS, OR OTHER DELETERIOUS MATERIAL.
- 17. SUFFICIENT TESTS OF THE FILL SOILS SHALL BE MADE TO DETERMINE THE RELATIVE COMPACTION OF THE FILL IN ACCORDANCE WITH THE FREQUENCY PROVIDED WITHIN THE GEOTECHNICAL REPORT, PREPARED FOR THIS PROJECT.
- 18. SUFFICIENT TESTS OF FILL SOILS SHALL BE MADE TO VERIFY THAT THE SOIL PROPERTIES COMPLY WITH THE DESIGN REQUIREMENTS, AS DETERMINED BY THE GEOTECHNICAL ENGINEER INCLUDING SOIL TYPES, SHEAR STRENGTHS PARAMETERS AND CORRESPONDING UNIT WEIGHTS AS DETERMINED NECESSARY BY THE GEOTECHNICAL ENGINEER.
- 19. ROCK OR SIMILAR MATERIAL GREATER THAN 2 INCHES IN DIAMETER SHALL NOT BE PLACED IN THE FILL UNLESS RECOMMENDATIONS FOR SUCH PLACEMENT HAVE BEEN SUBMITTED BY THE GEOTECHNICAL ENGINEER AND APPROVED IN ADVANCE BY THE ENGINEER.
- 20. THE SOILS ENGINEER OF RECORD SHALL INSPECT AND APPROVE THE FOUNDATION EXCAVATIONS BEFORE STEEL OR CONCRETE IS PLACED.

STORM DRAINAGE NOTES

- 1. FOR PROTECTION OF UNDERGROUND UTILITIES, CALL THE UTILITIES PROTECTION SERVICE AT 811 A MINIMUM OF 48 HOURS PRIOR TO EXCAVATING, NON-MEMBERS MUST BE CALLED DIRECTLY.
- 2. ALL WORK AND MATERIALS SHALL CONFORM TO THE CONSTRUCTION STANDARDS OF THE CITY OF TEXARKANA AND TO THE CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE ARKANSAS DEPARTMENT OF TRANSPORTATION ISSUED 2014 AND IN COMPLIANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL STANDARDS AND REGULATIONS, UNLESS NOTED OTHERWISE. ALL STANDARDS REFERRED TO IN THESE PLANS SHALL BE IN ACCORDANCE WITH THE CITY OF TEXARKANA CONSTRUCTION STANDARDS, UNLESS OTHERWISE NOTED.
- 3. IDENTIFY AND SPOT DIG POTENTIAL CONFLICTING UTILITIES WITHIN PROPOSED NEW UTILITY ALIGNMENTS PRIOR TO INITIATING

CONSTRUCTION/INSTALLATION.

WATER UTILITY NOTES:

- ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT CITY OF TEXARKANA STANDARDS AND SPECIFICATIONS.
- 2. PROVIDE ALL BENDS/FITTINGS AS REQUIRED. ALL EXCAVATION AND BACKFILL SHALL BE PERFORMED BY THE CONTRACTOR.
- 3. ALL PUBLIC AND PRIVATE UTILITY COMPANIES SHALL BE NOTIFIED BY THE CONTRACTOR, IN WRITING, AT LEAST SEVEN (7) DAYS IN ADVANCE OF BEGINNING ANY CONSTRUCTION OPERATIONS.

EROSION AND SEDIMENT CONTROL NOTES

- 1. A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN PREPARED FOR THE PROJECT. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE PRACTICES AND MEASURES DESCRIBED IN THE SWPPP AND AS DIRECTED BY OWNER'S REPRESENTATIVE.
- APPLY FOR AND OBTAIN A CONSTRUCTION STORM WATER PERMIT, NOTICE OF INTENT (NOI) PERMIT FROM THE ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY AS A CO-PERMITTEE UNDER THE PROJECT CONSTRUCTION STORM WATER PERMIT AT LEAST 14 DAYS PRIOR TO INITIATING GROUND-DISTURBING ACTIVITIES. COORDINATE PERMIT WITH OWNER'S REPRESENTATIVE.
- 3. PROVIDE, INSTALL AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES (AKA BEST MANAGEMENT PRACTICE MEASURES OR BMP'S) IN ACCORDANCE WITH CONTRACT DOCUMENTS.
- 4. ALL EROSION AND SEDIMENT CONTROL (BMP) MEASURES WILL BE INSTALLED TO THE SATISFACTION OF THE OWNER AND THE ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY.
- SEEDING SHOULD BE APPLIED PER ARDOT SEEDING SPEC SECTION 620, GROUP II. ALL SEEDED AREAS SHALL BE WATERED, FERTILIZED AND RE-SEEDED AS NECESSARY TO INSURE A MINIMUM 70% GROWTH DENSITY. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- 6. ALTERNATIVE METHODS OF SURFACE STABILIZATION, AS APPROVED BY THE OWNER AND PROJECT ENGINEER SHALL BE USED DURING PERIODS NOT FEASIBLE FOR SEEDING AND MULCHING.
- 7. ALL CONTRACTORS AND SUBCONTRACTORS DOING WORK ON THIS SITE SHALL RECEIVE AND BE FAMILIAR WITH THE PROJECT SWPPP AND THESE NOTES. THE CONSTRUCTION MANAGER SHALL MAINTAIN A COPY OF SIGNED RECEIPTS FROM ALL CONTRACTORS AND SUBCONTRACTORS FOR RECEIPT AND REVIEW OF THE STORM WATER POLLUTION PREVENTION PLAN, AND THESE NOTES.

8. CONSTRUCTION SEQUENCE:

- A. INSTALL CONSTRUCTION FENCING AND GATES.

 B. INSTALL EROSION AND SEDIMENT CONTROL MEASURES AND SILT FILTE.
- B. INSTALL EROSION AND SEDIMENT CONTROL MEASURES AND SILT FILTER
- FABRIC FENCE FOR PERIMETER CONTROL.

 C. PERFORM DEMOLITIONS AND REMOVALS OF EXISTING IMPROVEMENTS.
- D. ROUGH GRADE AND STOCKPILE EARTHEN MATERIAL.
- E. CONSTRUCT AND STABILIZE SEDIMENT TRAPS FOR ANY AREAS THAT WILL REMAIN EXPOSED FOR LONGER THAN 14 DAYS.
- F. PERFORM BUILDING FOUNDATION INSTALLATION.
 G. PROVIDE TEMPORARY STABILIZATION AND SEDIMENT CONTROL FOR TOPSOIL
- STOCKPILES AND AREAS TO BE EXPOSED OVER 14-DAYS WITHIN 7 DAYS.

 H. INSTALL NEW UNDERGROUND UTILITIES.
- I. CONSTRUCT PROPOSED PAVEMENTS.
 J. PERFORM FINISHED SITE GRADING.
- K. INITIATE PERMANENT STABILIZATION IMMEDIATELY IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED.
- 9. THIS PLAN REFLECTS AN INTERPRETATION OF SEDIMENT AND EROSION CONTROL MEASURES APPROPRIATE FOR VARIOUS STAGES OF CONSTRUCTION PROGRESS. THIS PLAN IS NOT INTENDED TO BE INCLUSIVE OF ALL SEDIMENT AND EROSION MEASURES REQUIRED THROUGHOUT CONSTRUCTION. REVIEW EXISTING AND PROPOSED SITE DRAINAGE SO AS TO IMPLEMENT THE MOST EFFICIENT AND APPROPRIATE METHOD OF EROSION AND SEDIMENT CONTROL THROUGHOUT THE DURATION OF CONSTRUCTION. ALL MODIFICATIONS ARE TO BE NOTED ON THE SOIL EROSION AND SEDIMENT CONTROL PLAN SHEETS, SIGNED AND DATED BY THE RESPONSIBLE PARTY.
- 10. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES INSTALLED AS PART OF THIS PROJECT AND RETURNING ALL DISTURBED AREAS BACK TO THEIR ORIGINAL CONDITION. REMOVE TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES ONLY AFTER THE UPGRADIENT WATERSHED HAS BEEN COMPLETELY STABILIZED.

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CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:

PRODUCTION
FACILITY EXPANSION
3500 WASHINGTON ST.
TEXARKANA, AR

CLIENT INFORMATION:

COOPER TIRE

900 Lima Ave. Findlay, Ohio 45840

CLIE	NT PROJE	TEX-16023
2	02/26/20	ISSUE FOR PERMITS
1	01/10/20	ISSUE FOR BIDS
NO.	DATE	SUBJECT
REV	ISION OR	ISSUE
SS	SOE.	Inc.

T. (205) 323-2373

PROJECT NO: 020-00082-00

PROJECT MANAGER: S. DUNN

DESIGNED: J. MARSH

CHECKED: C. HARTMAN

DRAWING TITLE:

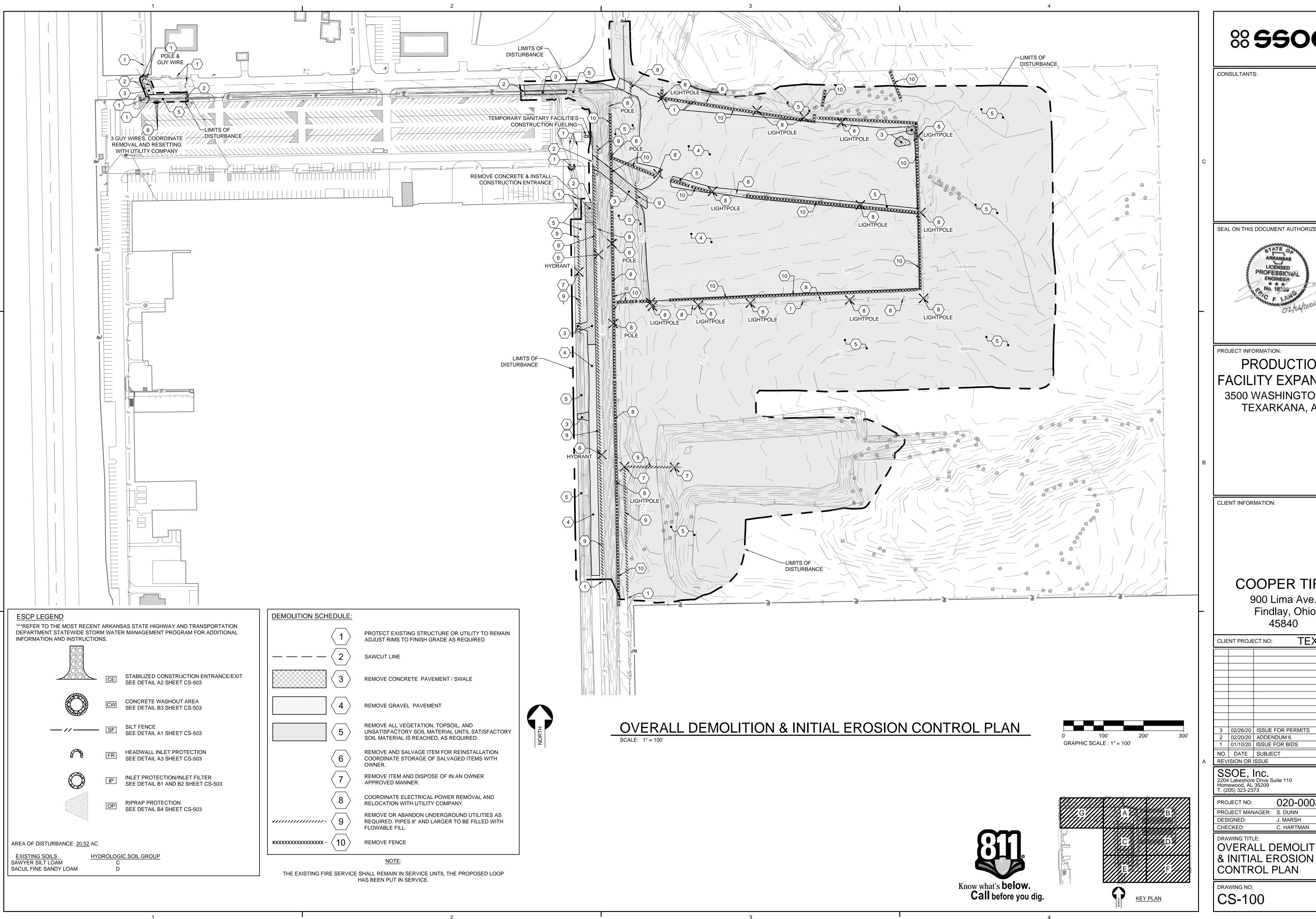
Homewood, AL 35209

2204 Lakeshore Drive Suite 110

GENERAL NOTES

DRAWING NO:

C:\dgn\d3713478\CS-002.dwg DATE: Feb 25, 2020 - 9:43am USER: 15055



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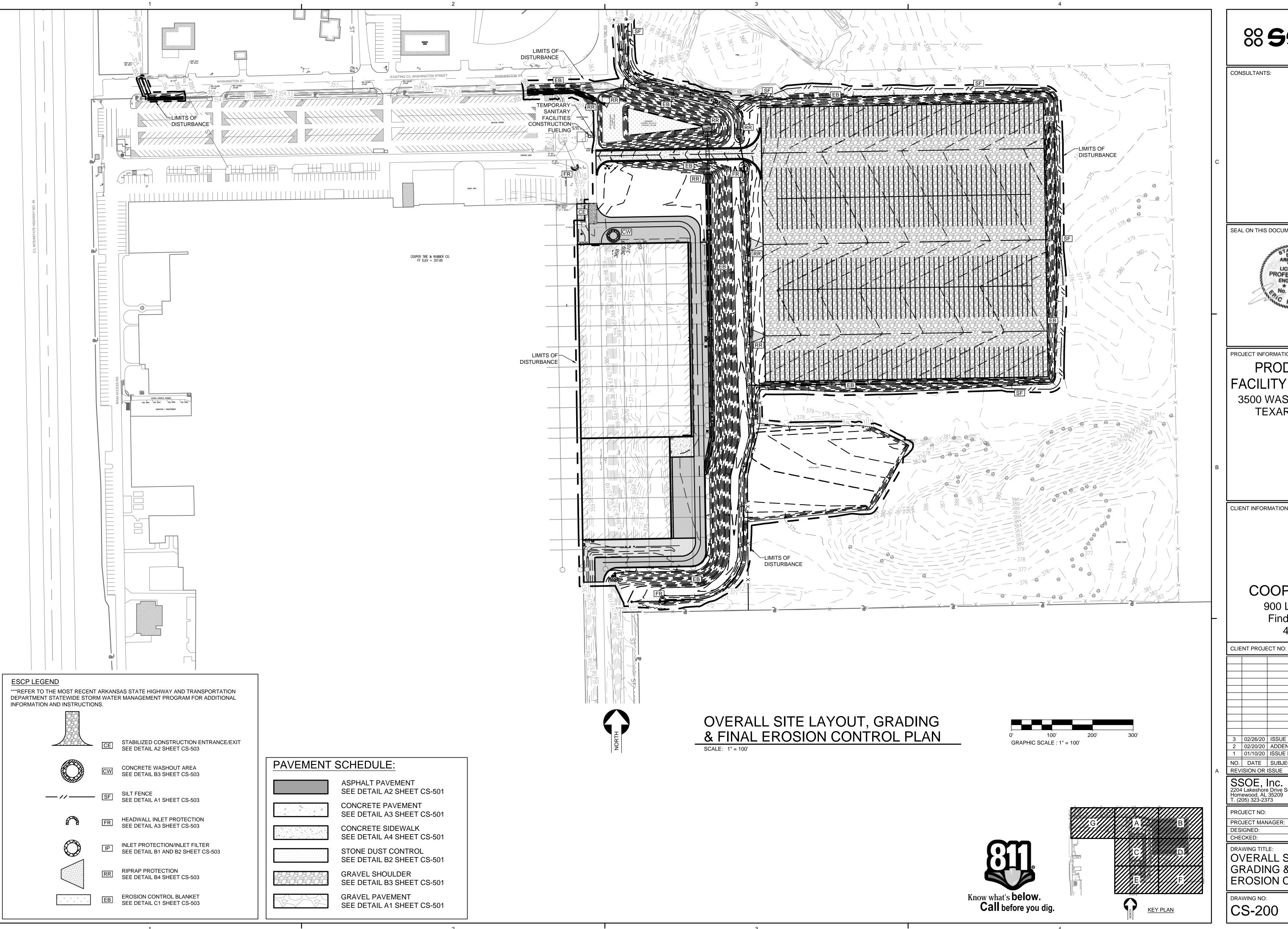
COOPER TIRE

900 Lima Ave. Findlay, Ohio

TEX-16023 3 02/26/20 ISSUE FOR PERMITS 2 02/20/20 ADDENDUM 6 1 01/10/20 ISSUE FOR BIDS

020-00082-00 PROJECT MANAGER: S. DUNN

C. HARTMAN OVERALL DEMOLITION



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CONSULTANTS:



PROJECT INFORMATION:

PRODUCTION FACILITY EXPANSION 3500 WASHINGTON ST. TEXARKANA, AR

CLIENT INFORMATION:

COOPER TIRE

TEX-16023

900 Lima Ave. Findlay, Ohio 45840

3 02/26/20 ISSUE FOR PERMITS 2 02/20/20 ADDENDUM 6 1 01/10/20 ISSUE FOR BIDS NO. DATE SUBJECT REVISION OR ISSUE

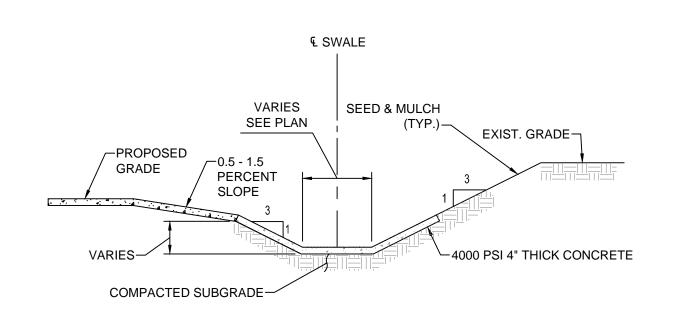
SSOE, Inc. 2204 Lakeshore Drive Suite 110 Homewood, AL 35209 T. (205) 323-2373

020-00082-00

PROJECT MANAGER: S. DUNN CHECKED: C. HARTMAN

OVERALL SITE LAYOUT, GRADING & FINAL EROSION CONTROL PLAN

DRAWING NO: CS-200



- NOTES: 1. * DITCH SHALL HAVE MAXIMUM 3:1 SIDE SLOPES.
 - * ROCK CHANNEL PROTECTION, WHERE SPECIFIED, SHALL BE IN ACCORDANCE WITH OUT SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND SHALL CONSIST OF 18" AND 6" ROCK ON GEO FABRIC, (TREVIRA 1120 OR APPROVED EQUAL). UPSTREAM PANEL TO OVERLAP DOWNSTREAM PANEL 3 FEET MINIMUM.
 - 3. * CHANNEL PROTECTION SHALL BE INCREASED AT OUTSIDE BANK WHERE DITCH CHANGES DIRECTION (2 FEET FOR 3:1 SLOPES).

-FOR REVERSE SCOPE PAVEMENT ELEVATION

> -COMPACTED AGGREGATE BASE

ADJACENT PAVEMENT



2'-0"

CONCRETE CURB AND GUTTER

12" CRUSHED STONE BASE TXDOT ITEM 247 TYPE A GRADE 2 (COMPACTED TO

(2) LIME TREATED SUBGRADE, TXDOT ITEM

USED AS SUBGRADE (ROAD MIXED)

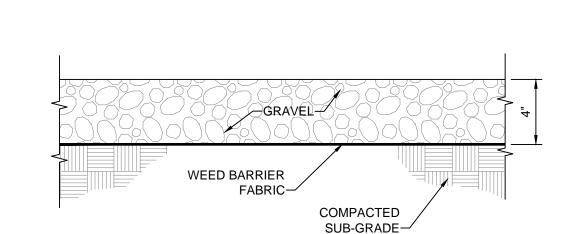
260, "LIME TREATMENT FOR MATERIALS

95% MODIFIED PROCTOR)

NOTES: 1. PAVEMENT AND SUBGRADE TO BE CONSTRUCTED ACCORDING TO THE ETTL

GRAVEL PAVEMENT

GEOTECHNICAL INVESTIGATION DATED 3-13-2013



€ SWALE

2. * ROCK CHANNEL PROTECTION, WHERE SPECIFIED, SHALL BE IN

DITCH CHANGES DIRECTION (2 FEET FOR 3:1 SLOPES).

SCALE: NONE

ACCORDANCE WITH OUT SPECIFICATIONS FOR ROAD AND BRIDGE

3. * CHANNEL PROTECTION SHALL BE INCREASED AT OUTSIDE BANK WHERE

CONSTRUCTION AND SHALL CONSIST OF 18" AND 6" ROCK ON GEO FABRIC, (TREVIRA 1120 OR APPROVED EQUAL). UPSTREAM PANEL TO OVERLAP

GRASS SWALE

COMPACTED SUBGRADE-

NOTES: 1. * DITCH SHALL HAVE MAXIMUM 3:1 SIDE SLOPES.

DOWNSTREAM PANEL 3 FEET MINIMUM.

SEED & MULCH

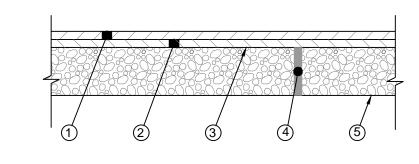
EXIST. GRADE

1. GRAVEL SHALL BE A COARSE WASHED GRAVEL MEETING THE FOLLOWING GRADATION.

SIEVE SIZE	TOTAL % PASSING
3"	100
2 1/2"	90 - 100
2"	35 - 70
1 1/2"	0 - 15
3/4"	0 - 5

2. WEED BARRIER FABRIC SHALL BE NONWOVEN, NEEDLE-PUNCHED, HEAT BONDED POLYPROPYLENE GEOTEXTILE FABRIC.





- (1) 2" HOT MIX ASPHALTIC CONCRETE SURFACE -TxDOT ITEM 340 TYPE D
- 2.5" HOT MIX ASPHALTIC CONCRETE

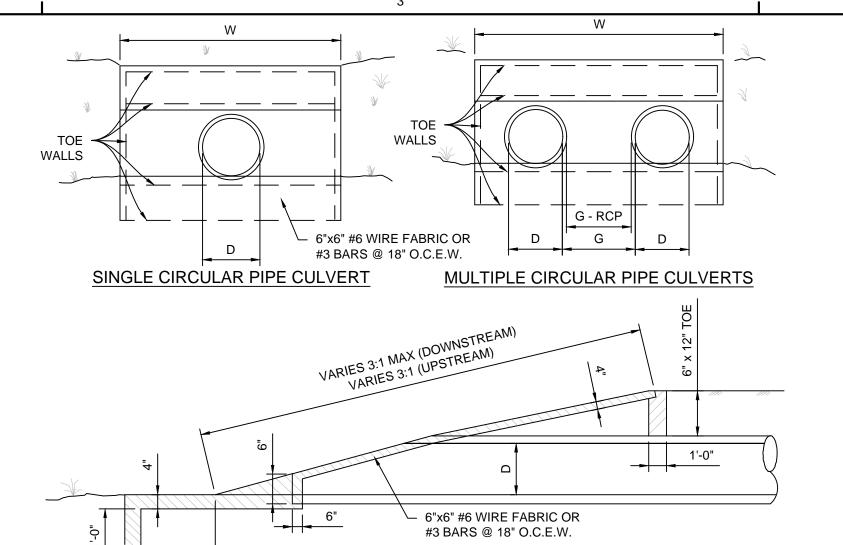
 BASE TXDOT ITEM 340 TYPE C
- PRIME COAT (0.35 GAL/SQ. YD.) (3) RT-2, RT-3, RC-250 OR MC-250
- 7" CRUSHED STONE BASE TXDOT ITEM

 4 247 TYPE A GRADE 2 (COMPACTED TO 95% MODIFIED PROCTOR)
- LIME TREATED SUBGRADE, TXDOT ITEM (5) 260, "LIME TREATMENT FOR MATERIALS

USED AS SUBGRADE (ROAD MIXED)

NOTES: 1. PAVEMENT AND SUBGRADE TO BE CONSTRUCTED ACCORDING TO THE ETTL GEOTECHNICAL INVESTIGATION DATED 3-13-2013



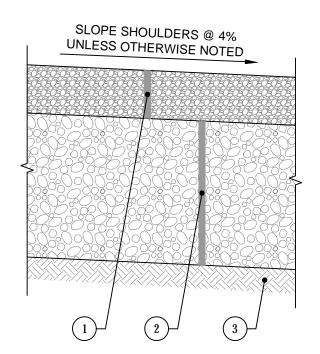


LONGITUDINAL SECTION

DIMENSIONS FOR CIRCULAR PIPE CULVERTS					
D INSIDE DIA.	L	G		W	
OF PIPE	_	PVC/CMP	RCP	SINGLE	DOUBLE
12"	1'-6"	1'-0"	0'-7"	4'-0"	6'-0"
15"	2'-0"	1'-0"	0'-8"	4'-3"	6'-6"
18"	2'-0"	1'-2"	0'-9"	4'-6"	7'-2"
21"	2'-6"	1'-3"	0'-10"	5'-3"	8'-4"
24"	3'-0"	1'-5"	0'-11"	6'-0"	9'-5"
30"	4'-0"	1'-8"	1'-1"	7'-6"	11'-8"
36"	5'-0"	1'-11"	1'-3"	9'-0"	13'-11"
42"	6'-0"	2'-2"	1'-5"	10'-6"	16'-2"
48"	7'-0"	2'-5"	1'-7"	12'-0"	18'-5"
54"	8'-0"	2'-8"	1'-9"	13'-6"	20'-8"
60"	9'-0"	2'-11"	1'-11"	15'-0"	22'-11"

CONCRETE SHALL BE CLASS "B" 2500 PSI UNLESS OTHERWISE SHOWN IN PLANS

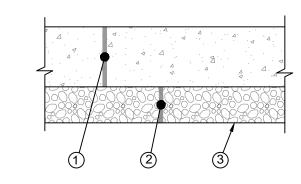
STORM SEWER BULKHEAD



- 6" COARSE AGGREGATE PER TXDOT ITEM 302, GRADE 1, CRUSHED LIMESTONE
- 18" AGGREGATE SUBBASE COURSE PER TXDOT ITEM 247, TYPE A, GRADE 1 OR 2 (PLACE IN 3 EQUAL COMPACTED LIFTS)
- SUBGRADE COMPACTION

NOTES: 1. SUBGRADE TO BE CONSTRUCTED ACCORDING TO THE ETTL GEOTECHNICAL **INVESTIGATION DATED 3-13-2013**

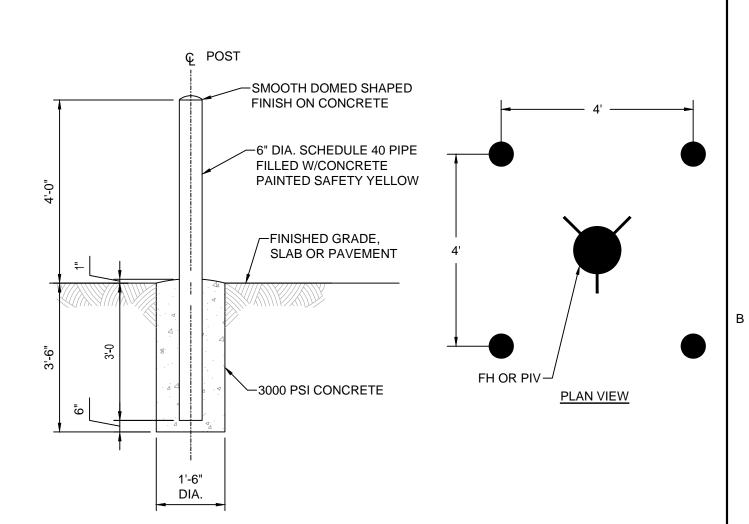




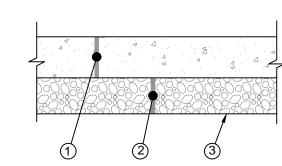
- (1) 7" (9" AT EDGE) 3500 PSI NON-REINFORCED CONCRETE PAVEMENT
- 2 4" CRUSHED STONE BASE TXDOT ITEM 247 TYPE A GRADE 2 (COMPACTED TO 95% MODIFIED PROCTOR)
- (3) LIME TREATED SUBGRADE, TXDOT ITEM 260, "LIME TREATMENT FOR MATERIALS USED AS SUBGRADE (ROAD MIXED)"

NOTES: 1. PAVEMENT AND SUBGRADE TO BE CONSTRUCTED ACCORDING TO THE ETTL **GEOTECHNICAL INVESTIGATION DATED 3-13-20132**









- (1) 6" 3500 PSI NON-REINFORCED PORTLAND CEMENT CONCRETE SIDEWALK
- 2 4" CRUSHED STONE BASE TXDOT ITEM 247 TYPE A GRADE 2 (COMPACTED TO 95% MODIFIED PROCTOR)
- (3) 12" SCARIFIED, MOISTURE CONDITIONED AND RE-COMPACTED SUBGRADE

NOTES: 1. CONTROL JOINT SPACING @ 5'-0" MAX EXPANSION JOINT SPACING @ 25'-0"

CONCRETE SIDEWALK

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CONSULTANTS:

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PROJECT INFORMATION:

PRODUCTION FACILITY EXPANSION 3500 WASHINGTON ST. TEXARKANA, AR

CLIENT INFORMATION:

COOPER TIRE 900 Lima Ave. Findlay, Ohio

45840 TEX-16023 CLIENT PROJECT NO:

3 02/26/20 ISSUE FOR PERMITS 2 02/20/20 ADDENDUM 6 1 01/10/20 ISSUE FOR BIDS

NO. DATE SUBJECT REVISION OR ISSUE

SSOE, Inc. 2204 Lakeshore Drive Suite 110 Homewood, AL 35209 T. (205) 323-2373

020-00082-00 PROJECT NO: PROJECT MANAGER: S. DUNN DESIGNED: J. MARSH

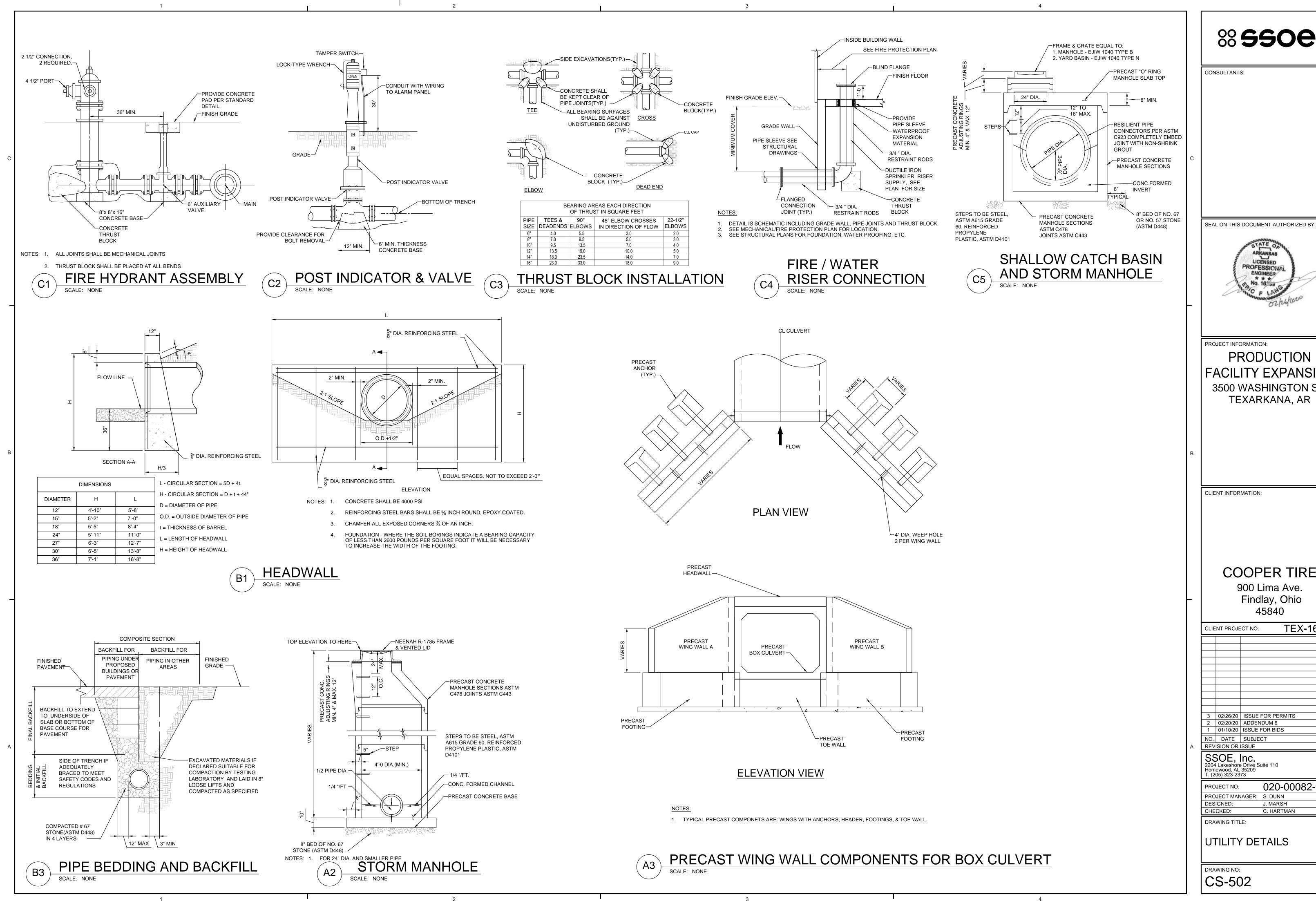
C. HARTMAN

DRAWING TITLE:

CHECKED:

SITE DETAILS

DRAWING NO: CS-501



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PROJECT INFORMATION:

PRODUCTION FACILITY EXPANSION 3500 WASHINGTON ST. TEXARKANA, AR

CLIENT INFORMATION:

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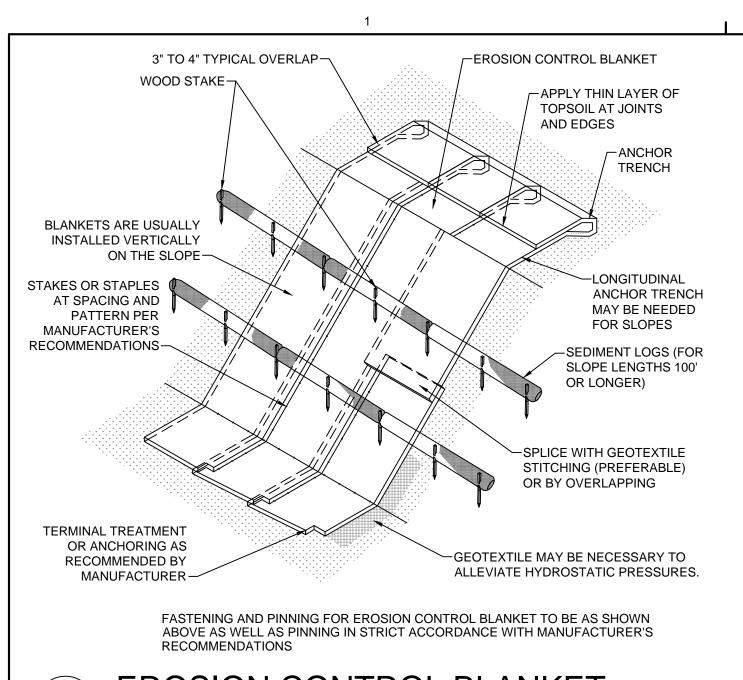
900 Lima Ave. Findlay, Ohio 45840

LIE	NT PROJE	ECT NO: TEX-16023				
3	02/26/20	ISSUE FOR PERMITS				
2 1	02/20/20	ADDENDUM 6				
1	01/10/20	ISSUE FOR BIDS				
Ю.	DATE	SUBJECT				
REV	EVISION OR ISSUE					
SOE, Inc. 204 Lakeshore Drive Suite 110 lomewood, AL 35209 . (205) 323-2373						
. (2	00) 020-20	10				

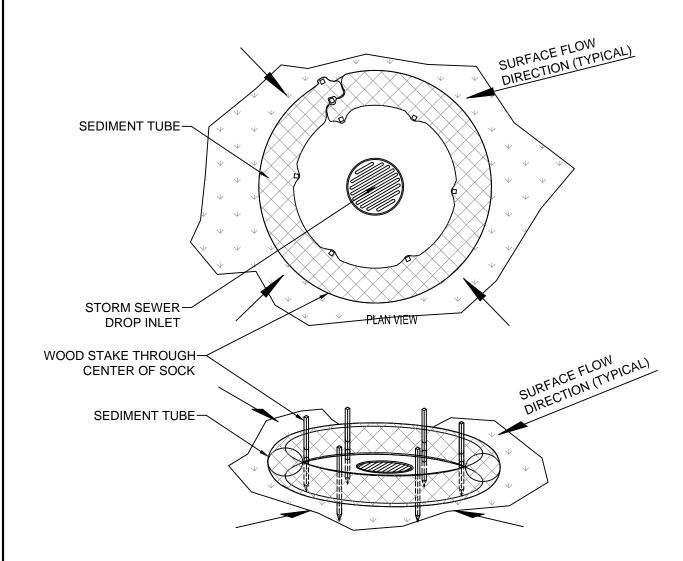
020-00082-00

C. HARTMAN

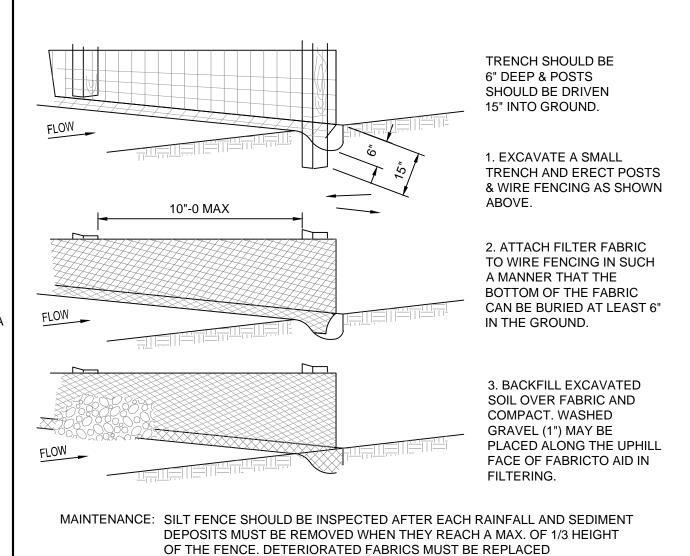
UTILITY DETAILS



EROSION CONTROL BLANKET

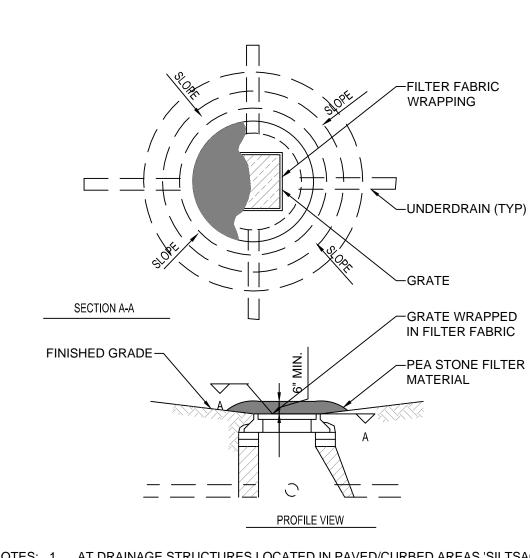


INLET PROTECTION-DROP INLET



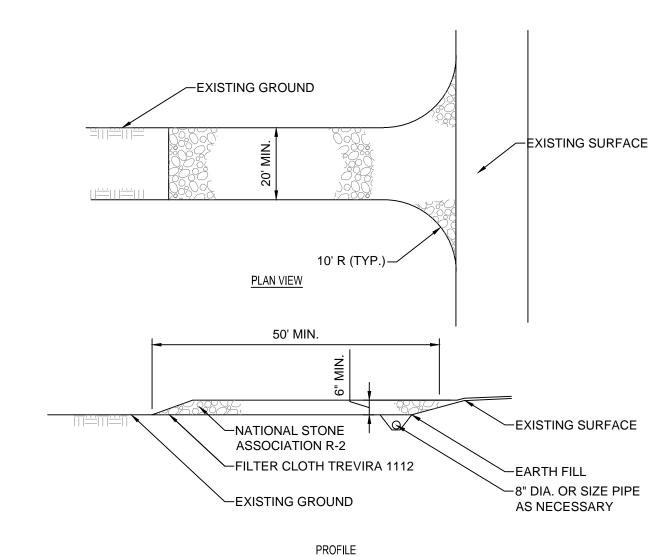
SILT FENCE

IMMEDIATELY.

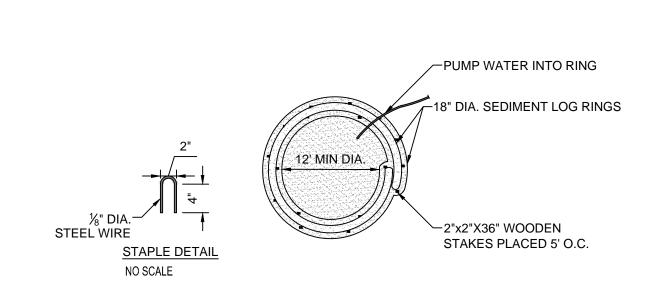


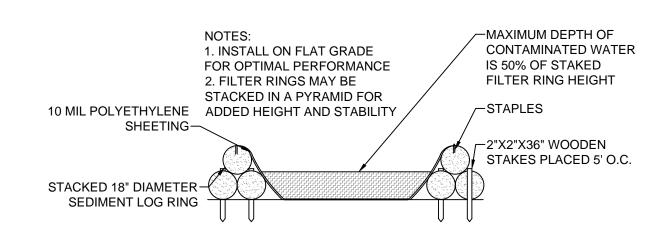
NOTES: 1. AT DRAINAGE STRUCTURES LOCATED IN PAVED/CURBED AREAS 'SILTSACK' FILTER BASKET OR APPROVED EQUAL MAY BE INSTALLED IN LIEU OF STONE INLET FILTER AFTER PAVEMENT INSTALLATION.

INLET FILTER-AFTER FINAL GRADE

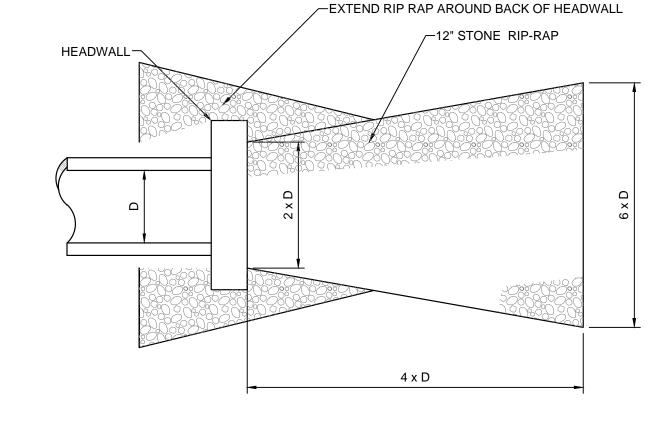


STABILIZED CONSTRUCTION ENTRANCE/EXIT SCALE: NONE









NOTES: 1. D = PIPE DIAMETER.

2. EXTEND THE APRON UP THE CHANNEL BANKS.

3. FILTER FABRIC SHALL BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION.

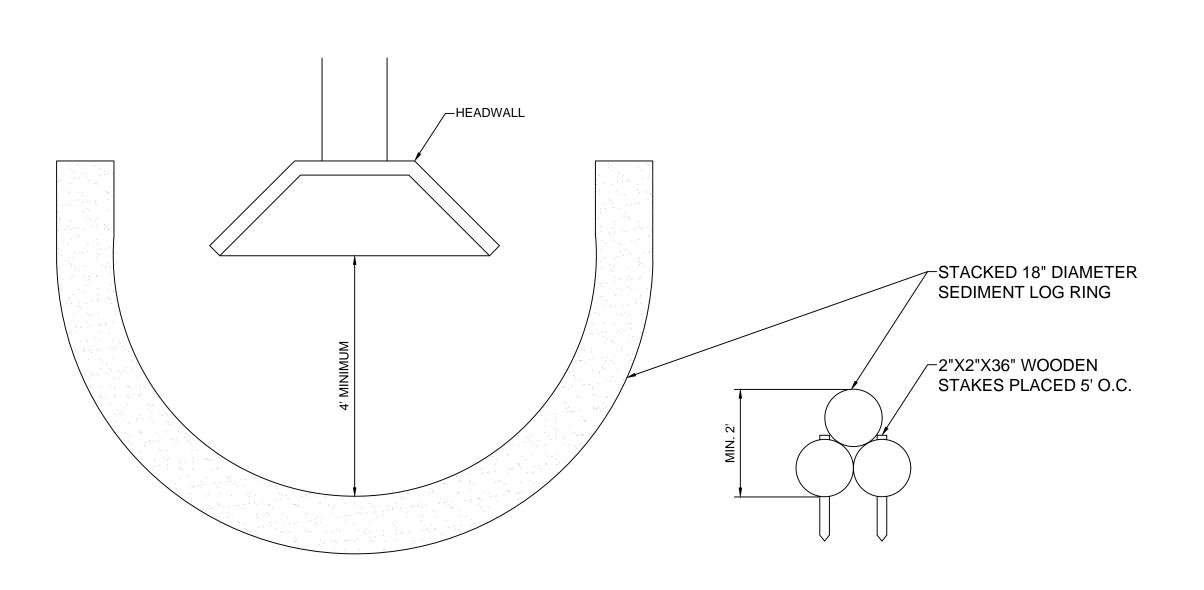
MINIMUM RIPRAP THICKNESS IS 1.5 FEET.

OUTLET PROTECTION SHOWN, INLET TO BE HALF OF HORIZONTAL DIMENSIONS

6. EXTEND RIP RAP AROUND BACK OF HEADWALL

AT DITCH 90° BEND OR TEE INTERSECTION, RIP RAP TO EXTEND TO TOP OF BANKS AND A MINIMUM OF 6 TIMES THE PIPE DIAMETER IN EACH DIRECTION, UNLESS SHOWN OTHERWISE ON THE DRAWINGS.



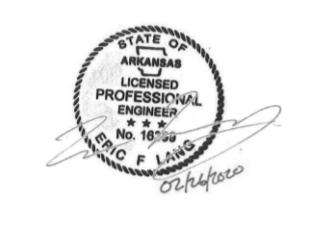


HEADWALL INLET PROTECTION

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CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:

PRODUCTION FACILITY EXPANSION 3500 WASHINGTON ST. TEXARKANA, AR

CLIENT INFORMATION:

COOPER TIRE

900 Lima Ave. Findlay, Ohio 45840

	45040					
CLIE	NT PROJE	TEX-16023				
2	02/26/20	ISSUE FOR PERMITS				
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NO.	DATE	SUBJECT				
REV	REVISION OR ISSUE					
Hom	SOE, Lakeshore ewood, AL 05) 323-23	nc. e Drive Suite 110 35209 73				

020-00082-00 PROJECT NO: PROJECT MANAGER: S. DUNN DESIGNED: C. HARTMAN CHECKED: DRAWING TITLE:

EROSION AND SEDIMENT CONTROL DETAILS

DRAWING NO: CS-503