

AGENDA
LAKE SITE CITY COMMISSION REGULAR MEETING
May 20, 2025 – 5:30 p.m.

Lakesite City Hall, Commission Chambers, 9201 Rocky Point Road, Lakesite
Mayor David Howell, Vice-Mayor Bobby Bishop, Commissioner Valerie Boddy, Commissioner
Michelle Wilson, Commissioner Wayne Behlau

1. Call to Order

2. Invocation and Pledge of Allegiance

3. Roll Call

4. Approval of the Minutes

Regular Meeting of April 15, 2025

5. Communications

- a. Sheriff's Office
- b. Fire Department
- c. Citizens wishing to be heard - *Please raise your hand to be recognized by the mayor, state your name and address and limit your comments to 3 minutes.*

6. Committee Reports

Public Safety – Mayor Howell
Public Utilities – Commissioner Behlau
Budget and Finance – Commissioner Boddy
Public Works – Vice Mayor Bishop
Parks and Recreation – Commissioner Wilson
Kirsten Ert Acuff, City Manager – City Manager's Report

7. Old Business

- a. **2nd Reading and Public Hearing** of the City of Lakesite, Tennessee to **Adopt the Annual Budget** for the Fiscal Year Beginning July 1, 2025 and Ending June 30, 2026.
ROLL CALL: Vice Mayor Bishop; Commissioner Boddy; Commissioner Wilson; Commissioner Behlau; Mayor Howell
- b. **2nd Reading and Public Hearing** of the City of Lakesite, Tennessee to provide for the **General Revenue Thereof for the Fiscal Year 2025-2026 on an Interim Basis Pending Receipt of the "Certified Rate"** from the Assessor of Property of Hamilton County, Tennessee, Pursuant to T.C.A. Section 67-5-1701, to be Known as the General Revenue Ordinance for Said Year. ROLL CALL: Vice Mayor Bishop; Commissioner Boddy; Commissioner Wilson; Commissioner Behlau; Mayor Howell

8. New Business

- a. **ARP TDEC Stormwater Improvement Project - Bid Evaluation and Selection**
ROLL CALL: Vice Mayor Bishop; Commissioner Boddy; Commissioner Wilson; Commissioner Behlau; Mayor Howell

9. Adjournment

Lakesite Commission
City Hall

Book 6 Page
Budget Workshop

April 15, 2025

A **special meeting of the City Commission** of the City of Lakesite was held on **April 15, 2024** at **3:04 p.m.** at the Lakesite City Hall, 9201 Rocky Point Road, Lakesite. The purpose of the meeting was to hold an open discussion budget workshop.

Meeting was **CALLED TO ORDER** by Mayor David Howell at 3:00 p.m. City Commission members present were Vice Mayor Bobby Bishop, Commissioners Wayne Behlau, Valerie Boddy and Michelle Wilson. Also present was City Manager Kirsten Ert Acuff.

There were no attendees from the public.

The City Manager presented her proposed line-item budget to the City Commission. General discussion ensued.

It was noted that this proposed budget does not involve a tax rate increase.

No votes were taken during the meeting. As there were no members of the public, there were no questions.

The meeting adjourned at 4:17 p.m.

ATTEST:

Kirsten Ert Acuff
City Manager

David Howell
Mayor

Lakesite Commission
City Hall

Book 6 Page
Regular Meeting

April 15, 2025

The **regular meeting** of the City Commission of the City of Lakesite was held on April 15, 2025 at 5:30 p.m. at the Lakesite City Hall, 9201 Rocky Point Road, Lakesite.

Meeting was **CALLED TO ORDER** by Mayor David Howell at 5:30 p.m. City Commission members present were Mayor David Howell, Vice Mayor Bobby Bishop, Commissioners Valerie Boddy, Michelle Wilson, and Wayne Behlau. Also present were Kirsten Ert Acuff, City Manager, Sam Elliot, City Attorney, Jodi P. LaCroix, City Clerk/Recorder, Ethan McBee, Public Works Department.

Also, present were: Marty Haynes, Hamilton County Tax Assessor, Matt Lea and Sgt. George Delker, Hamilton County Sheriff's Department, Mel Newby, Dallas Bay Volunteer Fire Department, David Pickenpaugh, Carolyn Horne, Linda Behlau, Noreen and Gerald Power, and Jeff Eblen.

Mayor Howell reviewed the meeting rules. If no objection, he asked to change the order of the agenda. Finding none, he asked Mr. Lea to go first.

Communications:

Sheriff's Department Report: Matt Lea gave his report for the month of March, 2025.

Traffic Citations – 4	Traffic Crash - 3
Traffic Warnings – 18	Theft - 3
Arrests – 2	Burglary - 1
Watch List – 0	Burglar Alarms - 6
Disorder – 5	Park & Walk - 0
Assault – 2	Robbery - 0

There were a total of 88 calls for March, which was the same as last month. In March of 2024 there were 105 calls. May is National Water Safety and Motorcycle Safety months. He also stated that May 15 is National Peace Officers Memorial Day and the calendar week in which May 15 falls, as National Police Week. National Police Week pays special recognition to those law enforcement officers who have lost their lives in the line of duty for the safety and protection of others. Locally we celebrate national Police Week with our Law Enforcement Memorial Ceremony which will be held Friday, May 16th at 10:00 am at the Law Enforcement Memorial located at 600 Market Street.

Fire Department Report: Mel Newby gave the Dallas Bay Volunteer Fire Department report for last month. There was a total of 59 calls in Lakesite with the average response time of 5 minutes and 34 seconds.

Rescue and EMS – 37	Service Calls – 16	Good Intent Call - 1
Hazardous Conditions – 2	False Alarms – 3	

Mayor Howell then introduced Marty Haynes, Hamilton County Tax Assessor. Mr. Haynes thanked Mayor Howell and City Manager Kirsten Ert Acuff for having him in attendance. He explained to those in attendance about the process of re-valuation and what it means for Lakesite. Mr. Haynes explained that countywide values have gone up, on the average, 60%. This also means that the tax rate will be going down.

There are approximately 140,000 family structures, 10,000 vacant lots, 2,200 green properties/agricultural properties, 4,000 churches, 9,000 commercial properties, 1,000 industrial and numerous governmental/exempt properties. Notices have already been sent out to 90,000 with another 60,000 more to go. The new values come from sales figures in the neighborhoods. Top and bottom outliers are kicked out. Mr. Haynes said there were a total of 848 residential properties in Lakesite with a median increase of home values of 52% (median = half of the homes increased less than 52%, the other half increased more than 52%).

Taxes on residential properties are paid only on 25% of the assessed value. Apartments are 40%, Industrial is 40%. Currently, the tax rate on those 25%/40% is \$0.20 per \$100. Per state law, the city must pass an interim tax rate with the budget by June 30. The certified tax rate should be sent to the cities by mid-July. Local government can't have a windfall unless you have a tax rate increase. The Comptroller's Office watches all this very carefully. Because home values have increased so much, Lakesite's tax rate could go from \$.20 to \$0.12 or \$0.15 per \$100. To be determined by the Assessor's office this summer.

The notices going out will have a QR code, email address and telephone number for the Assessor's Office for people to contact. Tax bills go out in October, which the County Trustee then collects.

Draft Minutes April 15, 2025 to be approved at the May 20, 2025 Commission Meeting.

Minutes:

Motion made by Vice Mayor Bishop, seconded by Commissioner Behlau and approved unanimously the minutes of the regular meeting of March 18, 2025.

Citizen Comments: there were none.

Committee Reports:

Public Safety – Mayor Howell had no further safety comments.

Public Utilities – Commissioner Behlau reported that the 3 acres across from Hixson Pike, next to the Church still has not responded to Water Quality and put up a silt fence nor vegetated. He is following up on that because it still causes dangerous flooding on Hixson Pike during rain events and pushes significant amounts of debris and dirt into the city right-of-way on Old Hixson Pike.

The new subdivision going in on Hixson Pike: He has received correspondence from County Commissioner Smith, who raised traffic concerns on this. City Manager Ert Acuff spoke to TDOT and it is on their radar. She hopes they will install signage to alert drivers of other drivers entering Hixson Pike on the downslope of the hill which is not visible when coming up on it.

Wastewater Treatment: All legislation he spoke about last month has been resolved.

Budget and Finance – Commissioner Boddy reported that Revenue was \$1,503,818.44 and Expenses were \$1,219,712.28 leaving a net of \$284,106.16.

Public Works – Vice Mayor Bishop reported that the paving will be starting May 22 and McConnell School Road will be done when school gets out. Spending more on equipment replacement such as a push mower and zero turn mower. The mowers are old and in need of replacement. We got a new grabber for the tractor for our ditch work. We have received no complaints so we are heading in the right direction. We still have work to do but we are getting there. We will be getting bids back on April 30th on the drainage work. The next meeting we should have more information. We anticipate putting out tree service bids for more trimming and removals.

Parks and Recreation – Commissioner Wilson reported that the shade structure is now up at the pool.

City Manager Report – City Manager Ert Acuff gave updates on the following:

- Backplates on the traffic lights for both intersections on Hixson Pike will be installed to increase visibility during sunset hours
- Pedestrian beacons for Dallas Crossing to make crossing there safer for residents
- Pool Shade Structure has been installed; ordering additional umbrellas
- Mowing has started; sprayed for weeds in business district; sprayed for ants; replacing 7 Redbuds; planted annuals
- Working on a plan for business district – needs to be mulched but we may use river rock or replace with sod in some areas to save money going forward; should have estimates this week
- Loose dogs – McKamey has been doing patrols and speaking to property owners. Some citizens want us to use HES. They are in bad financial shape. There is talk of the County looking at potential solutions. We don't have a lot of options of what more we can do. Other cities hold city court and it is not feasible for us and the number of complaints we have. By law we can only charge a fine of \$50. It is very cost prohibitive.
- Working on pressure washing date for city hall, tennis courts, basketball court

Draft Minutes April 15, 2025 to be approved at the May 20, 2025 Commission Meeting.

- Trees in the playground – we know some trees need to be removed while some can be trimmed; some residents want us to do it, another has left a message that we should just post a CAUTION sign and leave it as is. This work is being done for safety purposes.
- We are still working on some additional equipment purchases (salt spreader for new truck; additional zero-turn mower, grapple attachment for our tractor, new push power for small spaces)
- We made some repairs in the bathrooms in the park – the locks were reset and work now
- Several ditches have been cleaned out and Ethan has dug new drains in some locations
- The stormwater project bid request is still open until April 30. Questions have been answered yesterday to all interested parties
- We're still looking for a new member for our parks board; next parks board meeting to discuss a fall event is next Tuesday at 5pm. We are going to set an annual schedule so people will know well in advance when the meeting is.
- We're turning the fountains in the park on this week since temperatures are stable now; we will be spraying the dog park for fleas as a prevention
- All façade grant program projects are complete and the remaining grant money is being paid out on Monday. I hope to take some pictures of the new signs and roof with the commission later this month or in May; we're opening the new round this summer/fall
- Most of the bills we have monitoring in Nashville have been rolled to next year or have died; the grocery tax bill has been rolled behind the budget so we are still monitoring that one
- Pool pass sale begins May 1

Mayor Howell asked that the water fountains be double checked to make sure they function with no leaks.

City Manager Ert Acuff also reported that we still have some tree saplings left over from last year that Commission Behlau has been taking care of and will bring to city hall if anyone would like one.

Old Business: None

New Business:

a. Proposed Pool Fees:

Resident Season Pass Fees – No increase

Family of 5 - \$250 (additional family members \$40 per person – also no increase)

Single – \$150

Non-Resident

Family of 5 - \$300 (additional family members \$50 per person – no increase)

Single - \$200

Children under 3 swims for free for resident and non-resident

Pool Parties: 2 hours - \$200

4 hours - \$350

This fee includes lifeguard and cleanup

Motion made by Commissioner Wilson, seconded by Vice Mayor Bishop to **approve the 2025 pool fees as proposed by the City Manager.**

ROLL CALL: Vice Mayor Bishop-yes; Commissioner Boddy-yes; Commissioner Wilson-yes; Commissioner Behlau-yes; Mayor Howell-yes. **Motion Carries.**

b. Resolution 124 Neighborhood Traffic Calming Program

This resolution is to establish a neighborhood traffic calming program to address speeding traffic and related safety concerns within residential neighborhoods. This will apply to local and residential streets only. Collector and arterial streets that are located in commercial zoning districts will not be considered for traffic calming. There is a list of criteria that a resident (s) wanting this must adhere to first such as obtaining 60% of their neighbors' signatures of approval. Discussion ensued.

Motion made by Commissioner Behlau, seconded by Vice Mayor Bishop to **approve Resolution #124, Neighborhood Traffic Calming Program with an Amendment to Require at least 60% of Affected Neighbor Signatures in Support of the Calming Measure.**

ROLL CALL: Vice Mayor Bishop-yes; Commissioner Boddy-yes; Commissioner Wilson-yes; Commissioner Behlau-yes; Mayor Howell-yes. **Motion Carries.**

c. Introduction and 1st Reading of Ordinance No. 318 to Adopt the Annual Budget or the Fiscal Year beginning July 1, 2025 and Ending June 30, 2026.

The 2nd Reading and Public Hearing will be held on May 20, 2025. Mayor Howell thanked City Manager Ert Acuff for this beautifully put together budget, despite her being on maternity leave and caring for her newborn.

Motion made by, seconded by Commissioner Boddy, seconded by Commissioner Wilson to approve and adopt **Ordinance No. 318 Adopt the Annual Budget or the Fiscal Year beginning July 1, 2025 and Ending June 30, 2026** with the 2nd reading and public hearing to be held May 20, 2025.

ROLL CALL: Vice Mayor Bishop-yes; Commissioner Boddy-yes; Commissioner Wilson-yes; Commissioner Behlau-yes; Mayor Howell-yes. **Motion Carries.**

d. Introduction and 1st Reading of Ordinance No. 319 to provide for the General Revenue for the Fiscal Year 2025-2026 on an INTERIM Basis Pending Receipt of the "Certified Rate" from the Assessor of Property of Hamilton County, Tennessee, Pursuant to T.C.A. Section 67-5-1701, to be known as the General Revenue Ordinance for Said Year.

The 2nd Reading and Public Hearing will be held on May 20, 2025.

Motion made by, seconded by Commissioner Boddy, seconded by Commissioner Wilson to approve and adopt **Ordinance No. 319 to provide for the General Revenue for the Fiscal Year 2025-2026 on an Interim Basis** Pending Receipt of the "Certified Rate" from the Assessor of Property of Hamilton County, Tennessee

ROLL CALL: Vice Mayor Bishop-yes; Commissioner Boddy-yes; Commissioner Wilson-yes; Commissioner Behlau-yes; Mayor Howell-yes. **Motion Carries.**

The next regular meeting will take place on Tuesday, May 20, 2025.

Adjournment

Adjournment took place at 6:20 p.m.

Draft Minutes April 15, 2025 to be approved at the May 20, 2025 Commission Meeting.

City Manager

City of Lakesite
Approved

ATTEST:

Jodi P. LaCroix, CMC
City Clerk/Recorder

DRAFT 4-15-25



HAMILTON COUNTY SHERIFF'S OFFICE

CITY OF LAKESITE

CALLS FOR SERVICE – APRIL 2025

TRAFFIC CITATIONS (0)

TRAFFIC WARNINGS (9)

ARRESTS (3*)

WATCHLIST (1)

DISORDER (3)

ASSAULT (0)

TRAFFIC CRASH (9)

- 2318 Dockside Drive
- 8465 Hixson Pike
- 8531 Hixson Pike
- 8540 Hixson Pike
- 8600 Hixson Pike
- 8822 Dallas Hollow Road
- Daisy Dallas Road / Hixson Pike
- Hixson Pike / Daisy Dallas Road (x2)

THEFT (3)

- 8600 Hixson Pike (x2)
- 9138 Old Hixson Pike

BURGLARY (1)

- 8703 Hixson Pike

BURGLAR ALARMS (9)

- 2988 Chimney Lake Circle
- 8425 Hixson Pike
- 8514 Hixson Pike (x3)
- 8527 Hixson Pike
- 8618 Kensley Lane
- 9006 Rocky Point Roa
- 9429 Thrasher Trail

PARK & WALK (0)

LAKESITE TOTAL SERVICE CALLS			
Month	2023	2024	2025
January	152	124	94
February	152	81	88
March	173	105	88
April	142	102	71
May	138	135	
June	167	144	
July	126	104	
August	174	120	
September	177	98	
October	142	103	
November	127	84	
December	134	105	
Total	1804	1305	341

*** A single traffic stop led to the arrest of two individuals, each linked to three separate cases.

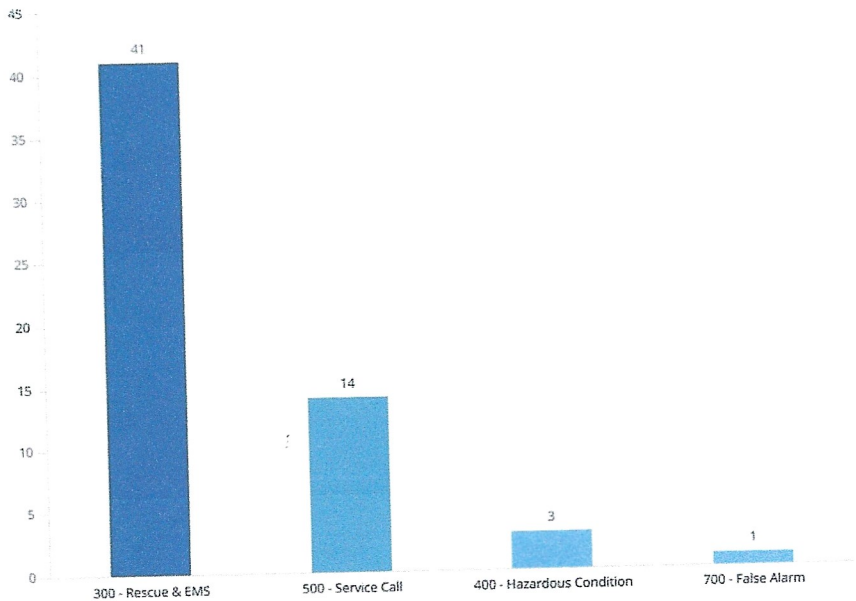
Filters: Alarm Date Range: 4/1/25 to 4/30/25
Is Locked: include all
Is Active: true
District: City of Lakesite

DBFD - City of Lakesite Calls by Incident Types

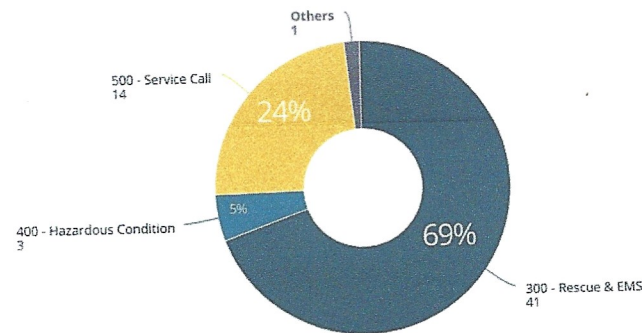
Count of Total Incidents

Incident Number
59

Count of Incidents by Incident Type Group and Year



Percentage of Incident Type Group



Count of Incidents by Type

Incident Type Group	Incident Type	Incident Type Code	Count of Incidents	
			04/2025	Grand Total
300 - Rescue & EMS	EMS call, excluding vehicle accident with injury	321	35	35
	Extrication of victim(s) from vehicle	352	2	2
	Motor vehicle accident with injuries	322	2	2
	Rescue, EMS incident, other	300	2	2
300 - Rescue & EMS Total			41	41
400 - Hazardous Condition	Gasoline or other flammable liquid spill	411	1	1
	Power line down	444	2	2
400 - Hazardous Condition Total			3	3
500 - Service Call	Assist invalid	554	11	11
	Assist police or other governmental agency	551	2	2
	Person in distress, other	510	1	1
500 - Service Call Total			14	14
700 - False Alarm	Alarm system sounded due to malfunction	735	1	1
Grand Total			59	59

Filters: Alarm Date Range: 4/1/25 to 4/30/25
Is Locked: true
Is Active: true
District: City of Lakesite

DBFD - City of Lakesite Fire Property Loss

Count of Total Incidents

Total Count of Incidents
59

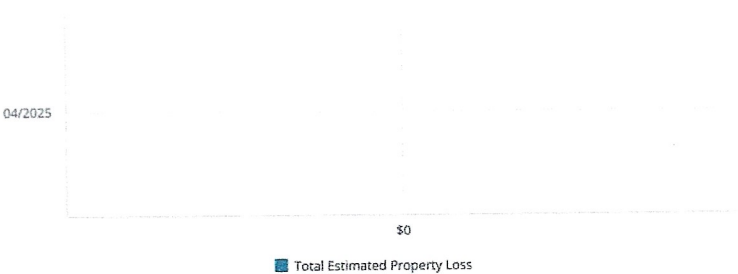
Incidents with Property Value Change

Count of Incidents with Property Loss
0
Percent of Property Value Saved #N/A

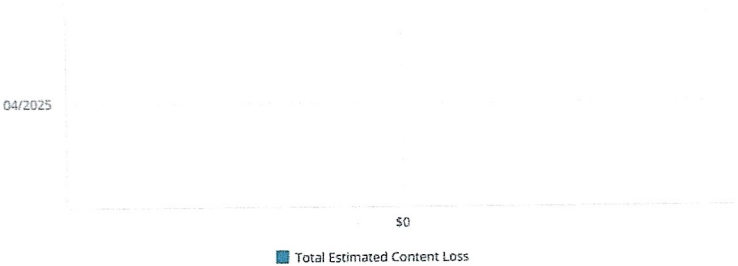
Incidents with Content Value Change

Count of Incidents with Content Loss
0
Percent of Content Value Saved #N/A

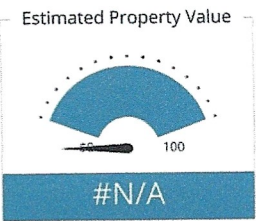
Estimated Property Loss by Month



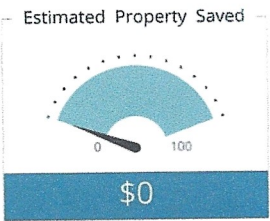
Estimated Content Loss by Month



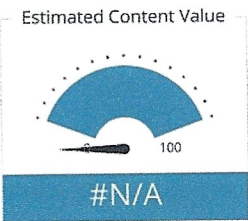
Estimated Property Value



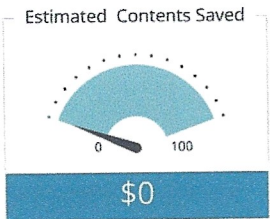
Estimated Property Saved



Estimated Property Value



Estimated Property Saved



Filters: Alarm Date Range: 4/1/25 to 4/30/25
Is Locked: Include all
Is Active: true
District: City of Lakesite

DBFD - City of Lakesite - Fire Addresses and Location

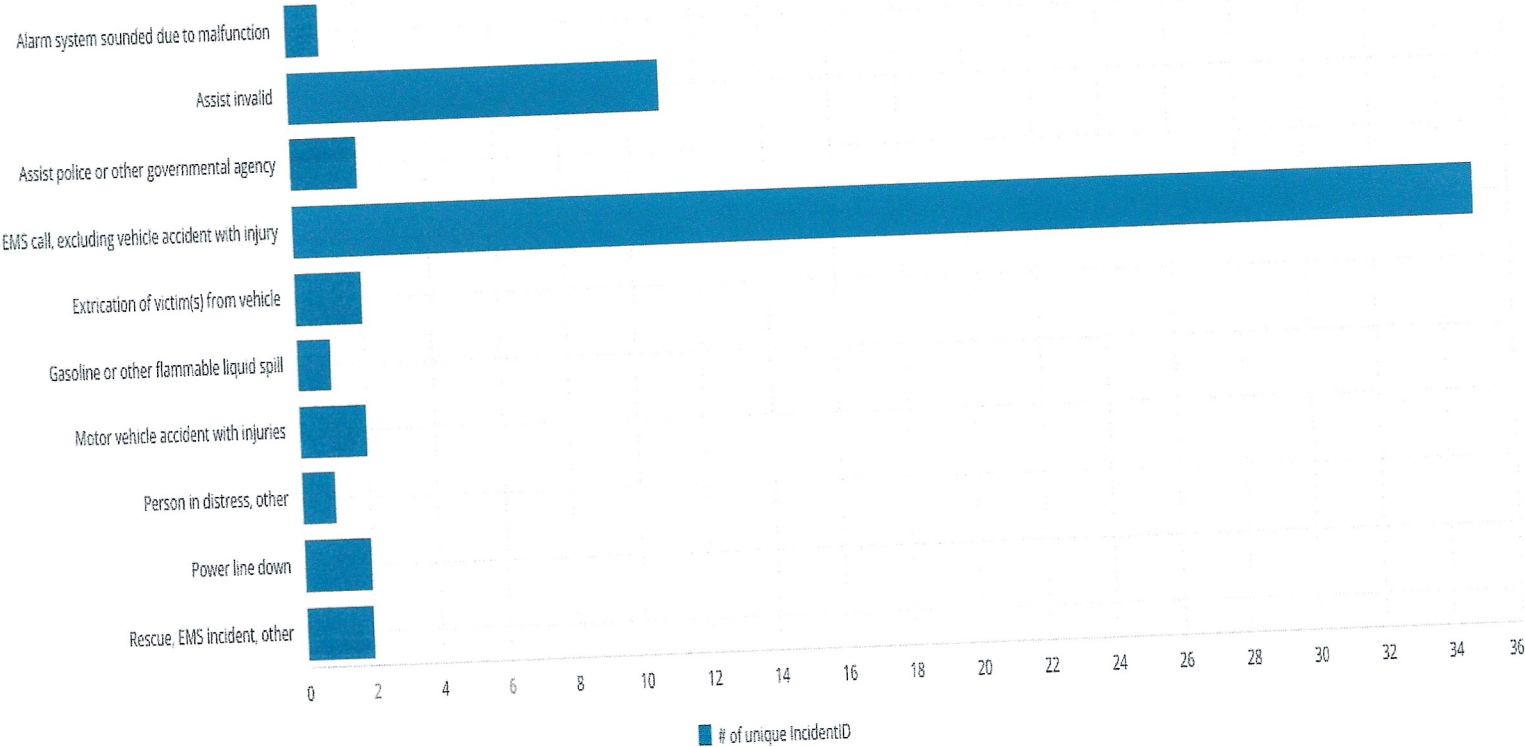
Count of Total Incidents

Average Response Time

Incident Number
59

Average Lakesite Response Time
0h:5m:32s

Incident Types



DBFD - Current Calendar Month Fire Addresses and Location

Source : Fire Incidents.

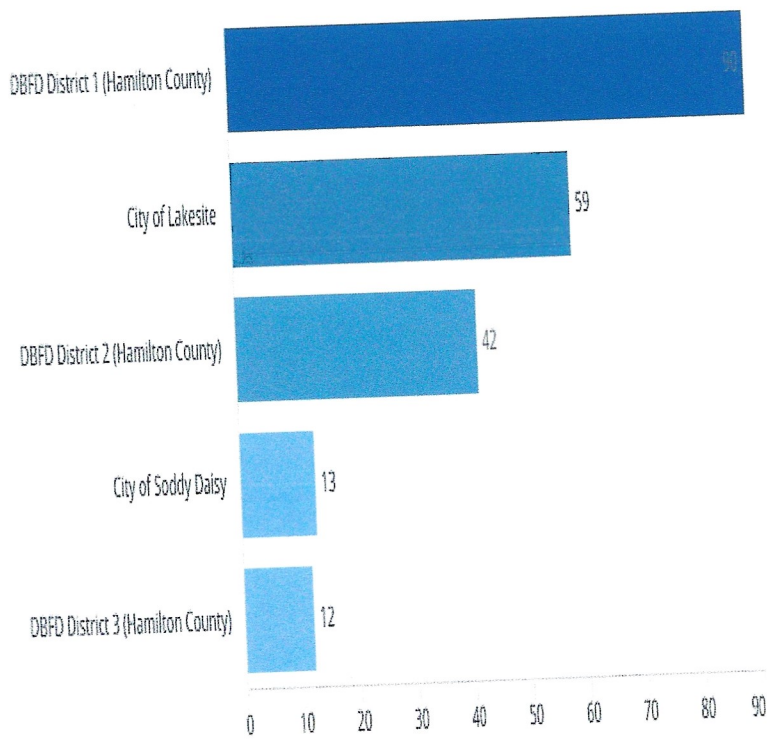
Filters: Alarm Date Range: 4/1/25 to 4/30/25
Is Locked: Include all
Is Active: true

DBFD - Fire Addresses and Location

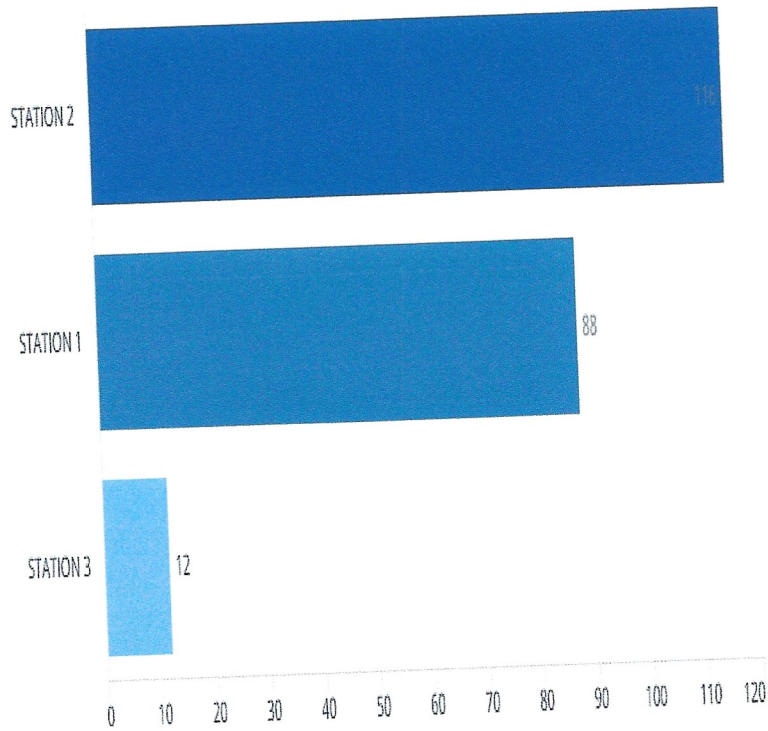
Count of Total Incidents

Incident Number: 219

Count of Incidents by District



Count of Incidents by Station



Incident Number	Incident Date	Incident Ty	Incident Type
2025-04-43980	4/30/25	321	EMS call, excluding vehicle accident with injury
2025-04-44162	4/30/25	321	EMS call, excluding vehicle accident with injury
2025-04-44174	4/30/25	322	Motor vehicle accident with injuries
2025-09-000656	4/1/25	554	Assist invalid
2025-09-000657	4/1/25	321	EMS call, excluding vehicle accident with injury
2025-09-000658	4/1/25	554	Assist invalid
2025-09-000659	4/1/25	321	EMS call, excluding vehicle accident with injury
2025-09-000660	4/1/25	322	Motor vehicle accident with injuries
2025-09-000661	4/1/25	321	EMS call, excluding vehicle accident with injury
2025-09-000662	4/1/25	321	EMS call, excluding vehicle accident with injury
2025-09-000663	4/1/25	321	EMS call, excluding vehicle accident with injury
2025-09-000664	4/1/25	321	EMS call, excluding vehicle accident with injury
2025-09-000665	4/1/25	531	Smoke or odor removal
2025-09-000666	4/1/25	111	Building fire
2025-09-000667	4/2/25	735	Alarm system sounded due to malfunction
2025-09-000668	4/2/25	322	Motor vehicle accident with injuries
2025-09-000669	4/2/25	321	EMS call, excluding vehicle accident with injury
2025-09-000670	4/2/25	322	Motor vehicle accident with injuries
2025-09-000671	4/2/25	554	Assist invalid
2025-09-000672	4/2/25	321	EMS call, excluding vehicle accident with injury
2025-09-000673	4/3/25	321	EMS call, excluding vehicle accident with injury
2025-09-000674	4/3/25	321	EMS call, excluding vehicle accident with injury
2025-09-000675	4/3/25	321	EMS call, excluding vehicle accident with injury
2025-09-000676	4/3/25	321	EMS call, excluding vehicle accident with injury
2025-09-000677	4/3/25	531	Smoke or odor removal
2025-09-000678	4/3/25	321	EMS call, excluding vehicle accident with injury
2025-09-000679	4/3/25	554	Assist invalid
2025-09-000680	4/3/25	352	Extrication of victim(s) from vehicle
2025-09-000681	4/3/25	531	Smoke or odor removal
2025-09-000682	4/3/25	554	Assist invalid
2025-09-000683	4/3/25	554	Assist invalid
2025-09-000684	4/3/25	321	EMS call, excluding vehicle accident with injury
2025-09-000685	4/4/25	321	EMS call, excluding vehicle accident with injury
2025-09-000686	4/4/25	321	EMS call, excluding vehicle accident with injury
2025-09-000687	4/4/25	321	EMS call, excluding vehicle accident with injury
2025-09-000688	4/4/25	322	Motor vehicle accident with injuries
2025-09-000689	4/4/25	444	Power line down
2025-09-000690	4/4/25	321	EMS call, excluding vehicle accident with injury
2025-09-000691	4/4/25	321	EMS call, excluding vehicle accident with injury
2025-09-000692	4/5/25	554	Assist invalid
2025-09-000693	4/5/25	321	EMS call, excluding vehicle accident with injury
2025-09-000694	4/5/25	321	EMS call, excluding vehicle accident with injury
2025-09-000695	4/5/25	531	Smoke or odor removal
2025-09-000696	4/5/25	554	Assist invalid
2025-09-000697	4/6/25	321	EMS call, excluding vehicle accident with injury
2025-09-000698	4/6/25	321	EMS call, excluding vehicle accident with injury

2025-09-000699	4/6/25 554	Assist invalid
2025-09-000700	4/6/25 321	EMS call, excluding vehicle accident with injury
2025-09-000701	4/6/25 444	Power line down
2025-09-000702	4/6/25 444	Power line down
2025-09-000703	4/6/25 551	Assist police or other governmental agency
2025-09-000704	4/6/25 321	EMS call, excluding vehicle accident with injury
2025-09-000705	4/6/25 321	EMS call, excluding vehicle accident with injury
2025-09-000706	4/6/25 735	Alarm system sounded due to malfunction
2025-09-000707	4/6/25 321	EMS call, excluding vehicle accident with injury
2025-09-000708	4/6/25 321	EMS call, excluding vehicle accident with injury
2025-09-000709	4/6/25 554	Assist invalid
2025-09-000710	4/7/25 554	Assist invalid
2025-09-000711	4/7/25 321	EMS call, excluding vehicle accident with injury
2025-09-000712	4/7/25 321	EMS call, excluding vehicle accident with injury
2025-09-000713	4/7/25 321	EMS call, excluding vehicle accident with injury
2025-09-000714	4/7/25 321	EMS call, excluding vehicle accident with injury
2025-09-000715	4/7/25 321	EMS call, excluding vehicle accident with injury
2025-09-000716	4/7/25 321	EMS call, excluding vehicle accident with injury
2025-09-000717	4/7/25 321	EMS call, excluding vehicle accident with injury
2025-09-000718	4/7/25 321	EMS call, excluding vehicle accident with injury
2025-09-000719	4/7/25 321	EMS call, excluding vehicle accident with injury
2025-09-000720	4/7/25 321	EMS call, excluding vehicle accident with injury
2025-09-000721	4/8/25 554	Assist invalid
2025-09-000722	4/8/25 321	EMS call, excluding vehicle accident with injury
2025-09-000723	4/8/25 321	EMS call, excluding vehicle accident with injury
2025-09-000724	4/8/25 322	Motor vehicle accident with injuries
2025-09-000725	4/8/25 321	EMS call, excluding vehicle accident with injury
2025-09-000726	4/8/25 134	Water vehicle fire
2025-09-000727	4/8/25 321	EMS call, excluding vehicle accident with injury
2025-09-000728	4/8/25 735	Alarm system sounded due to malfunction
2025-09-000729	4/8/25 321	EMS call, excluding vehicle accident with injury
2025-09-000730	4/8/25 531	Smoke or odor removal
2025-09-000731	4/9/25 321	EMS call, excluding vehicle accident with injury
2025-09-000732	4/9/25 321	EMS call, excluding vehicle accident with injury
2025-09-000733	4/9/25 321	EMS call, excluding vehicle accident with injury
2025-09-000734	4/9/25 321	EMS call, excluding vehicle accident with injury
2025-09-000735	4/10/25 321	EMS call, excluding vehicle accident with injury
2025-09-000736	4/10/25 352	Extrication of victim(s) from vehicle
2025-09-000737	4/10/25 321	EMS call, excluding vehicle accident with injury
2025-09-000738	4/10/25 554	Assist invalid
2025-09-000739	4/10/25 321	EMS call, excluding vehicle accident with injury
2025-09-000740	4/10/25 321	EMS call, excluding vehicle accident with injury
2025-09-000741	4/11/25 554	Assist invalid
2025-09-000742	4/11/25 321	EMS call, excluding vehicle accident with injury
2025-09-000743	4/11/25 321	EMS call, excluding vehicle accident with injury
2025-09-000744	4/11/25 321	EMS call, excluding vehicle accident with injury
2025-09-000745	4/11/25 554	Assist invalid

2025-09-000746	4/11/25 444	Power line down
2025-09-000747	4/12/25 321	EMS call, excluding vehicle accident with injury
2025-09-000748	4/12/25 554	Assist invalid
2025-09-000749	4/12/25 412	Gas leak (natural gas or LPG)
2025-09-000750	4/12/25 735	Alarm system sounded due to malfunction
2025-09-000751	4/12/25 321	EMS call, excluding vehicle accident with injury
2025-09-000752	4/12/25 321	EMS call, excluding vehicle accident with injury
2025-09-000753	4/13/25 321	EMS call, excluding vehicle accident with injury
2025-09-000754	4/13/25 321	EMS call, excluding vehicle accident with injury
2025-09-000755	4/14/25 321	EMS call, excluding vehicle accident with injury
2025-09-000756	4/14/25 321	EMS call, excluding vehicle accident with injury
2025-09-000757	4/14/25 554	Assist invalid
2025-09-000758	4/14/25 321	EMS call, excluding vehicle accident with injury
2025-09-000759	4/14/25 321	EMS call, excluding vehicle accident with injury
2025-09-000760	4/14/25 321	EMS call, excluding vehicle accident with injury
2025-09-000761	4/15/25 651	Smoke scare, odor of smoke
2025-09-000762	4/15/25 111	Building fire
2025-09-000763	4/15/25 554	Assist invalid
2025-09-000764	4/15/25 321	EMS call, excluding vehicle accident with injury
2025-09-000765	4/15/25 444	Power line down
2025-09-000766	4/15/25 111	Building fire
2025-09-000767	4/15/25 321	EMS call, excluding vehicle accident with injury
2025-09-000768	4/15/25 321	EMS call, excluding vehicle accident with injury
2025-09-000769	4/15/25 321	EMS call, excluding vehicle accident with injury
2025-09-000770	4/16/25 322	Motor vehicle accident with injuries
2025-09-000771	4/16/25 321	EMS call, excluding vehicle accident with injury
2025-09-000772	4/17/25 321	EMS call, excluding vehicle accident with injury
2025-09-000773	4/17/25 321	EMS call, excluding vehicle accident with injury
2025-09-000774	4/17/25 736	CO detector activation due to malfunction
2025-09-000775	4/17/25 321	EMS call, excluding vehicle accident with injury
2025-09-000776	4/17/25 321	EMS call, excluding vehicle accident with injury
2025-09-000777	4/17/25 531	Smoke or odor removal
2025-09-000778	4/17/25 651	Smoke scare, odor of smoke
2025-09-000779	4/17/25 321	EMS call, excluding vehicle accident with injury
2025-09-000780	4/18/25 321	EMS call, excluding vehicle accident with injury
2025-09-000781	4/18/25 321	EMS call, excluding vehicle accident with injury
2025-09-000782	4/18/25 321	EMS call, excluding vehicle accident with injury
2025-09-000783	4/18/25 321	EMS call, excluding vehicle accident with injury
2025-09-000784	4/18/25 321	EMS call, excluding vehicle accident with injury
2025-09-000785	4/18/25 321	EMS call, excluding vehicle accident with injury
2025-09-000786	4/18/25 321	EMS call, excluding vehicle accident with injury
2025-09-000787	4/18/25 321	EMS call, excluding vehicle accident with injury
2025-09-000788	4/18/25 321	EMS call, excluding vehicle accident with injury
2025-09-000789	4/19/25 352	Extrication of victim(s) from vehicle
2025-09-000790	4/19/25 321	EMS call, excluding vehicle accident with injury
2025-09-000791	4/19/25 554	Assist invalid
2025-09-000792	4/19/25 551	Assist police or other governmental agency

2025-09-000793	4/19/25 733	Smoke detector activation due to malfunction
2025-09-000794	4/19/25 322	Motor vehicle accident with injuries
2025-09-000795	4/19/25 322	Motor vehicle accident with injuries
2025-09-000796	4/19/25 531	Smoke or odor removal
2025-09-000797	4/20/25 321	EMS call, excluding vehicle accident with injury
2025-09-000798	4/20/25 321	EMS call, excluding vehicle accident with injury
2025-09-000799	4/20/25 321	EMS call, excluding vehicle accident with injury
2025-09-000800	4/20/25 321	EMS call, excluding vehicle accident with injury
2025-09-000801	4/20/25 321	EMS call, excluding vehicle accident with injury
2025-09-000802	4/20/25 321	EMS call, excluding vehicle accident with injury
2025-09-000803	4/20/25 321	EMS call, excluding vehicle accident with injury
2025-09-000804	4/20/25 735	Alarm system sounded due to malfunction
2025-09-000805	4/20/25 510	Person in distress, other
2025-09-000806	4/21/25 321	EMS call, excluding vehicle accident with injury
2025-09-000807	4/21/25 554	Assist invalid
2025-09-000808	4/21/25 736	CO detector activation due to malfunction
2025-09-000809	4/21/25 300	Rescue, EMS incident, other
2025-09-000810	4/21/25 554	Assist invalid
2025-09-000811	4/21/25 321	EMS call, excluding vehicle accident with injury
2025-09-000812	4/21/25 321	EMS call, excluding vehicle accident with injury
2025-09-000813	4/21/25 321	EMS call, excluding vehicle accident with injury
2025-09-000814	4/21/25 321	EMS call, excluding vehicle accident with injury
2025-09-000815	4/21/25 321	EMS call, excluding vehicle accident with injury
2025-09-000816	4/21/25 321	EMS call, excluding vehicle accident with injury
2025-09-000817	4/22/25 321	EMS call, excluding vehicle accident with injury
2025-09-000818	4/22/25 321	EMS call, excluding vehicle accident with injury
2025-09-000819	4/22/25 554	Assist invalid
2025-09-000820	4/22/25 651	Smoke scare, odor of smoke
2025-09-000821	4/22/25 321	EMS call, excluding vehicle accident with injury
2025-09-000822	4/23/25 321	EMS call, excluding vehicle accident with injury
2025-09-000825	4/23/25 321	EMS call, excluding vehicle accident with injury
2025-09-000826	4/23/25 554	Assist invalid
2025-09-000827	4/23/25 321	EMS call, excluding vehicle accident with injury
2025-09-000828	4/23/25 510	Person in distress, other
2025-09-000829	4/23/25 321	EMS call, excluding vehicle accident with injury
2025-09-000830	4/23/25 322	Motor vehicle accident with injuries
2025-09-000831	4/24/25 411	Gasoline or other flammable liquid spill
2025-09-000832	4/24/25 554	Assist invalid
2025-09-000833	4/25/25 735	Alarm system sounded due to malfunction
2025-09-000834	4/25/25 321	EMS call, excluding vehicle accident with injury
2025-09-000835	4/25/25 444	Power line down
2025-09-000836	4/25/25 321	EMS call, excluding vehicle accident with injury
2025-09-000837	4/25/25 321	EMS call, excluding vehicle accident with injury
2025-09-000838	4/25/25 321	EMS call, excluding vehicle accident with injury
2025-09-000839	4/25/25 321	EMS call, excluding vehicle accident with injury
2025-09-000840	4/26/25 321	EMS call, excluding vehicle accident with injury
2025-09-000841	4/26/25 321	EMS call, excluding vehicle accident with injury

2025-09-000842	4/26/25 735	Alarm system sounded due to malfunction
2025-09-000843	4/26/25 551	Assist police or other governmental agency
2025-09-000844	4/26/25 321	EMS call, excluding vehicle accident with injury
2025-09-000845	4/26/25 554	Assist invalid
2025-09-000846	4/26/25 322	Motor vehicle accident with injuries
2025-09-000847	4/26/25 321	EMS call, excluding vehicle accident with injury
2025-09-000848	4/26/25 321	EMS call, excluding vehicle accident with injury
2025-09-000849	4/27/25 321	EMS call, excluding vehicle accident with injury
2025-09-000850	4/27/25 300	Rescue, EMS incident, other
2025-09-000851	4/27/25 321	EMS call, excluding vehicle accident with injury
2025-09-000852	4/27/25 531	Smoke or odor removal
2025-09-000853	4/27/25 322	Motor vehicle accident with injuries
2025-09-000854	4/27/25 321	EMS call, excluding vehicle accident with injury
2025-09-000855	4/28/25 321	EMS call, excluding vehicle accident with injury
2025-09-000856	4/28/25 300	Rescue, EMS incident, other
2025-09-000857	4/25/25 111	Building fire
2025-09-000858	4/28/25 444	Power line down
2025-09-000859	4/28/25 321	EMS call, excluding vehicle accident with injury
2025-09-000860	4/28/25 321	EMS call, excluding vehicle accident with injury
2025-09-000861	4/28/25 321	EMS call, excluding vehicle accident with injury
2025-09-000862	4/28/25 321	EMS call, excluding vehicle accident with injury
2025-09-000863	4/28/25 321	EMS call, excluding vehicle accident with injury
2025-09-000864	4/28/25 321	EMS call, excluding vehicle accident with injury
2025-09-000865	4/29/25 321	EMS call, excluding vehicle accident with injury
2025-09-000866	4/29/25 321	EMS call, excluding vehicle accident with injury
2025-09-000867	4/29/25 321	EMS call, excluding vehicle accident with injury
2025-09-000868	4/29/25 321	EMS call, excluding vehicle accident with injury
	4/29/25 554	Assist invalid
2025-09-000870	4/30/25 321	EMS call, excluding vehicle accident with injury
2025-09-000871	4/30/25 321	EMS call, excluding vehicle accident with injury
2025-09-000872	4/30/25 321	EMS call, excluding vehicle accident with injury
2025-09-000873	4/30/25 321	EMS call, excluding vehicle accident with injury

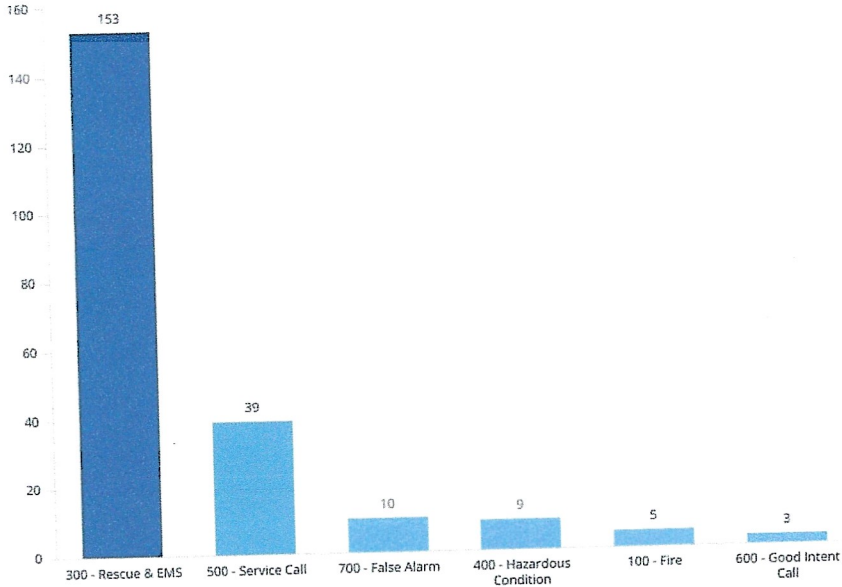
Filters: Alarm Date Range: 4/1/25 to 4/30/25
Is Locked: include all
Is Active: true

DBFD - Calls by Incident Types

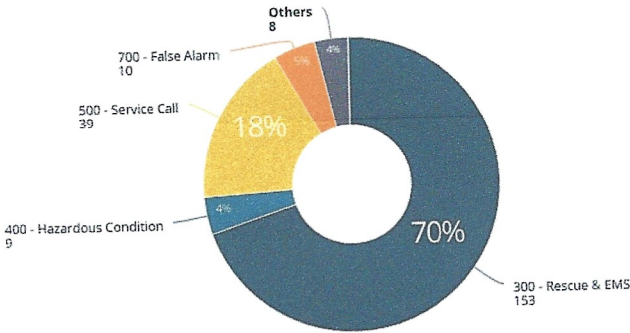
Count of Total Incidents

Incident Number: 219

Count of Incidents by Incident Type Group and Year



Percentage of Incident Type Group



Count of Incidents by Type

Incident Type Group		Incident Type	Incident Type Code	Count of Incidents	
				04/2025	Grand Total
100 - Fire	Building fire	111		4	4
	Water vehicle fire	134		1	1
100 - Fire Total				5	5
300 - Rescue & EMS	EMS call, excluding vehicle accident with injury	321		135	135
	Extrication of victim(s) from vehicle	352		3	3
	Motor vehicle accident with injuries	322		12	12
	Rescue, EMS incident, other	300		3	3
300 - Rescue & EMS Total				153	153
400 - Hazardous Condition	Gas leak (natural gas or LPG)	412		1	1
	Gasoline or other flammable liquid spill	411		1	1
	Power line down	444		7	7
400 - Hazardous Condition Total				9	9
500 - Service Call	Assist invalid	554		26	26
	Assist police or other governmental agency	551		3	3
	Person in distress, other	510		2	2
	Smoke or odor removal	531		8	8
500 - Service Call Total				39	39
600 - Good Intent Call	Smoke scare, odor of smoke	651		3	3
	Alarm system sounded due to malfunction	735		7	7
700 - False Alarm	CO detector activation due to malfunction	736		2	2
	Smoke detector activation due to malfunction	733		1	1
				10	10
700 - False Alarm Total				218	218
Grand Total					219

Filters: Alarm Date Range: 4/1/25 to 4/30/25
Is Locked: true
Is Active: Include all

Monthly Dispatch to Scene Arrival Averages

Average Response Time

Count of Total Incidents

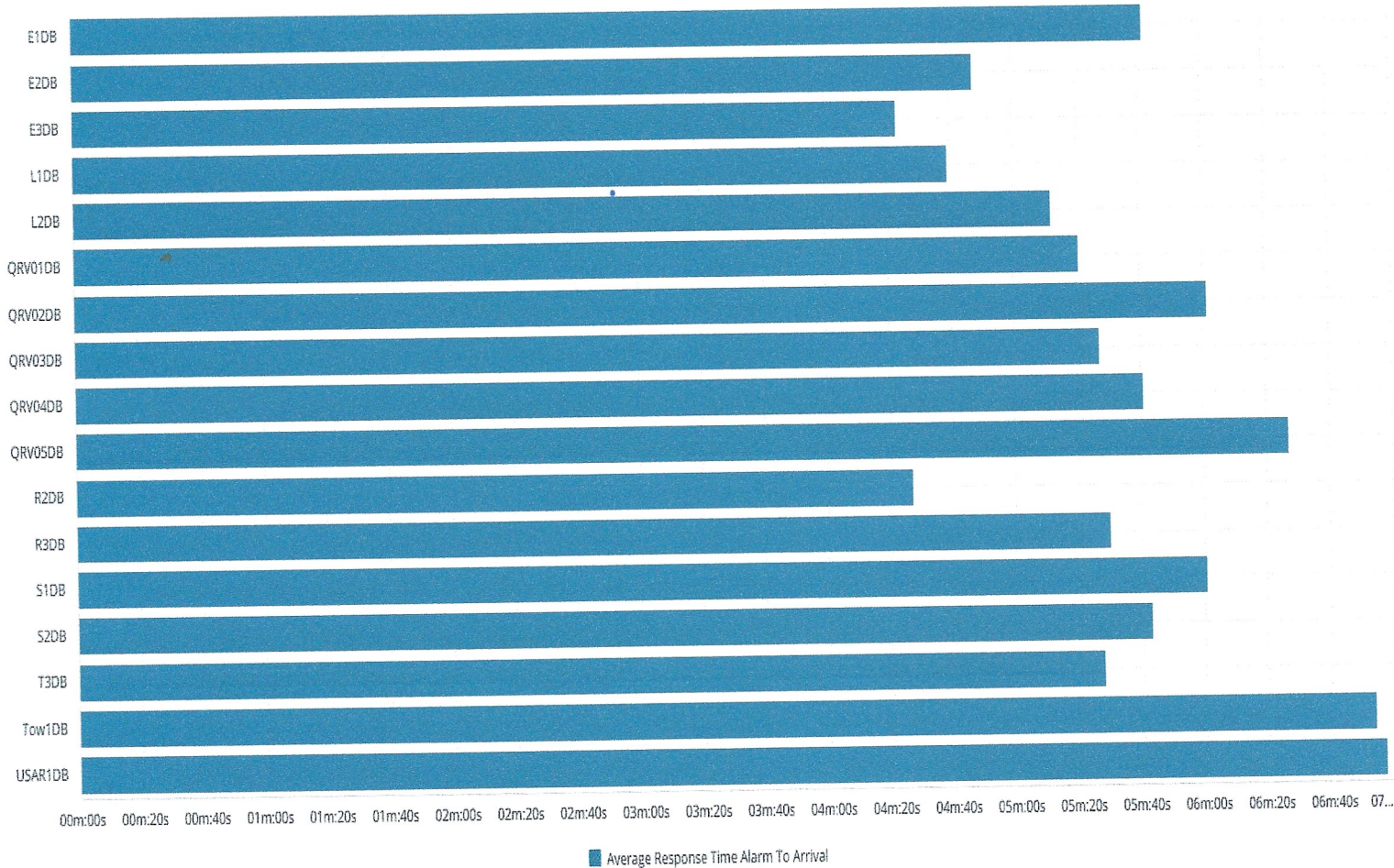
Incidents with Response Time > 8 Minutes

Average Response Time - Dispatch to Arrival
0h:5m:50s

Total Number of Incidents
219

Total Response Time over 8 Minutes
4

Unit Response Time Average



Filters: Alarm Date Range: 4/1/25 to 4/30/25
Is Locked: true
Is Active: true

DBFD - Fire Resources Personnel and Units

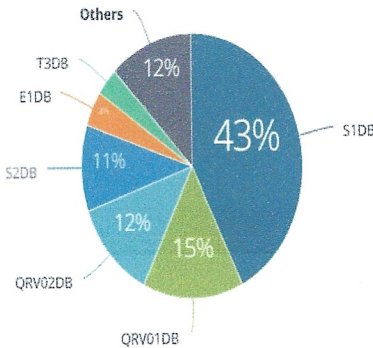
Total Incidents

Count of Incidents
219

Average Time On Scene

Average Time On Scene
44m:22s

Percentage Calls by Unit



Breakdown of Calls by Unit

Unit Name	Percentage of Calls	Average Time at Scene	Count ([IncidentID])
E1DB	4.63%	62m:12s	10
E2DB	1.85%	66m:45s	4
E3DB	0.93%	33m:30s	2
L1DB	0.93%	89m:30s	2
L2DB	0.46%	87m:00s	1
Q RV01DB	16.20%	33m:41s	35
Q RV02DB	13.43%	36m:56s	29
Q RV03DB	1.85%	32m:29s	4
Q RV04DB	0.93%	32m:00s	2
Q RV05DB	0.46%	33m:00s	1
R2DB	2.78%	68m:50s	6
R3DB	2.31%	51m:48s	5
S1DB	46.76%	36m:27s	101
S2DB	11.57%	35m:50s	25
T3DB	3.70%	62m:42s	8
Tow1DB	0.46%	53m:00s	1
USAR1DB	0.46%	78m:00s	1
Grand Total	100.00%	40m:26s	219

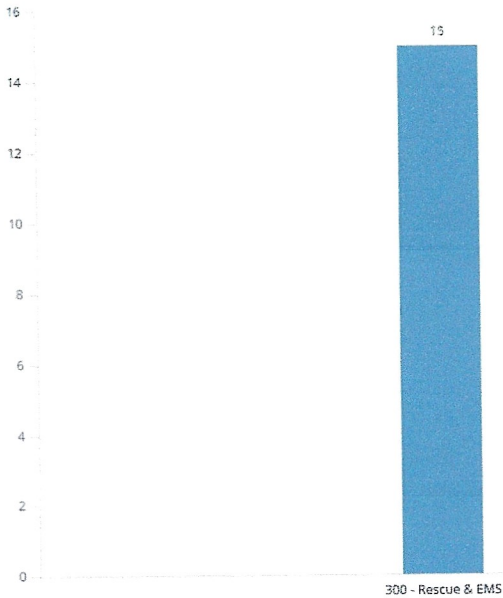
Filters: Alarm Date Range: 3/1/25 to 3/31/25
Is Locked: Include all
Is Active: true
District: City of Soddy Daisy

DBFD - Sequoya Fire District Calls by Incident Types

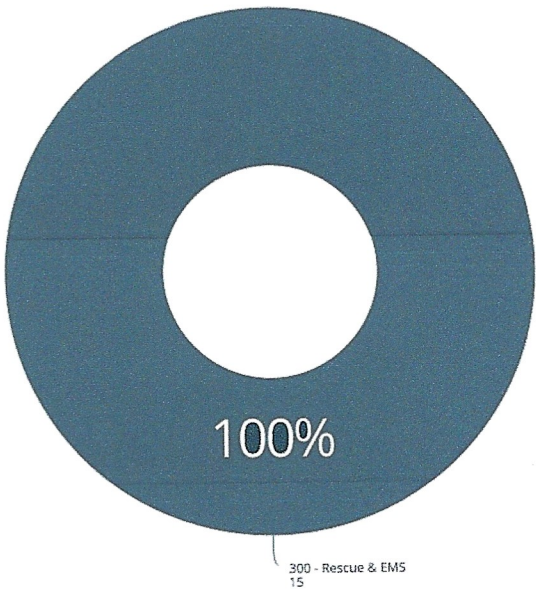
Count of Total Incidents

Incident Number: 15

Count of Incidents by Incident Type Group and Year



Percentage of Incident Type Group



Count of Incidents by Type

Incident Type Group	Incident Type	Incident Type Code	Count of Incidents	
			03/2025	Grand Total
300 - Rescue & EMS	EMS call, excluding vehicle accident with injury	321	14	14
	Rescue, EMS incident, other	300	1	1
300 - Rescue & EMS Total			15	15
Grand Total			15	15

Filters: Alarm Date Range: 4/1/25 to 4/30/25
Is Locked: true
Is Active: true

DBFD - Fire Aid Given or Received

Total Incidents

Aid Given or Received

Resources Include Aid Received

Incident Number

219

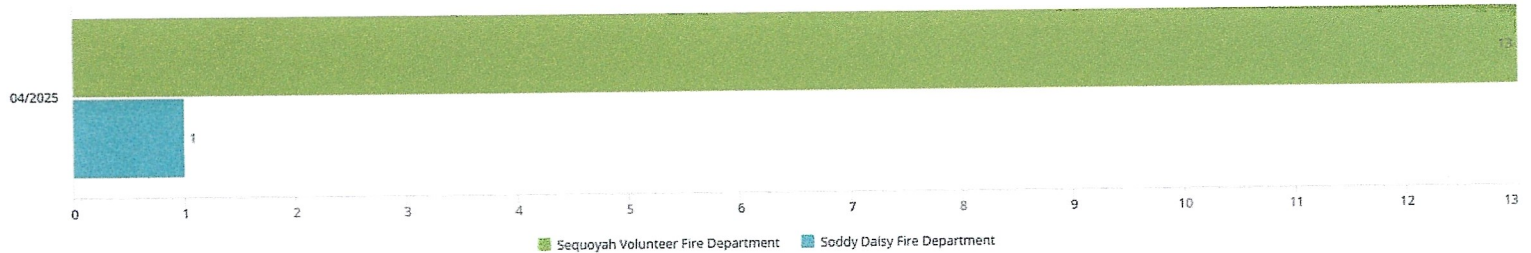
Aid Given Or Received

14

Resources Include Mutual Aid

1

Aid Given or Received over Time



Aid Received Breakdown by Agency

Breakdown of Aid Given or Received



Aid Given by Agency

Incident Number	Alarm DateTime	Aided Agency	Aided Agency Incident Number	Aid Given Or Received
2025-09-000678	4/3/25	Sequoyah Volunteer Fire Department	N/A	Mutual aid given
2025-09-000691	4/4/25	Sequoyah Volunteer Fire Department	N/A	Mutual aid given
2025-09-000698	4/6/25	Sequoyah Volunteer Fire Department	N/A	Mutual aid given
2025-09-000705	4/6/25	Sequoyah Volunteer Fire Department	N/A	Mutual aid given
2025-09-000712	4/7/25	Sequoyah Volunteer Fire Department	N/A	Mutual aid given
2025-09-000725	4/8/25	Sequoyah Volunteer Fire Department	N/A	Mutual aid given
2025-09-000737	4/10/25	Sequoyah Volunteer Fire Department	N/A	Mutual aid given
2025-09-000777	4/17/25	Soddy Daisy Fire Department	N/A	Mutual aid given
2025-09-000781	4/18/25	Sequoyah Volunteer Fire Department	N/A	Mutual aid given
2025-09-000790	4/19/25	Sequoyah Volunteer Fire Department	N/A	Mutual aid given
2025-09-000816	4/21/25	Sequoyah Volunteer Fire Department	N/A	Mutual aid given
2025-09-000825	4/23/25	Sequoyah Volunteer Fire Department	N/A	Mutual aid given
2025-09-000841	4/26/25	Sequoyah Volunteer Fire Department	N/A	Mutual aid given
2025-09-000846	4/26/25	Sequoyah Volunteer Fire Department	N/A	Mutual aid given

Filters: Alarm Date Range: 4/1/25 to 4/30/25
Is Locked: true
Is Active: true

DBFD - Fire Property Loss

Count of Total Incidents

Total Count of Incidents
219

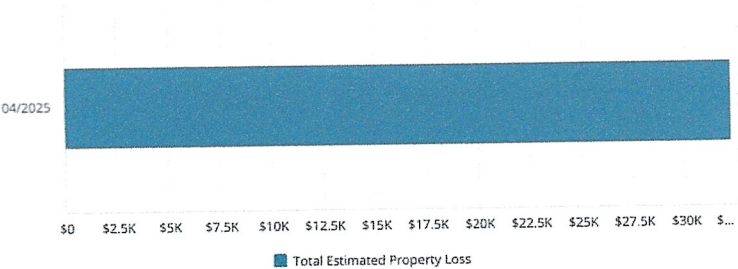
Incidents with Property Value Change

Count of Incidents with Property Loss
5
Percent of Property Value Saved **97.30%**

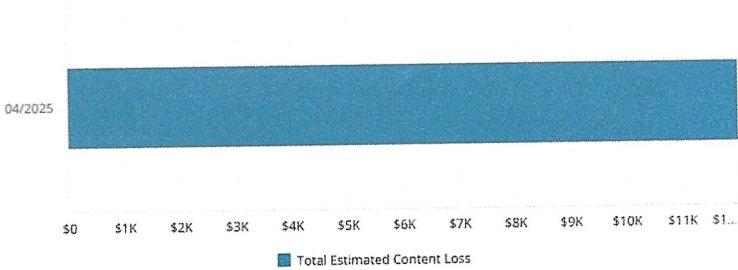
Incidents with Content Value Change

Count of Incidents with Content Loss
4
Percent of Content Value Saved **96.00%**

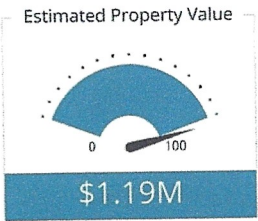
Estimated Property Loss by Month



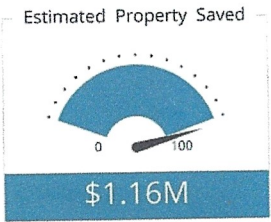
Estimated Content Loss by Month



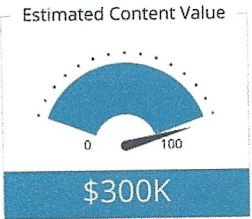
Estimated Property Value



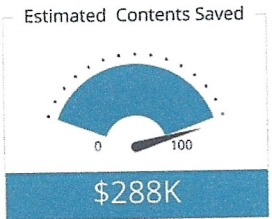
Estimated Property Saved



Estimated Content Value



Estimated Property Saved



City of Lakesite
Year to Date Income Statement
Compared with Budget and Last Year
For the Ten Months Ending April 30, 2025

	Current Year Actual	12-Month Budget FY24-25	Variance Amount	Variance Percent	10-Month Budget FY24-25	Last Year Actual	Change from Last Year	Percent Change
Revenues								
PROPERTY TAX	\$ 129,328.91	\$ 125,000.00	4,328.91	3.46	104,166.67	\$ 125,160.31	4,168.60	3.33
LATE TAX & REBATES	647.41	1,000.00	(352.59)	(35.26)	833.33	1,442.10	(794.69)	(55.11)
UTILITY TAX	3,150.24	0.00	3,150.24	0.00	0.00	3,540.17	(389.93)	(11.01)
LOCAL SALES TAX	575,949.42	600,000.00	(24,050.58)	(4.01)	500,000.00	580,836.93	(4,887.51)	(0.84)
BUSINESS BEER WHOLESALE	103,851.69	125,000.00	(21,148.31)	(16.92)	104,166.67	107,176.68	(3,324.99)	(3.10)
LIQUOR TAX	31,395.52	35,000.00	(3,604.48)	(10.30)	29,166.67	34,369.96	(2,974.44)	(8.65)
LIQUOR PRIVILEGE TAX	(850.00)	500.00	(1,350.00)	(270.00)	416.67	(850.00)	0.00	0.00
BUSINESS LICENSE TAX	0.00	500.00	(500.00)	(100.00)	416.67	75.00	(75.00)	(100.00)
GROSS RECEIPTS	7,914.16	40,000.00	(32,085.84)	(80.21)	33,333.33	9,691.43	(1,777.27)	(18.34)
CABLE TV FRANCHISE	22,696.83	28,000.00	(5,303.17)	(18.94)	23,333.33	23,723.81	(1,026.98)	(4.33)
TVA REPLACEMENT	16,911.12	14,000.00	2,911.12	20.79	11,666.67	17,059.08	(147.96)	(0.87)
TNCARES COVID REIMB	(60.00)	0.00	(60.00)	0.00	0.00	0.00	(60.00)	0.00
STATE SALES TAX	192,022.28	180,000.00	12,022.28	6.68	150,000.00	188,011.83	4,010.45	2.13
STATE TELECOMM SALES TAX	69.51	0.00	69.51	0.00	0.00	69.34	0.17	0.25
STATE TELECOMM PRIVILEGE	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00
STATE BEER TAX	781.11	850.00	(68.89)	(8.10)	708.33	815.79	(34.68)	(4.25)
STATE MIXED DRINK TAX	13,955.59	10,000.00	3,955.59	39.56	8,333.33	7,037.88	6,917.71	98.29
STATE STREET & TRANS.	2,824.86	3,400.00	(575.14)	(16.92)	2,833.33	2,832.96	(8.10)	(0.29)
STATE GAS TAX	54,453.87	66,400.00	(11,946.13)	(17.99)	55,333.33	53,544.13	909.74	1.70
TRANSPORTATION MODERNIZATI	659.30	0.00	659.30	0.00	0.00	103.91	555.39	534.49
SPORT BETTING	2,935.66	2,500.00	435.66	17.43	2,083.33	2,467.21	468.45	18.99
OTHER GRANTS	0.00	0.00	0.00	0.00	0.00	606.45	(606.45)	(100.00)
AMERICAN RESCUE PLAN	7,042.26	360,000.00	(352,957.74)	(98.04)	300,000.00	20,497.76	(13,455.50)	(65.64)
LIQUOR LICENSE FEE	0.00	250.00	(250.00)	(100.00)	208.33	0.00	0.00	0.00
BUSINESS BEER LICENSE	2,230.00	250.00	1,980.00	792.00	208.33	1,315.00	915.00	69.58
BUSINESS BEER PRIVILEGE	0.00	500.00	(500.00)	(100.00)	416.67	100.00	(100.00)	(100.00)
BUILDING PERMITS	15,807.42	10,000.00	5,807.42	58.07	8,333.33	14,941.03	866.39	5.80
MISCELLANEOUS INCOME	151.60	0.00	151.60	0.00	0.00	0.00	151.60	0.00
INTEREST EARNED	92,030.00	60,000.00	32,030.00	53.38	50,000.00	113,574.80	(21,544.80)	(18.97)
SALE OF SURPLUS PROPERTY	847.00	0.00	847.00	0.00	0.00	39,075.00	(38,228.00)	(97.83)
INSURANCE RECOVERY	2,117.00	0.00	2,117.00	0.00	0.00	500.00	1,617.00	323.40
POOL REVENUE	4,150.05	35,000.00	(30,849.95)	(88.14)	29,166.67	2,640.00	1,510.05	57.20
DONATIONS	0.00	0.00	0.00	0.00	0.00	14,388.31	(14,388.31)	(100.00)
UNREALIZED (GAIN) LOSS ON IN	44,218.35	15,000.00	29,218.35	194.79	12,500.00	42,495.06	1,723.29	4.06
TRANSFER FROM RESERVES	290,000.00	290,000.00	0.00	0.00	241,666.67			

City of Lakesite
Year to Date Income Statement
Compared with Budget and Last Year
For the Ten Months Ending April 30, 2025

	Current Year Actual	12-Month Budget FY24-25	Variance Amount	Variance Percent	10-Month Budget FY24-25	Last Year Actual	Change from Last Year	Percent Change
Total Revenues	1,617,231.17	2,003,150.00	(385,918.83)	(19.27)	1,669,291.67	1,407,241.93	209,989.24	14.92
Expenses								
SALARY - CITY MANAGER	74,277.53	94,960.00	(20,682.47)	(21.78)	79,133.33	74,282.84	(5.31)	(0.01)
SALARY - CITY RECORDER	36,813.99	45,012.00	(8,198.01)	(18.21)	37,510.00	34,569.36	2,244.63	6.49
EMPLOYEE BENEFITS EXPENSE	(424.34)	0.00	(424.34)	0.00	0.00	910.17	(1,334.51)	(146.62)
Payroll Tax Expense (OASI)	20,665.54	25,000.00	(4,334.46)	(17.34)	20,833.33	17,507.62	3,157.92	18.04
HEALTH/DENTAL/VISION INS	1,165.38	0.00	1,165.38	0.00	0.00	869.50	295.88	34.03
RETIREMENT - 401K	4,219.60	3,000.00	1,219.60	40.65	2,500.00	4,219.60	0.00	0.00
RETIREMENT - TCRS	9,507.93	12,000.00	(2,492.07)	(20.77)	10,000.00	13,407.51	(3,899.58)	(29.09)
WORKERS COMP INSURANCE	14,719.00	7,000.00	7,719.00	110.27	5,833.33	6,268.00	8,451.00	134.83
TRAINING & DEVELOPMENT	5,016.70	6,000.00	(983.30)	(16.39)	5,000.00	5,693.87	(677.17)	(11.89)
ELECTIONS	1,000.00	2,500.00	(1,500.00)	(60.00)	2,083.33	0.00	1,000.00	0.00
COMMUNICATIONS	7,024.70	15,000.00	(7,975.30)	(53.17)	12,500.00	19,988.19	(12,963.49)	(64.86)
LEGAL ANNOUNCEMENTS	1,562.90	3,000.00	(1,437.10)	(47.90)	2,500.00	1,598.40	(35.50)	(2.22)
DUES & BOOKS	7,449.62	5,000.00	2,449.62	48.99	4,166.67	2,880.71	4,568.91	158.60
UTILITIES	17,212.74	14,000.00	3,212.74	22.95	11,666.67	12,770.30	4,442.44	34.79
ATTORNEY FEE	950.00	15,000.00	(14,050.00)	(93.67)	12,500.00	5,309.00	(4,359.00)	(82.11)
ATTORNEY RETAINER	5,675.00	8,800.00	(3,125.00)	(35.51)	7,333.33	5,600.00	75.00	1.34
ACCOUNTANT & AUDIT FEE	12,500.00	12,500.00	0.00	0.00	10,416.67	12,500.00	0.00	0.00
IT SERVICE	5,191.93	5,000.00	191.93	3.84	4,166.67	0.00	5,191.93	0.00
CONSULTING FEE ADMIN	20,495.00	32,000.00	(11,505.00)	(35.95)	26,666.67	24,792.00	(4,297.00)	(17.33)
OFFICE SUPPLIES	5,839.24	5,000.00	839.24	16.78	4,166.67	4,711.42	1,127.82	23.94
RECORDS MANAGEMENT	2,988.24	5,000.00	(2,011.76)	(40.24)	4,166.67	4,984.41	(1,996.17)	(40.05)
ADMINISTRATIVE SUPPORT	16,000.00	19,500.00	(3,500.00)	(17.95)	16,250.00	14,400.00	1,600.00	11.11
ECONOMIC DEVELOPMENT	11,450.00	12,000.00	(550.00)	(4.58)	10,000.00	1,450.00	10,000.00	689.66
INSURANCE & BOND	8,920.00	11,500.00	(2,580.00)	(22.43)	9,583.33	13,763.00	(4,843.00)	(35.19)
INSPECTION EXPENSES	7,060.00	15,000.00	(7,940.00)	(52.93)	12,500.00	0.00	7,060.00	0.00
BANK SERV CHARGES	1,994.77	2,000.00	(5.23)	(0.26)	1,666.67	1,276.84	717.93	56.23
MIXED DRINK TAX - SCHOOLS	6,339.29	7,500.00	(1,160.71)	(15.48)	6,250.00	0.00	6,339.29	0.00
MISCELLANEOUS	999.85	1,500.00	(500.15)	(33.34)	1,250.00	850.54	149.31	17.55
DONATIONS	1,500.00	1,000.00	500.00	50.00	833.33	0.00	1,500.00	0.00
CAPITAL OUTLAY	209,398.74	602,500.00	(393,101.26)	(65.25)	502,083.33	2,332.96	207,065.78	8,875.67

City of Lakesite
Year to Date Income Statement
Compared with Budget and Last Year
For the Ten Months Ending April 30, 2025

	Current Year	12-Month Budget	Variance	Variance	10-Month Budget	Last Year	Change from	Percent
	Actual	FY24-25	Amount	Percent	FY24-25	Actual	Last Year	Change
COMMISSION EXPENSES	23,470.85	35,000.00	(11,529.15)	(32.94)	29,166.67	26,766.81	(3,295.96)	(12.31)
COMMISSION DISCRETIONARY FU	0.00	4,000.00	(4,000.00)	(100.00)	3,333.33	0.00	0.00	0.00
JUDGE FEE	1,600.00	1,600.00	0.00	0.00	1,333.33	1,600.00	0.00	0.00
SALARY - CODES OFFICER	33,278.17	27,427.00	5,851.17	21.33	22,855.83	20,662.23	12,615.94	61.06
POLICE CONTRACT	102,690.00	135,000.00	(32,310.00)	(23.93)	112,500.00	135,000.00	(32,310.00)	(23.93)
FIRE DEPT. SUPPORT	58,633.41	60,000.00	(1,366.59)	(2.28)	50,000.00	73,615.00	(14,981.59)	(20.35)
ANIMAL PICK-UP	11,004.00	11,250.00	(246.00)	(2.19)	9,375.00	5,502.00	5,502.00	100.00
SECURITY	719.40	5,000.00	(4,280.60)	(85.61)	4,166.67	2,723.41	(2,004.01)	(73.58)
INSPECTION EXPENSES	0.00	0.00	0.00	0.00	0.00	7,481.25	(7,481.25)	(100.00)
SALARY - PUBLIC WORKS	49,476.85	57,817.00	(8,340.15)	(14.43)	48,180.83	41,075.78	8,401.07	20.45
SALARY - PW2	21,416.50	16,500.00	4,916.50	29.80	13,750.00	13,647.09	7,769.41	56.93
CONTRACT LABOR (GR)-PW	0.00	5,000.00	(5,000.00)	(100.00)	4,166.67	0.00	0.00	0.00
HEALTH/DENTAL/VISION INS	22,860.35	19,000.00	3,860.35	20.32	15,833.33	18,325.86	4,534.49	24.74
RETIREMENT - 401K	78.33	1,500.00	(1,421.67)	(94.78)	1,250.00	(816.28)	894.61	(109.60)
RETIREMENT - TCRS	8,651.91	6,500.00	2,151.91	33.11	5,416.67	0.00	8,651.91	0.00
CHRISTMAS LIGHTING	26,588.89	30,000.00	(3,411.11)	(11.37)	25,000.00	29,408.50	(2,819.61)	(9.59)
CONSULTANTS AND SERVICES PV	25,337.61	15,000.00	10,337.61	68.92	12,500.00	11,278.50	14,059.11	124.65
INSPECTIONS (BUILDING)	0.00	0.00	0.00	0.00	0.00	2,572.75	(2,572.75)	(100.00)
BUILDING MAINT & REPAIR	11,008.71	80,000.00	(68,991.29)	(86.24)	66,666.67	27,688.01	(16,679.30)	(60.24)
SUPPLIES- PW	7,940.35	7,500.00	440.35	5.87	6,250.00	6,368.92	1,571.43	24.67
UNIFORM ALLOWANCE	1,014.95	1,000.00	14.95	1.50	833.33	0.00	1,014.95	0.00
CAPITAL OUTLAY-PW	17,478.72	5,000.00	12,478.72	249.57	4,166.67	3,168.81	14,309.91	451.59
SANITATION	147,092.43	0.00	147,092.43	0.00	0.00	145,519.74	1,572.69	1.08
LIFEGUARD WAGES	12,071.00	23,000.00	(10,929.00)	(47.52)	19,166.67	12,880.76	(809.76)	(6.29)
POOL SUPPLIES	1,368.38	7,500.00	(6,131.62)	(81.75)	6,250.00	852.91	515.47	60.44
PARKS & PLAYGROUNDS	25,652.14	40,000.00	(14,347.86)	(35.87)	33,333.33	394.02	25,258.12	6,410.36
STREET LIGHTS	18,481.04	25,000.00	(6,518.96)	(26.08)	20,833.33	16,975.66	1,505.38	8.87
STREET SIGNS	3,828.13	5,000.00	(1,171.87)	(23.44)	4,166.67	2,671.62	1,156.51	43.29
TRAFFIC LIGHTS	1,245.41	5,000.00	(3,754.59)	(75.09)	4,166.67	1,910.54	(665.13)	(34.81)
SALARY - RIGHT OF WAY MAINT-	17,751.32	25,000.00	(7,248.68)	(28.99)	20,833.33	6,665.54	11,085.78	166.31
PAVING & REPAIR-SSA	2,388.75	110,000.00	(107,611.25)	(97.83)	91,666.67	877.50	1,511.25	172.22
HAZARDOUS TREE REMOVAL	9,182.12	15,000.00	(5,817.88)	(38.79)	12,500.00	8,395.00	787.12	9.38
EQUIPMENT-SSA	88,585.56	5,000.00	83,585.56	1,671.71	4,166.67	34,794.00	53,791.56	154.60
ROAD SHOULDERS AND DRAINAC	7,149.00	15,000.00	(7,851.00)	(52.34)	12,500.00	0.00	7,149.00	0.00
EMERGENCY FUND-SSA	57,750.00	10,000.00	47,750.00	477.50	8,333.33	0.00	57,750.00	0.00
CAPITAL OUTLAY	(39,081.85)	0.00	(39,081.85)	0.00	0.00	376,468.67	(415,550.52)	(110.38)

City of Lakesite
Year to Date Income Statement
Compared with Budget and Last Year
For the Ten Months Ending April 30, 2025

	Current Year Actual	12-Month Budget FY24-25	Variance Amount	Variance Percent	10-Month Budget FY24-25	Last Year Actual	Change from Last Year	Percent Change
Total Expenses	<u>1,294,225.78</u>	<u>1,797,866.00</u>	<u>(503,640.22)</u>	(28.01)	<u>1,498,221.67</u>	<u>1,321,410.84</u>	<u>(27,185.06)</u>	(2.06)

City of Lakesite
Balance Sheet
May 31, 2025

ASSETS

Current Assets

Pinnacle Checking	\$	6,916.35
Pinnacle Money Market		39,343.34
Pinnacle Money Market Sweep		2,322,015.38
EDWARD JONES RESERVE ACCT		893,000.25
ST of TN #10 LGIP		<u>174,592.54</u>

Total Current Assets

3,435,867.86

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**MUNICODE COVER SHEET
PO BOX 2235
TALLAHASSEE, FL 32316**

**MUNICIPAL CODE COVER SHEET
LEGISLATION INFORMATION AND HISTORY**

BUDGET ORDINANCE

ORDINANCE NO. 318

Short Title: FY 2025-2026 ANNUAL BUDGET

Title Number	N/A
Amends Chapter No.	
Repeals Chapter No.	
Adds Chapter No.	

ACTION

DATE

Introduction and 1 st Reading	April 15, 2025
Planning Review (if applicable)	n/a
Publication Date of Notice	May 9, 2025
Date of 2 nd Reading	May 20, 2025
Public Hearing Date	May 20, 2025
Commission Action If Approved, Send to Comptroller	No later than June 4, 2025
Is Ordinance Penal in Nature? If so, put Notice in Paper. Publish Date	No
Date sent to MUNICODE	Does not get “codified” but sent anyway

Office Use Only: This form is being retained as a record in the City Recorder’s/City Clerk’s files of the legislation information and history of enactment.

On this ____ day of _____ in the City of Lakesite, TN, I hereby certify this document to be a true copy of **Ordinance 318, FY 2025-2026 ANNUAL BUDGET**, which was passed by the Lakesite City Commission on _____

Jodi P. LaCroix, CMC
City Recorder, City of Lakesite, TN

ORDINANCE No. 318

**AN ORDINANCE OF THE
CITY OF LAKESITE, TENNESSEE
ADOPTING THE ANNUAL BUDGET
FOR THE FISCAL YEAR BEGINNING JULY 1, 2025 AND ENDING JUNE 30, 2026**

WHEREAS, Tenn, Code Ann. § 9-1-116 requires that all funds of the State of Tennessee and all its political subdivisions shall first be appropriated before being expended and that only funds that are available shall be appropriated; and

WHEREAS, the Municipal Budget Law of 1982 requires that the governing body of each municipality adopt and operate under an annual budget ordinance presenting a financial plan with at least the information required by that state statute, that no municipality may expend any moneys regardless of the source except in accordance with a budget ordinance and that the governing body shall not make any appropriation in excess of estimated available funds; and

WHEREAS, the Governing Body has published the annual operating budget and budgetary comparisons of the proposed budget with the prior year (actual) and the current year (estimated) in a newspaper of general circulation not less than ten (10) days prior to the meeting where the Board will consider final passage of the budget.

NOW THEREFORE BE IT ORDAINED BY THE GOVERNING BODY OF THE CITY OF LAKESITE, TENNESSEE AS FOLLOWS:

SECTION 1: That the governing body projects anticipated revenues from all sources and appropriates planned expenditures for each department, board, office or other agency of the municipality, herein presented together with the actual annual receipts and expenditures of the last preceding fiscal year and the estimated annual expenditures for the current fiscal year, and from those revenues and unexpended and unencumbered funds as follows for fiscal year 2026, and including the projected ending balances for the budget year, the actual ending balances for the most recent ended fiscal year and the estimated ending balances for the current fiscal years:

GENERAL FUND	Actual FY 2024	Estimated Actual FY 2025	Budget FY 2026
Revenues			
Local Taxes	\$ 1,061,720	\$ 1,067,957	\$ 1,046,000
Licenses And Permits	\$ 20,378	\$ 18,715	\$ 17,750
Intergovernmental	\$ 369,536	\$ 702,550	\$ 888,493
Charges For Services	\$ 40,470	\$ 35,000	\$ 35,000
Other	\$ 237,764	\$ 146,647	\$ 90,000
Total Revenues and Other Financing Sources	\$ 1,729,868	\$ 1,970,869	\$ 2,077,243
Appropriations			
Expenditures			
Department of Administration	\$ 971,085	\$ 600,641	\$ 1,976,229
Public Works	\$ 442,402	\$ 417,516	\$ 424,342
Public Safety	\$ 224,196	\$ 241,250	\$ 211,250
State Street Aid	\$ 197,587	\$ 367,424	\$ 259,000
Total Appropriations	\$ 1,835,270	\$ 1,626,831	\$ 2,870,821
Change in Fund Balance (Revenues - Appropriations)	\$ (105,402)	\$ 344,038	\$ (793,578)
Beginning Fund Balance July 1	\$ 3,808,342	\$ 3,702,940	\$ 4,046,978
Ending Fund Balance June 30	\$ 3,702,940	\$ 4,046,978	\$ 3,253,400
Ending Fund Balance as a % of Total Appropriations	201.8%	248.8%	113.3%

SECTION 2: At the end of the fiscal year 2025, the governing body estimates fund balances or deficits as follows:

Fund	Estimated Fund Balance/Net Position at June 30, 2025
General Fund	\$ 4,046,978

SECTION 3: During the coming fiscal year (2026) the governing body has pending and planned capital projects with proposed funding as follows:

Proposed Future Capital Projects	Proposed Future Capital Projects - Total Expense	Proposed Future Capital Projects Expense Financed by Estimated Revenues and/or Reserves	Proposed Future Capital Projects Expense Financed by Debt Proceeds
ARP TDEC Stormwater Improvements	\$ 1,100,000.00	\$ 1,100,000.00	\$ -
Pool House Rebuild	\$ 375,000.00	\$ 375,000.00	\$ -

SECTION 4: No appropriation listed above may be exceeded without an amendment of the budget ordinance as required by the Municipal Budget Law of 1982 (Tenn. Code Ann. § 6-56-208). In addition, no appropriation may be made in excess of available funds except to provide for an actual emergency threatening the health, property or lives of the inhabitants of the municipality and declared by a two-thirds (2/3) vote

of at least a quorum of the governing body in accord with Tenn. Code Ann. § 6-56-205.

SECTION 5: Money may be transferred from one appropriation to another in the same fund in an amount of up to \$5,000.00 by the mayor, subject to such limitations and procedures as set by the Governing Body pursuant to Tenn. Code Ann. § 6-56-209. Any resulting transfers shall be reported to the governing body at its next regular meeting and entered into the minutes.

SECTION 6: A detailed financial plan will be attached to this budget and become part of this budget ordinance.

SECTION 7: This annual operating and capital budget ordinance and supporting documents shall be submitted to the Comptroller of the Treasury or Comptroller's Designee for approval pursuant to Title 9, Chapter 21 of the Tennessee Code Annotated within fifteen (15) days of its adoption. If the Comptroller of the Treasury or Comptroller's Designee determines that the budget does not comply with the Statutes, the Governing Body shall adjust its estimates or make additional tax levies sufficient to comply with the Statutes or as directed by the Comptroller of the Treasury or Comptroller's Designee.

SECTION 8: All unencumbered balances of appropriations remaining at the end of the fiscal year shall lapse and revert to the respective fund balances.

SECTION 9: All ordinances or parts of ordinances in conflict with any provision of this ordinance are hereby repealed.

SECTION 10: This budget has been developed based on a revenue neutral property tax rate. The Governing Body intends to adopt the Certified Tax Rate when it becomes available by a separate ordinance.

SECTION 11: This ordinance shall take effect July 1, 2025, the public welfare requiring it.

Passed 1st Reading: _____

Passed 2nd Reading: _____

David Howell, Mayor

ATTESTED:

Approved as to Form:

Jodi P. LaCroix, CMC
City Clerk

Sam Elliott, City Attorney

		2025-2026 PROPOSED BUDGET					% INCREASE/DECREASE FROM 2024 2025 ADOPTED
		ADOPTED	ACTUAL	ADOPTED	PROJECTED	PROPOSED	
		2023-2024	2023-2024	2024-2025	2024-2025	2025-2026	
COA	LOCAL TAXES						
31100	Property	\$ 125,000	\$ 117,673	\$ 125,000	\$ 126,500	\$ 125,000	
31200	Delq Taxes & Rebates	\$ 1,000	\$ 1,962	\$ 1,000	\$ 150	\$ 1,000	
31300	Utility Tax	\$ -	\$ 3,540	\$ -	\$ 3,132	\$ 3,000	
31610	Local Sales	\$ 600,000	\$ 685,017	\$ 600,000	\$ 698,675	\$ 680,000	13%
31820	Gross Receipts	\$ 30,000	\$ 58,266	\$ 40,000	\$ 50,000	\$ 50,000	25%
31710	Wholesale Beer Tax	\$ 140,000	\$ 128,003	\$ 125,000	\$ 125,000	\$ 125,000	0%
31720	Liquor Tax	\$ 35,000	\$ 40,468	\$ 35,000	\$ 37,500	\$ 35,000	0%
31912	Cable TV Franchise	\$ 28,000	\$ 26,791	\$ 28,000	\$ 27,000	\$ 27,000	-4%
	TOTAL LOCAL TAXES	\$ 959,000	\$ 1,061,720	\$ 954,000	\$ 1,067,957	\$ 1,046,000	10%
		ADOPTED	ACTUAL	ADOPTED	PROJECTED	PROPOSED	
		2023-2024	2023-2024	2024-2025	2024-2025	2025-2026	
COA	LICENSES AND PERMITS						
34300	Building Permits	\$ 10,000	\$ 18,813	\$ 10,000	\$ 16,500	\$ 15,000	50%
34210	Beer License	\$ 250	\$ 1,315	\$ 250	\$ 2,215	\$ 1,000	300%
34250	Beer Privilege	\$ 500	\$ 100	\$ 500	\$ -	\$ 500	0%
31730	Business License	\$ 1,500	\$ 150	\$ 500	\$ -	\$ 500	0%
31800	Liquor License	\$ 750	\$ -	\$ 250	\$ -	\$ 250	0%
31730	Liquor Privilege	\$ -	\$ -	\$ 500	\$ -	\$ 500	0%
	TOTAL LICENSES AND PERMITS	\$ 13,000	\$ 20,378	\$ 12,000	\$ 18,715	\$ 17,750	48%
		ADOPTED	ACTUAL	ADOPTED	PROJECTED	PROPOSED	
		2023-2024	2023-2024	2024-2025	2024-2025	2025-2026	
COA	INTER-GOVERNMENTAL						
33510	State Sales Tax	\$ 180,000	\$ 227,942	\$ 180,000	\$ 228,716	\$ 232,928	29%
33552	Street & Trans	\$ 3,400	\$ 3,397	\$ 3,400	\$ 3,388	\$ 3,396	0%

33530	Beer Tax	\$ 850	\$ 816	\$ 850	\$ 850	\$ 817	-4%
33520	Income Tax	\$ 5,000	\$ -	\$ -	\$ -	\$ -	
33320	TVA Replacement	\$ 13,875	\$ 22,745	\$ 14,000	\$ 22,548	\$ 23,386	67%
33512	Telecomm Sales Tax	\$ 90	\$ 83	\$ -	\$ 83	\$ 83	
33557	Transportation Modernization	\$ -	\$ -	\$ -	\$ 780	\$ 872	
33593	State Excise Tax	\$ 60	\$ -	\$ -	\$ -	\$ -	
33540	State Mixed Drink Tax	\$ 7,000	\$ 8,285	\$ 10,000	\$ 16,000	\$ 16,000	60%
33595	Sports Betting	\$ 6,000	\$ 3,528	\$ 2,500	\$ 3,785	\$ 3,898	56%
33800	American Rescue Plan	\$ 276,537	\$ -	\$ -	\$ -	\$ -	
33700	Pedestrian Grant TDOT	\$ -	\$ -	\$ -	\$ -	\$ -	
33800	ARP Stormwater Grant TDEC	\$ -	\$ 37,831.00	\$ 360,000.00	\$ 360,000.00	\$ 540,000	50%
	TOTAL INTER-GOVERNMENTAL	\$ 492,812	\$ 304,627	\$ 570,750	\$ 636,150	\$ 821,380	44%
		ADOPTED	ACTUAL	ADOPTED	PROJECTED	PROPOSED	
		2023-2024	2023-2024	2024-2025	2024-2025	2025-2026	
COA	CHARGES FOR SERVICES						
34721	Pool Revenue	\$ -	\$ 40,470	\$ 35,000	\$ 35,000	\$ 35,000	0%
	TOTAL CHARGES FOR SERVICES	\$ -	\$ 40,470	\$ 35,000	\$ 35,000	\$ 35,000	0%
		ADOPTED	ACTUAL	ADOPTED	PROJECTED	PROPOSED	
		2023-2024	2023-2024	2024-2025	2024-2025	2025-2026	
COA	MISCELLANEOUS						
36190	Interest Earned	\$ 7,000	\$ 135,332	\$ 60,000	\$ 105,532	\$ 65,000	8%
35000	Fines & Forfeits	\$ -	\$ -	\$ -	\$ -	\$ -	
36300	Sale of Surplus Property	\$ -	\$ -	\$ -	\$ 847	\$ -	
36350	Insurance Recovery	\$ -	\$ -	\$ -	\$ 2,117	\$ -	
36900	Unrealized Gain/Loss	\$ -	\$ 45,460	\$ 15,000	\$ 38,000	\$ 25,000	67%
36700	Miscellaneous	\$ -	\$ 56,366	\$ -	\$ 151.00	\$ -	
33700	Miscellaneous Grant	\$ -	\$ 606	\$ -	\$ -	\$ -	

	TOTAL MISCELLANEOUS	\$ 7,000	\$ 237,764	\$ 75,000	\$ 146,647	\$ 90,000	20%
	TOTAL GENERAL REVENUES	\$ 1,471,812	\$ 1,664,959	\$ 1,646,750	\$ 1,904,469	\$ 2,010,130	22%
	TOTAL STREET AID REVENUES	\$ 66,400	\$ 64,909	\$ 66,400	\$ 66,400	\$ 67,113	1%
	TRANSFER IN FROM FUND BALANCE	\$ -	\$ -	\$ 290,000	\$ -	\$ 795,000	174%
	TOTAL REVENUES	\$ 1,538,212	\$ 1,729,868	\$ 2,003,150	\$ 1,970,869	\$ 2,872,243	43%
	TOTAL EXPENDITURES	\$ 2,712,918	\$ 1,835,270	\$ 1,967,866	\$ 1,626,831	\$ 2,870,820	46%
	REMAINING (AVAILABLE FUNDS)	\$ (1,174,706)	\$ (105,402)	\$ 35,284	\$ 344,038	\$ 1,423	
	2025-2026 PROPOSED BUDGET						
	SCHEDULE B						
		ADOPTED	ACTUAL	ADOPTED	PROJECTED	PROPOSED	
		2023-2024	2023-2024	2024-2025	2024-2025	2025-2026	
COA 41000	GENERAL GOVERNMENT						
111	Salary - City Manager	\$ 80,000	\$ 91,591	\$ 94,960	\$ 94,960	\$ 97,091	2%
112	Salary - City Recorder/Clerk	\$ 40,000	\$ 42,998	\$ 45,012	\$ 45,012	\$ 46,362	3%
130	Employee Benefits Expense	\$ 67,000	\$ 428	\$ -	\$ -	\$ -	
140	Payroll Tax Expense (OASI)	\$ 18,000	\$ 22,092	\$ 25,000	\$ 28,000	\$ 25,000	0%
142	Health/Dental/Vision Insurance	\$ -	\$ 870	\$ -	\$ -	\$ -	
144	Retirement - 401k	\$ -	\$ 4,987	\$ 3,000	\$ 4,603	\$ 3,000	0%
145	Retirement - TCRS	\$ 10,500	\$ 15,897	\$ 12,000	\$ 11,908	\$ 12,000	0%
146	Workers Comp Insurance	\$ 2,500	\$ 6,268	\$ 7,000	\$ 6,682	\$ 7,000	0%
148	Training & Development	\$ 5,000	\$ 15,779	\$ 6,000	\$ 3,000	\$ 6,000	0%
172	Elections	\$ 2,000	\$ -	\$ 2,500	\$ 2,500	\$ -	-100%
219	Communications	\$ 20,000	\$ 21,903	\$ 15,000	\$ 14,651	\$ 15,000	0%
222	Legal Announcements	\$ 4,000	\$ 2,147	\$ 3,000	\$ 1,500	\$ 3,000	0%
230	Dues & Books	\$ 5,000	\$ 3,124	\$ 5,000	\$ 5,000	\$ 5,000	0%

249	Utilities	\$ 9,000	\$ 14,814	\$ 14,000	\$ 24,321	\$ 20,000	43%
251	Attorney Fee	\$ 15,000	\$ 6,009	\$ 15,000	\$ 1,600	\$ 10,000	-33%
252	Attorney Retainer	\$ 8,600	\$ 8,000	\$ 8,800	\$ 8,800	\$ 8,800	0%
253	Acccountant & Audit Fee	\$ 16,000	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	0%
255	IT Service			\$ 5,000	\$ 3,025	\$ 5,000	0%
256	Consulting Fee Admin	\$ 30,000	\$ 31,409	\$ 32,000	\$ 32,000	\$ 32,000	0%
319	Office Supplies	\$ 5,000	\$ 5,325	\$ 5,000	\$ 5,000	\$ 5,000	0%
325	Records Management	\$ 2,000	\$ 6,299	\$ 5,000	\$ 5,000	\$ 5,000	0%
328	Administrative Support	\$ 15,000	\$ 17,600	\$ 19,500	\$ 19,500	\$ 19,500	0%
329	Economic Development	\$ 10,000	\$ 1,450	\$ 12,000	\$ 10,000	\$ 16,000	33%
520	Insurance & Bond	\$ 9,000	\$ 13,763	\$ 11,500	\$ 15,000	\$ 11,500	0%
555	Bank Service Charges	\$ 1,200	\$ 1,673	\$ 2,000	\$ 2,484	\$ 2,000	0%
700	Miscellaneous	\$ 2,000	\$ 1,045	\$ 1,500	\$ 549	\$ 1,500	0%
720	Donations	\$ 10,000	\$ 310	\$ 1,000	\$ 1,500	\$ 2,000	100%
900	Capital Expense	\$ 1,305,000	\$ 554,747	\$ 602,500	\$ 125,000	\$ 1,475,000	145%
190	Commission Expenses	\$ 32,000	\$ 34,348	\$ 35,000	\$ 35,000	\$ 35,000	0%
191	Commission Discretionary Fund	\$ 4,000	\$ -	\$ 4,000	\$ 4,000	\$ 4,000	0%
259	Judge Fee	\$ 2,000	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	0%
111	Salary - Codes Officer	\$ 24,197	\$ 24,463	\$ 27,427	\$ 41,141	\$ 42,375	55%
520	Inspection Expenses	\$ 23,700	\$ 7,646	\$ 15,000	\$ -	\$ 10,000	-33%
569	Mixed-Drink Tax Payments to School District	\$ -	\$ -	\$ 7,500	\$ 7,500	\$ 7,500	0%
325	Pool Supplies	\$ -	\$ -	\$ 7,500	\$ 4,305	\$ 7,500	0%
122	Salaries - Lifeguards		\$ -	\$ 23,000	\$ 23,000	\$ 23,000	0%
	TOTAL GENERAL GOVERNMENT	\$ 1,777,697	\$ 971,085	\$ 1,086,799	\$ 600,641	\$ 1,976,229	82%
COA 43000	PUBLIC WORKS						
266	Building Maintenance and Repair PW	\$ 28,000	\$ 41,123	\$ 80,000	\$ 30,000	\$ 10,000	-88%
900	Capital Outlay PW	\$ 5,000	\$ 4,680	\$ 5,000		\$ 5,000	0%
120	Contract Labor PW	\$ 3,000	\$ -	\$ 5,000	\$ 3,000	\$ 5,000	0%
700	Parks and Playgrounds PW	\$ 40,000	\$ 37,693	\$ 40,000	\$ 20,000	\$ 15,000	-63%
111	Salary - Public Works	\$ 43,801	\$ 56,158	\$ 57,817	\$ 57,817	\$ 59,552	3%
112	Salary - Public Works 2	\$ 11,670	\$ 33,946	\$ 16,500	\$ 43,000	\$ 44,290	168%
142	Benefits (Health/Dental/Vision Insurance PW)	\$ -	\$ 21,269	\$ 19,000	\$ 24,380	\$ 30,000	58%

144	Retirement - 401k PW	\$ -	\$ -	\$ 1,500	\$ 1,500	\$ 3,000	100%
6500	Retirement - TCRS PW	\$ -	\$ -	\$ 6,500	\$ 7,219	\$ 11,000	69%
300	Supplies - PW	\$ 7,500	\$ 18,466	\$ 7,500	\$ 7,500	\$ 10,000	33%
326	Uniform Allowance PW	\$ 1,000	\$ 315	\$ 1,000	\$ 1,100	\$ 1,500	50%
256	Consultants and Services PW	\$ 114,000	\$ 24,954	\$ 15,000	\$ 15,000	\$ 20,000	33%
250	Christmas Lighting PW	\$ 30,000	\$ 29,408	\$ 30,000	\$ 30,000	\$ 30,000	0%
	TOTAL PUBLIC WORKS	\$ 283,971	\$ 268,012	\$ 284,817	\$ 240,516	\$ 244,342	-14%
	SANITATION	\$ 150,000	174,390	\$ 170,000	\$ 177,000	\$ 180,000	6%
	TOTAL PUBLIC WORKS	\$ 433,971	442,402	\$ 454,817	\$ 417,516	\$ 424,342	-7%
	TOTAL SCHEDULE B	\$ 2,211,668	\$ 1,413,487	\$ 1,541,616	\$ 1,018,157	\$ 2,400,570	56%
	2025-2026 PROPOSED BUDGET						
	SCHEDULE C						
		ADOPTED	ACTUAL	ADOPTED	PROJECTED	PROPOSED	
		2023-2024	2023-2024	2024-2025	2024-2025	2025-2026	
COA 42000	PUBLIC SAFETY						
490	Animal Pickup	\$ 11,250	\$ 8,253	\$ 11,250	\$ 11,250	\$ 11,250	0%
290	Hamilton County Sheriff	\$ 150,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	0%
510	Security	\$ 4,000	\$ 6,283	\$ 5,000	\$ 5,000	\$ 5,000	0%
390	Fire Department Support	\$ 60,000	\$ 73,615	\$ 60,000	\$ 90,000	\$ 60,000	0%
550	Public Safety Supplementary	\$ 25,000	\$ -	\$ -	\$ -	\$ -	
339	Miscellaneous		\$ 1,045	\$ -	\$ -	\$ -	
	TOTAL PUBLIC SAFETY	\$ 250,250	\$ 224,196	\$ 211,250	\$ 241,250	\$ 211,250	0%
	2025-2026 PROPOSED BUDGET						
	SCHEDULE D						
		ADOPTED	ACTUAL	ADOPTED	PROJECTED	PROPOSED	
		2023-2024	2023-2024	2024-2025	2024-2025	2025-2026	

COA	INTERGOVERNMENTAL STREET AID REVENUES						
33553	Gas and Motor Fuel	\$ 34,000	\$ 38,884	\$ 34,000	\$ 66,400	\$ 67,113	97%
33555	Additional .03 Tax	\$ 10,000	\$ 8,556	\$ 10,000	\$ -	\$ -	-100%
33554	1989 Increase Gas Tax	\$ 5,400	\$ 3,823	\$ 5,400	\$ -	\$ -	-100%
33556	Gas 2017 (IMPROVE)	\$ 17,000	\$ 13,646	\$ 17,000	\$ -	\$ -	-100%
	TOTAL STREET AID REVENUES	\$ 66,400	\$ 64,909	\$ 66,400	\$ 66,400	\$ 67,113	1%
	GENERAL REVENUES/RESERVE	\$ 184,600	\$ 132,678	\$ 148,600	\$ 301,024	\$ 191,887	29%
	TOTAL AVAILABLE FOR STREETS	\$ 251,000	\$ 197,587	\$ 215,000	\$ 367,424	\$ 259,000	20%
COA 44000	STREET AID EXPENDITURES						
264	Street Lights - SSA	\$ 20,000	\$ 21,022	\$ 25,000	\$ 25,000	\$ 23,000	-8%
265	Street Signs - SSA	\$ 3,000	\$ 2,971	\$ 5,000	\$ 5,000	\$ 5,000	0%
266	Traffic Lights - SSA	\$ 10,000	\$ 2,060	\$ 5,000	\$ 5,000	\$ 2,500	-50%
267	Salary - Right of Way Maintenance - SSA	\$ 18,000	\$ 6,946	\$ 25,000	\$ 25,000	\$ 26,000	4%
268	Paving & Repair - SSA	\$ 120,000	\$ 107,468	\$ 110,000	\$ 110,000	\$ 140,000	27%
269	Hazardous Tree Removal - SSA	\$ 10,000	\$ 19,645	\$ 15,000	\$ 22,628	\$ 20,000	33%
310	Equipment -SSA	\$ 4,000	\$ 34,794	\$ 5,000	\$ 81,200	\$ 2,500	-50%
336	Road Shoulders and Drainage - SSA	\$ 60,000	\$ 2,681	\$ 15,000	\$ 28,596	\$ 35,000	133%
340	Emergency Fund - SSA	\$ 6,000	\$ -	\$ 10,000	\$ 65,000	\$ 5,000	-50%
	TOTAL STREET AID EXPENDITURES	\$ 251,000	\$ 197,587	\$ 215,000	\$ 367,424	\$ 259,000	20%

**MUNICODE COVER SHEET
PO BOX 2235
TALLAHASSEE, FL 32316**

**MUNICIPAL CODE COVER SHEET
LEGISLATION INFORMATION AND HISTORY**

BUDGET ORDINANCE

ORDINANCE NO. 319

Short Title: FY 2025-2026 INTERIM TAX LEVY – GENERAL REVENUE

Title Number	N/A
Amends Chapter No.	
Repeals Chapter No.	
Adds Chapter No.	

ACTION

DATE

Introduction and 1 st Reading	April 15, 2025
Planning Review (if applicable)	n/a
Publication Date of Notice	May 9, 2025
Date of 2 nd Reading	May 20, 2025
Public Hearing Date	May 20, 2025
Commission Action	
Is Ordinance Penal in Nature? If so, put Notice in Paper. Publish Date	No
Date sent to MUNICODE	Does not get “codified” but sent anyway

On this ____ day of _____ in the City of Lakesite, TN, I hereby certify this document to be a true copy of **Ordinance 319, FY 2025-2026 Setting the INTERIM Tax Levy known as the General Revenue Ordinance**, which was passed by the Lakesite City Commission on

Jodi P. LaCroix, CMC
City Recorder, City of Lakesite, TN

ORDINANCE NO. 319
SETTING THE INTERIM TAX LEVY FISCAL YEAR 2025-2026

AN ORDINANCE OF THE CITY OF LAKESITE, TENNESSEE, TO PROVIDE FOR THE GENERAL REVENUE THEREOF FOR THE FISCAL YEAR 2025-2026 ON AN INTERIM BASIS PENDING RECEIPT OF THE “CERTIFIED RATE” FROM THE ASSESSOR OF PROPERTY OF HAMILTON COUNTY, TENNESSEE, PURSUANT TO T.C.A. SECTION 67-5-1701, TO BE KNOWN AS THE GENERAL REVENUE ORDINANCE FOR SAID YEAR.

WHEREAS, Pursuant to the provisions of T.C.A. §67-5-1601 et seq., the Hamilton County Assessor of Property has recently completed or is in the process of completing the reappraisal process therein required; and

WHEREAS, as of the adoption of this Ordinance, the Assessor of Property has not as yet provided to the City of Lakesite the “Certified Tax Rate” mandated by T.C.A. §67-5- 1701, which rate is calculated so as to provide the same ad valorem revenue for the City of Lakesite as was levied during the fiscal year 2025-2026; and

WHEREAS, it is necessary, and required by other provisions of law, that the city set its tax rate for the ensuing fiscal year on or before June 30 of each year; and

BE IT ORDAINED BY THE CITY OF LAKESITE, TENNESSEE AS FOLLOWS:

SECTION 1. Pending receipt of the “Certified Tax Rate” pursuant to T.C.A. §67-5-1701 from the Hamilton County Tax Assessor, that there be and there is hereby levied a tax on each 4100 of taxable property in the city of Lakesite, Tennessee, as of January 1, 2025 for the Fiscal Year July 1, 2025 through June 30, 2026 as follows:

General Fund Tax	\$0.200
Total	\$0.200

SECTION 2: Provided further that conditioned upon compliance with the provisions of T.C.A. §67-5-1702, that the City may subsequently set a tax rate in excess of or less than the certified rate by Resolution and/or by subsequently enacted Ordinance.

SECTION 3: The engaging in any vocation, occupation, business, or business activity, enumerated, described, is hereby declared to be a privilege and each person as defined in said Act, shall pay for exercising of said privilege to this City the sums authorized and permitted to be charged by municipalities under the provisions of said Act. All of the provisions of said Chapter 387, Public Acts of Tennessee for the year 1971, insofar as they are applicable to, or pertaining to the levying of taxes by municipalities, are hereby adopted as though specifically set forth herein.

SECTION 4: This ordinance shall be known as the General Revenue Ordinance for the fiscal year 2025-20226, and until such time as an ordinance or, as provided above, a resolution, amending this Ordinance can be enacted, shall hereafter be automatically amended and adjusted, based on the assessment to be certified by the Hamilton County Assessor of Property so as to

produce the revenues necessary to meet the budget requirements of Fiscal Year 2025-2026 Ordinance No. 318, for the “General Fund Tax” and the Total Tax, as set forth in Section 1 hereof, supra, and this Ordinance shall take effect from and after the date of its final passage, the public welfare of the City of Lakesite, Tennessee, requiring it.

SECTION 5: All Ordinances or part of Ordinances in conflict herewith are hereby repealed.

SECTION 6: Every section, sentence, clause, and phrase of this Ordinance is separable and severable. Should any section, sentence, clause or phrase be declared unconstitutional or invalid by a court of competent jurisdiction, said unconstitutionality or invalidity shall not affect or impair any other section, sentence, clause or phrase.

Passed on 1st Reading:

Mayor David Howell

Passed on 2nd Reading:

Jodi P. LaCroix, CMC
City Recorder

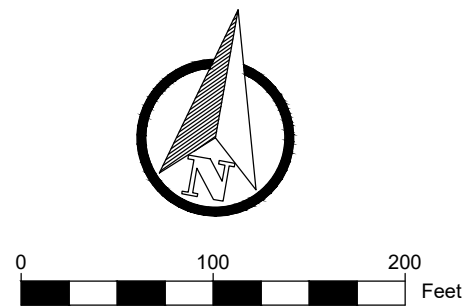
Approved as to Form

Sam Elliott, City Attorney

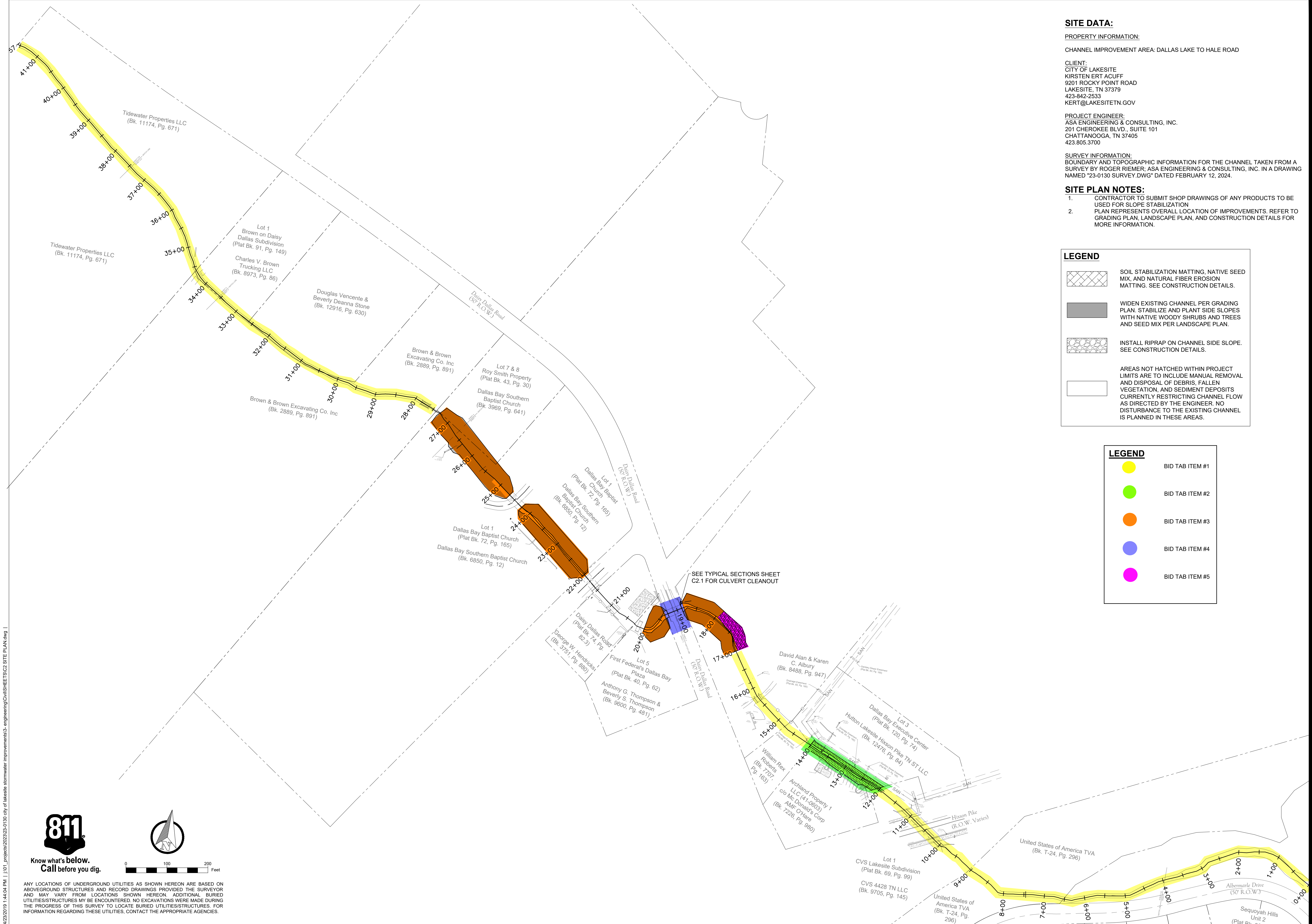
4/23/2019 1:44:04 PM | j:\01_projects\2023\23-0130 city of lakesite stormwater improvements\3-engineering\Civil\SHEETS\C2 SITE PLAN.dwg |



Know what's below.
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ANY LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON ABOVEGROUND STRUCTURES AND RECORD DRAWINGS PROVIDED THE SURVEYOR AND MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURIED UTILITIES/STRUCTURES. FOR INFORMATION REGARDING THESE UTILITIES, CONTACT THE APPROPRIATE AGENCIES.



SITE DATA:

PROPERTY INFORMATION:

CHANNEL IMPROVEMENT AREA: DALLAS LAKE TO HALE ROAD

CLIENT:
CITY OF LAKESITE
KIRSTEN ERT ACUFF
9201 ROCKY POINT ROAD
LAKESITE, TN 37379
423-842-2533
KERT@LAKESITETN.GOV

PROJECT ENGINEER:
ASA ENGINEERING & CONSULTING, INC.
201 CHEROKEE BLVD., SUITE 101
CHATTANOOGA, TN 37405
423.805.3700

SURVEY INFORMATION:
BOUNDARY AND TOPOGRAPHIC INFORMATION FOR THE CHANNEL TAKEN FROM A SURVEY BY ROGER RIEMER, ASA ENGINEERING & CONSULTING, INC. IN A DRAWING NAMED "23-0130 SURVEY.DWG" DATED FEBRUARY 12, 2024.

SITE PLAN NOTES:

1. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF ANY PRODUCTS TO BE USED FOR SLOPE STABILIZATION
2. PLAN REPRESENTS OVERALL LOCATION OF IMPROVEMENTS. REFER TO GRADING PLAN, LANDSCAPE PLAN, AND CONSTRUCTION DETAILS FOR MORE INFORMATION.

LEGEND

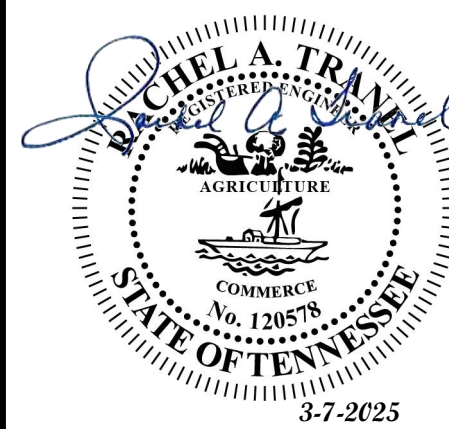
- SOIL STABILIZATION MATTING, NATIVE SEED MIX, AND NATURAL FIBER EROSION MATTING. SEE CONSTRUCTION DETAILS.
- WIDEN EXISTING CHANNEL PER GRADING PLAN. STABILIZE AND PLANT SIDE SLOPES WITH NATIVE WOODY SHRUBS AND TREES AND SEED MIX PER LANDSCAPE PLAN.
- INSTALL RIPRAP ON CHANNEL SIDE SLOPE. SEE CONSTRUCTION DETAILS.
- AREAS NOT HATCHED WITHIN PROJECT LIMITS ARE TO INCLUDE MANUAL REMOVAL AND DISPOSAL OF DEBRIS, FALLEN VEGETATION, AND SEDIMENT DEPOSITS CURRENTLY RESTRICTING CHANNEL FLOW AS DIRECTED BY THE ENGINEER. NO DISTURBANCE TO THE EXISTING CHANNEL IS PLANNED IN THESE AREAS.

LEGEND

- BID TAB ITEM #1
- BID TAB ITEM #2
- BID TAB ITEM #3
- BID TAB ITEM #4
- BID TAB ITEM #5



SEAL



ISSUED FOR
BID

LAKESITE STORMWATER
IMPROVEMENTS
LAKESITE, TN 37379
FOR
CITY OF LAKESITE

No.	Revision/Issue	Date

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PROJECT NO.	23-0130
DATE	03/08/2025
SCALE	AS SHOWN
DESIGNED BY	ASA
DRAWN BY	ASA
CHECKED BY	ASA
TITLE	

OVERALL CHANNEL
SITE PLAN

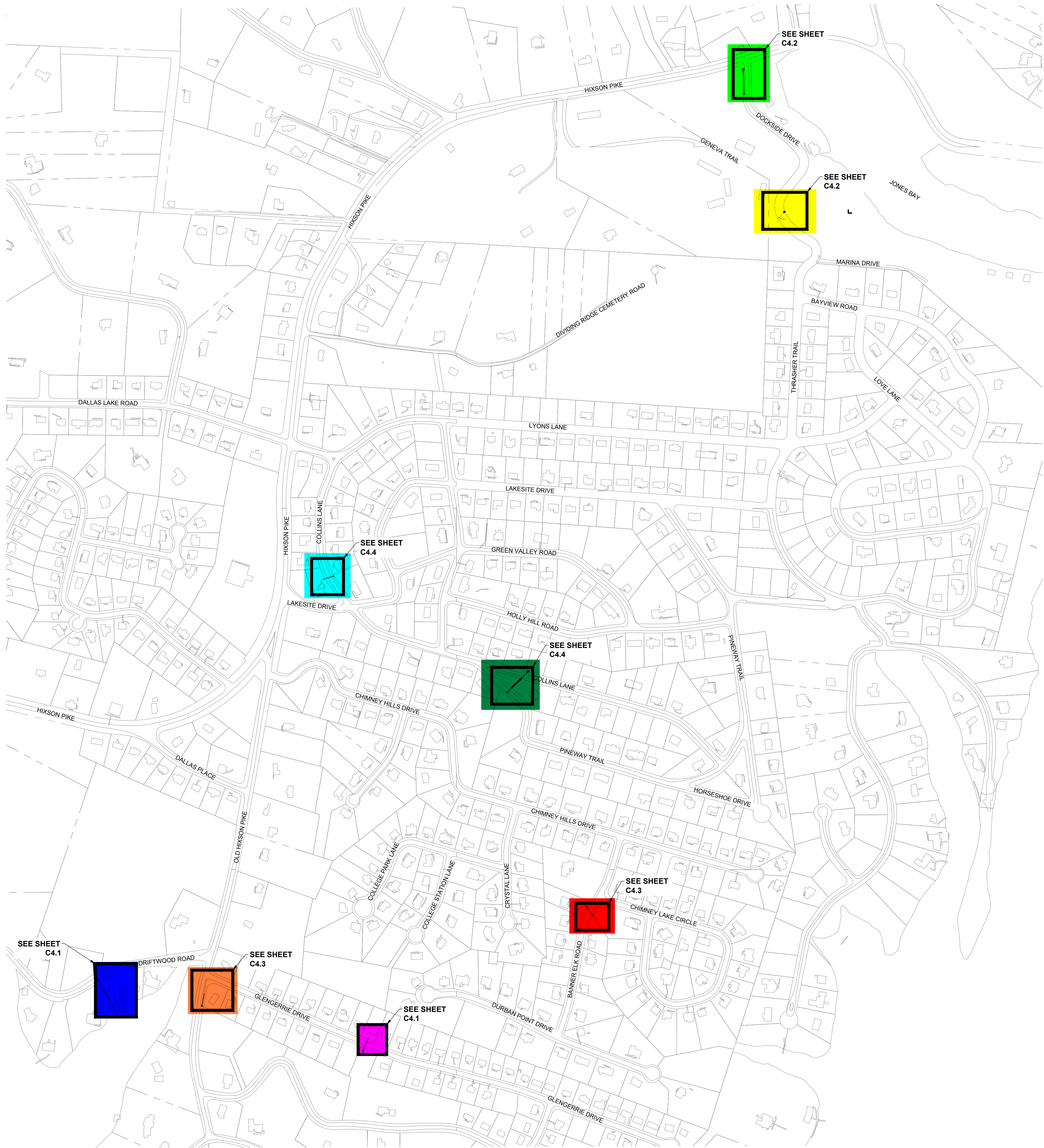
SHEET NO.

C2.0

LAKESITE DRAINAGE GRANT SUMMARY
CHANNEL AREAS

			Wilamut Construction	Wilamut Alternate	H&L Const.
1	0+00 - 8+93 14+30 - 17+00 27+50 - 41+57	Channel Clearing	31,573	31,573	174,624
2	12+04 - 14+32	Channel Behind McD	64,965	64,965	34,655
3	17+00 - 18+88 19+26 - 20+00 22+00 - 24+25 24+67 - 25+60 26+65 - 27+50	Channel Reconstruction Stabilization	313,410	250,790	433,795
4	18+88 - 19+26	Sediment Removal at DD Culvert Area	18,191	18,191	5,300
5	17+00 - 17+98	Rip Rap - Sides & Slopes	23,693	23,693	20,000
TOTAL			451,833	389,214	668,374

4/23/2019 1:44:04 PM | j:\01_projects\2023\0130_city_of_lakesite_stormwater_improvements\3-engineering\Civil\Sheets\C3 GRADING PLAN.dwg |



SITE DATA:

PROPERTY INFORMATION:

CULVERT IMPROVEMENT AREAS: 2228 DRIFTWOOD ROAD, 9291 BANNER ELK ROAD, 2373 GLENGERRIE DRIVE, DOCKSIDE AT GENEVA TRAIL, DOCKSIDE DRIVE AT HIXSON PIKE, 918 OLD HIXSON PIKE, 2304 PINEWAY TRAIL, 2123 COLLINS LANE

CLIENT:

CITY OF LAKESITE
KIRSTEN ERT ACUFF
9201 ROCKY POINT ROAD
LAKESITE, TN 37379
423-842-2533
KERT@LAKESITETN.GOV

PROJECT ENGINEER:

ASA ENGINEERING & CONSULTING, INC.
201 CHEROKEE BLVD., SUITE 101
CHATTANOOGA, TN 37405
423.805.3700

SURVEY INFORMATION:

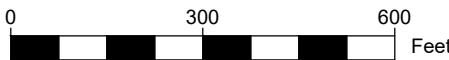
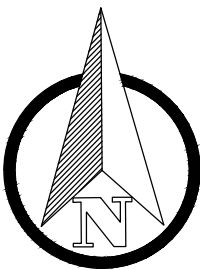
FIELD SURVEY WAS NOT CONDUCTED FOR THE CULVERT REPAIRS/REPLACEMENTS. TOPOGRAPHIC INFORMATION SHOWN IS REPRESENTATIVE OF HAMILTON COUNTY GIS CONTOURS.

LEGEND

- BID TAB ITEM #6
Driftwood Road
- BID TAB ITEM #7
Glengerrie Drive
- BID TAB ITEM #8
Dockside Drive @ Hixson Pike
- BID TAB ITEM #9
Dockside Drive @ Geneva Trail
- BID TAB ITEM #10
Banner Elk Drive
- BID TAB ITEM #11
Old Hixson Pike
- BID TAB ITEM #12
Collins Lane
- BID TAB ITEM #13
Pineway Trail



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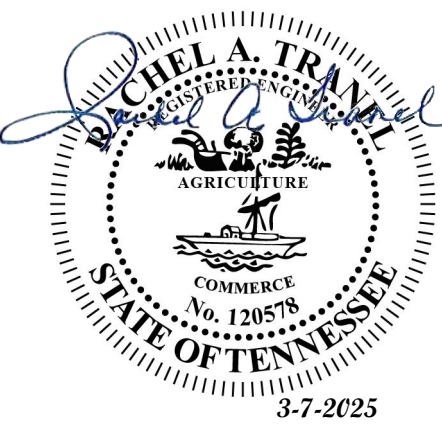


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ENGINEERING & CONSULTING, INC.
201 CHEROKEE BLVD., SUITE 101
CHATTANOOGA, TN 37405
WWW.ASAENGINEERINGINC.COM
423.805.3700

SEAL



ISSUED FOR
BID

LAKESITE STORMWATER
IMPROVEMENTS
LAKESITE, TN 37379
FOR
CITY OF LAKESITE

No.	Revision/Issue	Date

PROJECT NO.	23-0130
DATE	03/08/2025
SCALE	AS SHOWN
DESIGNED BY	ASA
DRAWN BY	ASA
CHECKED BY	ASA
TITLE	

OVERALL CULVERT
REPAIR PLAN

SHEET NO.

C4.0

LAKESITE DRAINAGE GRANT SUMMARY
CULVERTS

			Wilamut Construction	Wilamut Alternate	H&L Const.
6	Driftwood Rd. Replacement	24"	133,807	129,792	657,500
7	Glengerrie	15"	63,600	62,329	212,562
8	Dockside @ Hixson Pike	18"	47,406	45,629	284,800
9	Dockside @ Geneva	Headwall	9,598	9,598	14,232
10	Banner Elk	24"	75,200	75,200	273,300
11	Old Hixson Pike	18"	36,388	35,296	267,300
12	Collins Lane	30"	70,219	68,815	270,500
13	Pineway Trail	18"	107,390	106,047	250,385
TOTAL			543,611	531,204	2,230,580

LAKESITE DRAINAGE GRANT
MOBILIZATION COST

	Wilamut Construction	Wilamut Alternate	H&L Const.
14 Mobilization Cost for Total Work	58,367	58,367	92,500

Mobilization will be charged as a
percent of the cost for each
component of work.

Lakesite Stormwater Improvements
Project No. 23-0130

ITEM NO.	DESCRIPTION	UNIT	QTY	Willamut Bid		Willamut Bid Alternative		HL Bid	
				UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
1	STA 0+00 to 8+93, 14+32 to 17+00, 27+50 to 41+57 (Includes manual removal and disposal offsite of existing debris, fallen vegetation, and sediment deposits currently restricting channel flow.)								
1.1	MANUAL CHANNEL DEBRIS REMOVAL AND DISPOSAL	LF	2568	\$12.20	\$31,573.60	\$12.20	\$31,573.60	\$68.00	\$174,624.00
	SUBTOTAL FOR ITEM NO. 1				\$31,573.60		\$31,573.60		\$174,624.00
2	STA 12+04 to 14+32 (Includes clearing and grubbing of existing side slope, excavation as necessary for matting installation, installation of soil stabilization matting, and native planting and stabilization.)								
2.1	EROSION CONTROL (Complete in Place Per Plan)	LS	1	\$8,120.99	\$8,120.99	\$8,120.99	\$8,120.99	\$4,700.00	\$4,700.00
2.2	CLEARING AND GRUBBING (TDOT Standard Specifications)	LS	1	\$14,617.77	\$14,617.77	\$14,617.77	\$14,617.77	\$19,320.00	\$19,320.00
2.3	BORROW EXCAVATION (UNCLASSIFIED) (TDOT Standard Specifications)	CY	72	\$67.67	\$4,872.24	\$67.67	\$4,872.24	\$85.00	\$6,120.00
2.4	LANDSCAPING (Includes preparation and temporary stabilization matting, planting soil and plant installation - complete in place.)	SY	430	\$11.33	\$4,871.90	\$11.33	\$4,871.90	\$5.25	\$2,257.50
2.5	SLOPE STABILIZATION MATTING (Includes furnishing, and installation per manufacturer's recommendations - complete in place.)	SY	430	\$75.54	\$32,482.20	\$75.54	\$32,482.20	\$5.25	\$2,257.50
	SUBTOTAL FOR ITEM NO. 2				\$64,965.10		\$64,965.10		\$34,655.00
3	STA 17+00 to 18+88, 19+26 to 20+00, 22+00 to 24+25, 24+67 to 25+60, 26+65 to 27+50 (Includes clearing and grubbing of existing side slope, grading, native planting and stabilization.)								

Lakesite Stormwater Improvements
Project No. 23-0130

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
3.1	EROSION CONTROL (Complete in Place Per Plan)	LS	1	\$23,505.91	\$23,505.91	\$23,505.91	\$23,505.91	\$4,700.00	\$4,700.00
3.2	CLEARING AND GRUBBING (TDOT Standard Specifications)	LS	1	\$15,670.61	\$15,670.61	\$15,670.61	\$15,670.61	\$19,320.00	\$19,320.00
3.3	EXCAVATION (TDOT Standard Specifications)	CY	1140	\$61.86	\$70,520.40	\$61.86	\$70,520.40	\$35.00	\$39,900.00
3.4	EMBANKMENT (COMPACTED IN PLACE) (TDOT Standard Specifications)	CY	70	\$223.87	\$15,670.90	\$223.87	\$15,670.90	\$12.50	\$875.00
3.5	LANDSCAPING (Includes preparation and temporary stabilization matting, planting soil and plant installation - complete in place.)	SY	1230	\$152.88	\$188,042.40	\$101.97	\$125,423.10	\$300.00	\$369,000.00
	SUBTOTAL FOR ITEM NO. 3				\$313,410.22		\$250,790.92		\$433,795.00
4	STA 18+88 to 19+26 (Includes removal and disposal of sediment within culvert under Daisy Dallas Road.)								
4.1	EROSION CONTROL (Complete in Place Per Plan)	LS	1	\$4,547.92	\$4,547.92	\$4,547.92	\$4,547.92	\$3,800.00	\$3,800.00
4.2	SEDIMENT REMOVAL (TDOT Standard Specifications)	CY	12	\$1,136.99	\$13,643.88	\$1,136.99	\$13,643.88	\$125.00	\$1,500.00
	SUBTOTAL FOR ITEM NO. 4				\$18,191.80		\$18,191.80		\$5,300.00
5	STA 17+00 to 17+98 (Includes installation of riprap on channel side slopes.)								
5.1	EROSION CONTROL (Complete in Place Per Plan)	LS	1	\$7,107.94	\$7,107.94	\$7,107.94	\$7,107.94	\$4,700.00	\$4,700.00
5.2	SLOPE STABILIZATION - RIPRAP (Includes preparation, furnishing, and installation of riprap on channel side slopes per plan. Complete-in-place.	CY	51	\$325.20	\$16,585.20	\$325.20	\$16,585.20	\$300.00	\$15,300.00
	SUBTOTAL FOR ITEM NO. 5				\$23,693.14		\$23,693.14		\$20,000.00

Lakesite Stormwater Improvements
Project No. 23-0130

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
6	Culvert Repair Replacement - Driftwood Road (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)								
6.1	EROSION CONTROL (Complete in Place As Noted on Plan)	LS	1	\$3,345.64	\$3,345.64	\$3,345.64	\$3,345.64	\$5,800.00	\$5,800.00
6.2	REMOVAL OF PIPE (18" DIA.) (TDOT Standard Specifications)	LF	275	\$85.16	\$23,419.00	\$85.16	\$23,419.00	\$900.00	\$247,500.00
6.3	24" CONCRETE PIPE CULVERT (CLASS III) (TDOT Standard Specifications)	LF	275	\$145.99	\$40,147.25	\$131.39	\$36,132.25	\$940.00	\$258,500.00
6.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	\$3,345.64	\$3,345.64	\$3,345.64	\$3,345.64	\$3,500.00	\$3,500.00
6.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specfications)	LF	275	\$60.83	\$16,728.25	\$60.83	\$16,728.25	\$30.00	\$8,250.00
6.6	HARDSCAPE/LANDSCAPE/ROADWAY RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	4125	\$3.24	\$13,365.00	\$3.24	\$13,365.00	\$30.00	\$123,750.00
6.7	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$33,456.36	\$33,456.36	\$33,456.36	\$33,456.36	\$10,200.00	\$10,200.00
	SUBTOTAL FOR ITEM NO. 6				\$133,807.14		\$129,792.14		\$657,500.00
7	Culvert Repair Replacement - Glengerrie Drive (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)								
7.1	EROSION CONTROL (Complete in Place As Noted on Plan)	LS	1	\$1,590.09	\$1,590.09	\$1,590.09	\$1,590.09	\$4,700.00	\$4,700.00
7.2	REMOVAL OF PIPE (15" DIA.) (TDOT Standard Specifications)	LF	65	\$97.85	\$6,360.25	\$97.85	\$6,360.25	\$900.00	\$58,500.00
7.3	15" CONCRETE PIPE CULVERT (CLASS III) (TDOT Standard Specifications)	LF	65	\$195.70	\$12,720.50	\$176.13	\$11,448.45	\$1,600.00	\$104,000.00

Lakesite Stormwater Improvements
Project No. 23-0130

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
7.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	\$3,180.18	\$3,180.18	\$3,180.18	\$3,180.18	\$3,500.00	\$3,500.00
7.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	65	\$73.39	\$4,770.35	\$73.39	\$4,770.35	\$30.00	\$1,950.00
7.6	MACHINED RIP-RAP (CLASS B) (TDOT Standard Specifications)	TON	2.5	\$254.42	\$636.05	\$254.42	\$636.05	\$185.00	\$462.50
7.7	HARDSCAPE/LANDSCAPE/ROADWAY RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	975	\$3.26	\$3,178.50	\$3.26	\$3,178.50	\$30.00	\$29,250.00
7.8	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$31,165.80	\$31,165.80	\$31,165.80	\$31,165.80	\$10,200.00	\$10,200.00
	SUBTOTAL FOR ITEM NO. 7				\$63,601.72		\$62,329.47		\$212,562.50
							\$62,329.67		
8	Culvert Repair Replacement - Dockside Drive @ Hixson Pike (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)								
8.1	EROSION CONTROL (Complete in Place As Noted On Plan)	LS	1	\$2,370.22	\$2,370.22	\$2,370.22	\$2,370.22	\$4,700.00	\$4,700.00
8.2	REMOVAL OF PIPE (18" DIA.)(TDOT Standard Specifications)	LF	130	\$36.47	\$4,741.10	\$36.47	\$4,741.10	\$900.00	\$117,000.00
8.3	18" CONCRETE PIPE CULVERT (CLASS III) (TDOT Standard Specifications)	LF	130	\$136.74	\$17,776.20	\$123.07	\$15,999.10	\$650.00	\$84,500.00
8.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	\$1,185.11	\$1,185.11	\$1,185.11	\$1,185.11	\$3,500.00	\$3,500.00
8.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	130	\$63.81	\$8,295.30	\$63.81	\$8,295.30	\$30.00	\$3,900.00
8.6	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	1	\$2,370.22	\$2,370.22	\$2,370.22	\$2,370.22	\$2,500.00	\$2,500.00

Lakesite Stormwater Improvements
Project No. 23-0130

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
8.7	HARDSCAPE/LANDSCAPE/ROADWAY RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1950	\$3.04	\$5,928.00	\$3.04	\$5,928.00	\$30.00	\$58,500.00
8.8	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$4,740.44	\$4,740.44	\$4,740.44	\$4,740.44	\$10,200.00	\$10,200.00
	SUBTOTAL FOR ITEM NO. 8				\$47,406.59		\$45,629.49		\$284,800.00
9	Culvert Repair Replacement - Dockside Drive @ Geneva Trail (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)								
9.1	EROSION CONTROL (Complete in Place As Noted on Plan)	LS	1	\$959.80	\$959.80	\$959.80	\$959.80	\$4,700.00	\$4,700.00
9.2	PIPE CLEANING (> OR =18IN DIA.) (TDOT Stanard Specifications)	LF	54	\$53.32	\$2,879.28	\$53.32	\$2,879.28	\$30.00	\$1,620.00
9.3	MACHINED RIP-RAP (CLASS B) (TDOT Standard Specifications)	TON	2.5	\$959.80	\$2,399.50	\$959.80	\$2,399.50	\$285.00	\$712.50
9.4	HARDSCAPE/LANDSCAPE/ROADWAY RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	80	\$6.00	\$480.00	\$6.00	\$480.00	\$30.00	\$2,400.00
9.5	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$2,879.40	\$2,879.40	\$2,879.40	\$2,879.40	\$4,800.00	\$4,800.00
	SUBTOTAL FOR ITEM NO. 9				\$9,597.98		\$9,597.98		\$14,232.50
10	Culvert Repair Replacement - Banner Elk Drive (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)								
10.1	EROSION CONTROL (Complete in Place as Noted on Plan)	LS	1	\$3,760.42	\$3,760.42	\$3,760.42	\$3,760.42	\$4,700.00	\$4,700.00
10.2	REMOVAL OF PIPE (24" DIA.) (TDOT Standard Specifications)	LF	80	\$94.01	\$7,520.80	\$94.01	\$7,520.80	\$900.00	\$72,000.00

Lakesite Stormwater Improvements
Project No. 23-0130

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
10.3	24" CONCRETE PIPE CULVERT (CLASS III) (TDOT Standard Specifications)	LF	80	\$188.01	\$15,040.80	\$169.21	\$13,536.80	\$1,700.00	\$136,000.00
10.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	2	\$1,880.12	\$3,760.24	\$1,880.12	\$3,760.24	\$3,500.00	\$7,000.00
10.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	80	\$51.70	\$4,136.00	\$51.70	\$4,136.00	\$30.00	\$2,400.00
10.6	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	2	\$1,880.12	\$3,760.24	\$1,880.12	\$3,760.24	\$2,500.00	\$5,000.00
10.7	HARDSCAPE/LANDSCAPE/ROADWAY RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1200	\$3.13	\$3,756.00	\$3.13	\$3,756.00	\$30.00	\$36,000.00
10.8	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$33,466.16	\$33,466.16	\$33,466.16	\$33,466.16	\$10,200.00	\$10,200.00
	SUBTOTAL FOR ITEM NO. 10				\$75,200.66		\$73,696.66		\$273,300.00
11	Culvert Repair Replacement - Old Hixson Pike (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)								
11.1	EROSION CONTROL (Complete in Place as Noted on Plan)	LS	1	\$1,819.02	\$1,819.02	\$1,819.02	\$1,819.02	\$4,700.00	\$4,700.00
11.2	REMOVAL OF PIPE (18" DIA.) (TDOT Standard Specifications)	LF	80	\$45.50	\$3,640.00	\$45.50	\$3,640.00	\$900.00	\$72,000.00
11.3	24" CONCRETE PIPE CULVERT (CLASS III) (TDOT Standard Specifications)	LF	80	\$136.43	\$10,914.40	\$122.79	\$9,823.20	\$1,700.00	\$136,000.00
11.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	\$909.51	\$909.51	\$909.51	\$909.51	\$3,500.00	\$3,500.00
11.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	80	\$56.84	\$4,547.20	\$56.84	\$4,547.20	\$30.00	\$2,400.00
11.6	CATCH BASIN , TYPE 12, 0' - 4' DEPTH (TDOT Standard Specifications)	EACH	1	\$2,728.52	\$2,728.52	\$2,728.52	\$2,728.52	\$4,500.00	\$4,500.00

Lakesite Stormwater Improvements
Project No. 23-0130

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
11.7	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	1	\$1,819.02	\$1,819.02	\$1,819.02	\$1,819.02	\$2,500.00	\$2,500.00
11.8	HARDSCAPE/LANDSCAPE/ROADWAY RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1050	\$3.47	\$3,643.50	\$3.47	\$3,643.50	\$30.00	\$31,500.00
11.9	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$6,366.55	\$6,366.55	\$6,366.55	\$6,366.55	\$10,200.00	\$10,200.00
	SUBTOTAL FOR ITEM NO. 11				\$36,387.72		\$35,296.52		\$267,300.00
12	Culvert Repair Replacement - Collins Lane (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)								
12.1	EROSION CONTROL (Complete in Place as Noted on Plan)	LS	1	\$1,755.56	\$1,755.56	\$1,755.56	\$1,755.56	\$4,700.00	\$4,700.00
12.2	REMOVAL OF PIPE (24" DIA.) (TDOT Standard Specifications)	LF	70	\$100.32	\$7,022.40	\$100.32	\$7,022.40	\$900.00	\$63,000.00
12.3	30" CONCRETE PIPE CULVERT (CLASS III) (TDOT Standard Specifications)	LF	70	\$200.64	\$14,044.80	\$180.58	\$12,640.60	\$1,950.00	\$136,500.00
12.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	\$1,755.56	\$1,755.56	\$1,755.56	\$1,755.56	\$3,500.00	\$3,500.00
12.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	70	\$55.18	\$3,862.60	\$55.18	\$3,862.60	\$30.00	\$2,100.00
12.6	CATCH BASIN , TYPE 12, 4' - 8' DEPTH (TDOT Standard Specifications)	EACH	1	\$3,511.11	\$3,511.11	\$3,511.11	\$3,511.11	\$16,500.00	\$16,500.00
12.7	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	1	\$1,755.56	\$1,755.56	\$1,755.56	\$1,755.56	\$2,500.00	\$2,500.00
12.8	HARDSCAPE/LANDSCAPE/ROADWAY RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1050	\$3.34	\$3,507.00	\$3.34	\$3,507.00	\$30.00	\$31,500.00
12.9	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$33,004.46	\$33,004.46	\$33,004.46	\$33,004.46	\$10,200.00	\$10,200.00
	SUBTOTAL FOR ITEM NO. 12				\$70,219.05		\$68,814.85		\$270,500.00

Lakesite Stormwater Improvements
Project No. 23-0130

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
13	Culvert Repair Replacement - Pineway Trail (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)								
13.1	EROSION CONTROL (Complete in Place As Noted on Plan)	LS	1	\$2,684.77	\$2,684.77	\$2,684.77	\$2,684.77	\$4,700.00	\$4,700.00
13.2	REMOVAL OF PIPE (15" DIA.) (TDOT Standard Specifications	LF	30	\$116.34	\$3,490.20	\$116.34	\$3,490.20	\$900.00	\$27,000.00
13.3	15" CONCRETE PIPE CULVERT (CLASS III) (TDOT Standard Specifications	LF	30	\$178.99	\$5,369.70	\$161.09	\$4,832.70	\$1,600.00	\$48,000.00
13.4	REMOVAL OF PIPE (18" DIA.) (TDOT Standard Specifications)	LF	45	\$119.32	\$5,369.40	\$119.32	\$5,369.40	\$900.00	\$40,500.00
13.5	18" CONCRETE PIPE CULVERT (CLASS III) (TDOT Standard Specifications)	LF	45	\$178.99	\$8,054.55	\$161.09	\$7,249.05	\$1,600.00	\$72,000.00
13.6	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	\$1,073.91	\$1,073.91	\$1,073.91	\$1,073.91	\$3,500.00	\$3,500.00
13.7	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications	LF	75	\$50.12	\$3,759.00	\$50.12	\$3,759.00	\$30.00	\$2,250.00
13.8	MACHINED RIP-RAP (CLASS B) (TDOT Standard Specifications)	TON	21	\$127.85	\$2,684.85	\$127.85	\$2,684.85	\$285.00	\$5,985.00
13.9	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	1	\$2,684.77	\$2,684.77	\$2,684.77	\$2,684.77	\$2,500.00	\$2,500.00
13.10	HARDSCAPE/LANDSCAPE/ROADWAY RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1125	\$3.34	\$3,757.50	\$3.34	\$3,757.50	\$30.00	\$33,750.00
13.11	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$68,461.60	\$68,461.60	\$68,461.60	\$68,461.60	\$10,200.00	\$10,200.00
	SUBTOTAL FOR ITEM NO. 13				\$107,390.74		\$106,047.75		\$250,385.00
					\$107,390.25				

Lakesite Stormwater Improvements
Project No. 23-0130

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
14	MOBILIZATION (Includes bid bond, performance bond, payment bond, all applicable permits, and anything not covered in the above items necessary to complete the work.)	LS	1	\$58,367.42	\$58,367.42	\$58,367.42	\$58,367.42	\$92,500.00	\$92,500.00
TOTAL BID (INCLUDING ITEMS NO. 1 THRU 14)					\$1,053,812.88		\$978,786.84		\$2,991,454.00

Addendum #1 Acknowledgement

I acknowledge I have received Addendum #1 and this bid has been provided in accordance.

Printed Name of Bidder

Signature of Bidder

Copy of front of envelope (Sealed)

City of Lakesite Storm Water Management Improvement Project



RECEIVED

4-30-25
10:43 JPL

Contractor's Name: Wilamut Construction Co LLC

Contact: Will Hall (615) 686-3880, info@wilamutconstruction.com

Contractor's License NO: 80761, Exp: March 31 2026, BC, CE-C, HRA-A, MU

A). Name of Project: City of Lakesite Stormwater Management Improvement Project

B) Contractor's Name: Wilamut Construction Co LLC

C) Contractor's Address: 7716 Mouse Creek Road NW Cleveland TN 37312

**D) Contractor's Contact Information: (615) 686-3880, (423) 650-7426
info@wilamutconstruction.com**

E) Primary Point of Contact: Will Hall: (615) 686-3880, will@wilamutconstruction.com

**Lakesite Stormwater Improvements
Project No. 23-0130**

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
1	STA 0+00 to 8+93, 14+32 to 17+00, 27+50 to 41+57 (Includes manual removal and disposal offsite of existing debris, fallen vegetation, and sediment deposits currently restricting channel flow.)				
1.1	MANUAL CHANNEL DEBRIS REMOVAL AND DISPOSAL	LF	2568	\$12.20	\$31,573.60
	SUBTOTAL FOR ITEM NO. 1				\$31,573.60
2	STA 12+04 to 14+32 (Includes clearing and grubbing of existing side slope, excavation as necessary for matting installation, installation of soil stabilization matting, and native planting and stabilization.)				
2.1	EROSION CONTROL (Complete in Place Per Plan)	LS	1	\$8,120.99	\$8,120.99
2.2	CLEARING AND GRUBBING (TDOT Standard Specifications)	LS	1	\$14,617.77	\$14,617.77
2.3	BORROW EXCAVATION (UNCLASSIFIED) (TDOT Standard Specifications)	CY	72	\$67.67	\$4,872.24
2.4	LANDSCAPING (Includes preparation and temporary stabilization matting, planting soil and plant installation - complete in place.)	SY	430	\$11.33	\$4,871.90
2.5	SLOPE STABILIZATION MATTING (Includes furnishing, and installation per manufacturer's recommendations - complete in place.)	SY	430	\$75.54	\$32,482.20
	SUBTOTAL FOR ITEM NO. 2				\$64,965.10
3	STA 17+00 to 18+88, 19+26 to 20+00, 22+00 to 24+25, 24+67 to 25+60, 26+65 to 27+50 (Includes clearing and grubbing of existing side slope, grading, native planting and stabilization.)				
3.1	EROSION CONTROL (Complete in Place Per Plan)	LS	1	\$23,505.91	\$23,505.91
3.2	CLEARING AND GRUBBING (TDOT Standard Specifications)	LS	1	\$15,670.61	\$15,670.61
3.3	EXCAVATION (TDOT Standard Specifications)	CY	1140	\$61.86	\$70,520.40
3.4	EMBANKMENT (COMPACTED IN PLACE) (TDOT Standard Specifications)	CY	70	\$223.87	\$15,670.90
3.5	LANDSCAPING (Includes preparation and temporary stabilization matting, planting soil and plant installation - complete in place.)	SY	1230	\$152.88	\$188,042.40
	SUBTOTAL FOR ITEM NO. 3				\$313,410.22

***Per Addendum #3 Section 17+00 - 20+00

3 Excavation, clearing and grubbing of slope			
3.1 Erosion Control	LS 1	\$4,701.18	\$4,701.18
3.2 Clearing and Grubbing	LS 1	\$10,969.43	\$10,969.43
3.3 Excavation	CY 319.2	\$61.86	\$19,745.71
3.5 Landscaping	SY 344.4	\$152.89	\$52,655.32
	Subtotal		\$88,071.64

**Lakesite Stormwater Improvements
Project No. 23-0130**

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
4	STA 18+88 to 19+26 (Includes removal and disposal of sediment within culvert under Daisy Dallas Road.)				
4.1	EROSION CONTROL (Complete in Place Per Plan)	LS	1	\$4,547.92	\$4,547.92
4.2	SEDIMENT REMOVAL (TDOT Standard Specifications)	CY	12	\$1,136.99	\$13,643.88
	SUBTOTAL FOR ITEM NO. 4				\$18,191.80
5	STA 17+00 to 17+98 (Includes installation of riprap on channel side slopes.)				
5.1	EROSION CONTROL (Complete in Place Per Plan)	LS	1	\$7,107.94	\$7,107.94
5.2	SLOPE STABILIZATION - RIPRAP (Includes preparation, furnishing, and installation of riprap on channel side slopes per plan. Complete-in-place.)	CY	51	\$325.20	\$16,585.20
	SUBTOTAL FOR ITEM NO. 5				\$23,693.14
6	Culvert Repair Replacement - Driftwood Road (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				
6.1	EROSION CONTROL (Complete in Place As Noted on Plan)	LS	1	\$3,345.64	\$3,345.64
6.2	REMOVAL OF PIPE (18" DIA.) (TDOT Standard Specifications)	LF	275	\$85.16	\$23,419.00
6.3	24" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	275	\$145.99	\$40,147.25
6.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	\$3,345.64	\$3,345.64
6.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	275	\$60.83	\$16,728.25
6.6	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	4125	\$3.24	\$13,365.00
6.7	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$33,456.36	\$33,456.36
	SUBTOTAL FOR ITEM NO. 6				\$133,807.14
7	Culvert Repair Replacement - Glengerrrie Drive (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				

**Lakesite Stormwater Improvements
Project No. 23-0130**

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
7.1	EROSION CONTROL (Complete in Place As Noted on Plan)	LS	1	\$1,590.09	\$1,590.09
7.2	REMOVAL OF PIPE (15" DIA.) (TDOT Standard Specifications)	LF	65	\$97.85	\$6,360.25
7.3	15" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	65	\$195.70	\$12,720.50
7.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	\$3,180.18	\$3,180.18
7.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	65	\$73.39	\$4,770.35
7.6	MACHINED RIP-RAP (CLASS B) (TDOT Standard Specifications)	TON	2.5	\$254.42	\$636.05
7.7	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	975	\$3.26	3,178.50
7.8	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$31,165.80	\$31,165.80
SUBTOTAL FOR ITEM NO. 7					\$63,601.72
8	Culvert Repair Replacement - Dockside Drive @ Hixson Pike (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				
8.1	EROSION CONTROL (Complete in Place As Noted On Plan)	LS	1	\$2,370.22	\$2,370.22
8.2	REMOVAL OF PIPE (18" DIA.) (TDOT Standard Specifications)	LF	130	\$36.47	\$4,741.10
8.3	18" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	130	\$136.74	\$17,776.20
8.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	\$1,185.11	\$1,185.11
8.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	130	\$63.81	\$8,295.30
8.6	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	1	\$2,370.22	\$2,370.22
8.7	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1950	\$3.04	\$5,928.00
8.8	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$4,740.44	\$4,740.44
SUBTOTAL FOR ITEM NO. 8					\$47,406.59

Lakesite Stormwater Improvements
Project No. 23-0130

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
9	Culvert Repair Replacement - Dockside Drive @ Geneva Trail (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				
9.1	EROSION CONTROL (Complete in Place As Noted on Plan)	LS	1	\$959.80	\$959.80
9.2	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	54	\$53.32	\$2,879.28
9.3	MACHINED RIP-RAP (CLASS B) (TDOT Standard Specifications)	TON	2.5	\$959.80	\$2,399.50
9.4	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	80	\$6.00	\$480.00
9.5	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$2,879.40	\$2,879.40
	SUBTOTAL FOR ITEM NO. 9				\$9,597.98
10	Culvert Repair Replacement - Banner Elk Drive (Includes preparation, furnishing, and construction of				
10.1	EROSION CONTROL (Complete in Place as Noted on Plan)	LS	1	\$3,760.42	\$3,760.42
10.2	REMOVAL OF PIPE (24" DIA.) (TDOT Standard Specifications)	LF	80	\$94.01	\$7,520.80
10.3	24" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	80	\$188.01	\$15,040.80
10.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	2	\$1,880.12	\$3,760.24
10.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	80	\$51.70	\$4,136.00
10.6	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	2	\$1,880.12	\$3,760.24
10.7	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1200	\$3.13	\$3,756.00
10.8	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$33,466.16	\$33,466.16
	SUBTOTAL FOR ITEM NO. 10				\$75,200.66
11	Culvert Repair Replacement - Old Hixson Pike (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				
11.1	EROSION CONTROL (Complete in Place as Noted on Plan)	LS	1	\$1,819.02	\$1,819.02

Lakesite Stormwater Improvements
Project No. 23-0130

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
11.2	REMOVAL OF PIPE (18" DIA.) (TDOT Standard Specifications)	LF	80	\$45.50	\$3,640.00
11.3	24" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	80	\$136.43	\$10,914.40
11.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	\$909.51	\$909.51
11.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	80	\$56.84	\$4,547.2
11.6	CATCH BASIN , TYPE 12, 0' - 4' DEPTH (TDOT Standard Specifications)	EACH	1	\$2,728.52	\$2,728.52
11.7	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	1	\$1,819.02	\$1,819.02
11.8	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1050	\$3.47	\$3,643.50
11.9	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$6,366.55	\$6,366.55
SUBTOTAL FOR ITEM NO. 11					\$36,387.72
12	Culvert Repair Replacement - Collins Lane (Includes preparation, furnishing, and construction of culvert				
12.1	EROSION CONTROL (Complete in Place as Noted on Plan)	LS	1	\$1,755.56	\$1,755.56
12.2	REMOVAL OF PIPE (24" DIA.) (TDOT Standard Specifications)	LF	70	\$100.32	\$7,022.40
12.3	30" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	70	\$200.64	\$14,044.80
12.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	\$1,755.56	\$1,755.56
12.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	70	\$55.18	\$3,862.60
12.6	CATCH BASIN , TYPE 12, 4' - 8' DEPTH (TDOT Standard Specifications)	EACH	1	\$3,511.11	\$3,511.11
12.7	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	1	\$1,755.56	\$1,755.56
12.8	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1050	\$3.34	\$3,507.00
12.9	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$33,004.46	\$33,004.46
SUBTOTAL FOR ITEM NO. 12					\$70,219.05
13	Culvert Repair Replacement - Pineway Trail (Includes preparation, furnishing, and construction of culvert				

**Lakesite Stormwater Improvements
Project No. 23-0130**

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
13.1	EROSION CONTROL (Complete in Place As Noted on Plan)	LS	1	\$2,684.77	\$2,684.77
13.2	REMOVAL OF PIPE (15" DIA.) (TDOT Standard Specifications)	LF	30	\$116.34	\$3,490.20
13.3	15" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	30	\$178.99	\$5,369.70
13.4	REMOVAL OF PIPE (18" DIA.) (TDOT Standard Specifications)	LF	45	\$119.32	\$5,369.40
13.5	18" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	45	\$178.99	\$8,054.55
13.6	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	\$1,073.91	\$1,073.91
13.7	PIPE CLEANING (> OR = 18IN DIA.) (TDOT Standard Specifications)	LF	75	\$50.12	\$3,759.00
13.8	MACHINED RIP-RAP (CLASS B) (TDOT Standard Specifications)	TON	21	\$127.85	\$2,684.85
13.9	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	1	\$2,684.77	\$2,684.77
13.10	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1125	\$3.34	\$3,757.50
13.11	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$68,461.60	\$68,461.60
SUBTOTAL FOR ITEM NO. 13					\$107,390.74
14	MOBILIZATION (Includes bid bond, performance bond, payment bond, all applicable permits, and anything not covered in the above items necessary to complete the work.)	LS	1	\$58,367.42	\$58,367.42
TOTAL BID (INCLUDING ITEMS NO. 1 THRU 14)					\$1,053,812.88

City of Lakesite Storm Water Management Improvement Project

Alternate Pricing #1:

- Substitution of RCP to HP for all culvert pipe
- Reduction of Landscaping plant schedule by 30%

City of Lakesite Storm Water Management Improvement Project

Alternate pricing #1:

Substitution of RCP to HP for all culvert pipe

Reduction of Landscaping plant schedule by 30%

Lakesite Stormwater Improvements
Project No. 23-0130

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
1	STA 0+00 to 8+93, 14+32 to 17+00, 27+50 to 41+57 (Includes manual removal and disposal offsite of existing debris, fallen vegetation, and sediment deposits currently restricting channel flow.)				
1.1	MANUAL CHANNEL DEBRIS REMOVAL AND DISPOSAL	LF	2568	\$12.20	\$31,573.60
	SUBTOTAL FOR ITEM NO. 1				\$31,573.60
2	STA 12+04 to 14+32 (Includes clearing and grubbing of existing side slope, excavation as necessary for matting installation, installation of soil stabilization matting, and native planting and stabilization.)				
2.1	EROSION CONTROL (Complete in Place Per Plan)	LS	1	\$8,120.99	\$8,120.99
2.2	CLEARING AND GRUBBING (TDOT Standard Specifications)	LS	1	\$14,617.77	\$14,617.77
2.3	BORROW EXCAVATION (UNCLASSIFIED) (TDOT Standard Specifications)	CY	72	\$67.67	\$4,872.24
2.4	LANDSCAPING (Includes preparation and temporary stabilization matting, planting soil and plant installation - complete in place.)	SY	430	\$11.33	\$4,871.90
2.5	SLOPE STABILIZATION MATTING (Includes furnishing, and installation per manufacturer's recommendations - complete in place.)	SY	430	\$75.54	\$32,482.20
	SUBTOTAL FOR ITEM NO. 2				\$64,965.10
3	STA 17+00 to 18+88, 19+26 to 20+00, 22+00 to 24+25, 24+67 to 25+60, 26+65 to 27+50 (Includes clearing and grubbing of existing side slope, grading, native planting and stabilization.)				
3.1	EROSION CONTROL (Complete in Place Per Plan)	LS	1	\$23,505.91	\$23,505.91
3.2	CLEARING AND GRUBBING (TDOT Standard Specifications)	LS	1	\$15,670.61	\$15,670.61
3.3	EXCAVATION (TDOT Standard Specifications)	CY	1140	\$61.86	\$70,520.40
3.4	EMBANKMENT (COMPACTED IN PLACE) (TDOT Standard Specifications)	CY	70	\$223.87	\$15,670.90
3.5	LANDSCAPING (Includes preparation and temporary stabilization matting, planting soil and plant installation - complete in place.)	SY	1230	\$101.97	\$125,423.10
	SUBTOTAL FOR ITEM NO. 3				\$250,790.92

**Lakesite Stormwater Improvements
Project No. 23-0130**

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
4	STA 18+88 to 19+26 (Includes removal and disposal of sediment within culvert under Daisy Dallas Road.)				
4.1	EROSION CONTROL (Complete in Place Per Plan)	LS	1	\$4,547.92	\$4,547.92
4.2	SEDIMENT REMOVAL (TDOT Standard Specifications)	CY	12	\$1,136.99	\$13,643.88
	SUBTOTAL FOR ITEM NO. 4				\$18,191.80
5	STA 17+00 to 17+98 (Includes installation of riprap on channel side slopes.)				
5.1	EROSION CONTROL (Complete in Place Per Plan)	LS	1	\$7,107.94	\$7,107.94
5.2	SLOPE STABILIZATION - RIPRAP (Includes preparation, furnishing, and installation of riprap on channel side slopes per plan. Complete-in-place.)	CY	51	\$325.20	\$16,585.20
	SUBTOTAL FOR ITEM NO. 5				\$23,693.14
6	Culvert Repair Replacement - Driftwood Road (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				
6.1	EROSION CONTROL (Complete in Place As Noted on Plan)	LS	1	\$3,345.64	\$3,345.64
6.2	REMOVAL OF PIPE (18" DIA.) (TDOT Standard Specifications)	LF	275	\$85.16	\$23,419.00
6.3	24" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	275	\$131.39	\$36,132.25
6.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	\$3,345.64	\$3,345.64
6.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	275	\$60.83	\$16,728.25
6.6	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	4125	\$3.24	\$13,365.00
6.7	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$33,456.36	\$33,456.36
	SUBTOTAL FOR ITEM NO. 6				\$129,792.14
7	Culvert Repair Replacement - Glengerrie Drive (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				

**Lakesite Stormwater Improvements
Project No. 23-0130**

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
7.1	EROSION CONTROL (Complete in Place As Noted on Plan)	LS	1	\$1,590.09	\$1,590.09
7.2	REMOVAL OF PIPE (15" DIA.) (TDOT Standard Specifications)	LF	65	\$97.85	\$6,360.25
7.3	15" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	65	\$176.13	\$11,448.45
7.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	\$3,180.18	\$3,180.18
7.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	65	\$73.39	\$4,770.35
7.6	MACHINED RIP-RAP (CLASS B) (TDOT Standard Specifications)	TON	2.5	\$254.42	\$636.05
7.7	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	975	\$3.26	3,178.50
7.8	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$31,165.80	\$31,165.80
SUBTOTAL FOR ITEM NO. 7					\$62,329.47
8	Culvert Repair Replacement - Dockside Drive @ Hixson Pike (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				
8.1	EROSION CONTROL (Complete in Place As Noted On Plan)	LS	1	\$2,370.22	\$2,370.22
8.2	REMOVAL OF PIPE (18" DIA.) (TDOT Standard Specifications)	LF	130	\$36.47	\$4,741.10
8.3	18" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	130	\$123.07	\$15,999.10
8.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	\$1,185.11	\$1,185.11
8.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	130	\$63.81	\$8,295.30
8.6	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	1	\$2,370.22	\$2,370.22
8.7	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1950	\$3.04	\$5,928.00
8.8	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$4,740.44	\$4,740.44
SUBTOTAL FOR ITEM NO. 8					\$45,629.49

**Lakesite Stormwater Improvements
Project No. 23-0130**

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
9	Culvert Repair Replacement - Dockside Drive @ Geneva Trail (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				
9.1	EROSION CONTROL (Complete in Place As Noted on Plan)	LS	1	\$959.80	\$959.80
9.2	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	54	\$53.32	\$2,879.28
9.3	MACHINED RIP-RAP (CLASS B) (TDOT Standard Specifications)	TON	2.5	\$959.80	\$2,399.50
9.4	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	80	\$6.00	\$480.00
9.5	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$2,879.40	\$2,879.40
	SUBTOTAL FOR ITEM NO. 9				\$9,597.98
10	Culvert Repair Replacement - Banner Elk Drive (Includes preparation, furnishing, and construction of				
10.1	EROSION CONTROL (Complete in Place as Noted on Plan)	LS	1	\$3,760.42	\$3,760.42
10.2	REMOVAL OF PIPE (24" DIA.) (TDOT Standard Specifications)	LF	80	\$94.01	\$7,520.80
10.3	24" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	80	\$169.21	\$13,536.80
10.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	2	\$1,880.12	\$3,760.24
10.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	80	\$51.70	\$4,136.00
10.6	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	2	\$1,880.12	\$3,760.24
10.7	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1200	\$3.13	\$3,756.00
10.8	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$33,466.16	\$33,466.16
	SUBTOTAL FOR ITEM NO. 10				\$73,696.66
11	Culvert Repair Replacement - Old Hixson Pike (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				
11.1	EROSION CONTROL (Complete in Place as Noted on Plan)	LS	1	\$1,819.02	\$1,819.02

**Lakesite Stormwater Improvements
Project No. 23-0130**

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
11.2	REMOVAL OF PIPE (18" DIA.) (TDOT Standard Specifications)	LF	80	\$45.50	\$3,640.00
11.3	24" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	80	\$122.79	\$9,823.20
11.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	\$909.51	\$909.51
11.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	80	\$56.84	\$4,547.2
11.6	CATCH BASIN , TYPE 12, 0' - 4' DEPTH (TDOT Standard Specifications)	EACH	1	\$2,728.52	\$2,728.52
11.7	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	1	\$1,819.02	\$1,819.02
11.8	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1050	\$3.47	\$3,643.50
11.9	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$6,366.55	\$6,366.55
SUBTOTAL FOR ITEM NO. 11					\$35,296.52
12	Culvert Repair Replacement - Collins Lane (Includes preparation, furnishing, and construction of culvert				
12.1	EROSION CONTROL (Complete in Place as Noted on Plan)	LS	1	\$1,755.56	\$1,755.56
12.2	REMOVAL OF PIPE (24" DIA.) (TDOT Standard Specifications)	LF	70	\$100.32	\$7,022.40
12.3	30" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	70	\$180.58	\$12,640.60
12.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	\$1,755.56	\$1,755.56
12.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	70	\$55.18	\$3,862.60
12.6	CATCH BASIN , TYPE 12, 4' - 8' DEPTH (TDOT Standard Specifications)	EACH	1	\$3,511.11	\$3,511.11
12.7	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	1	\$1,755.56	\$1,755.56
12.8	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1050	\$3.34	\$3,507.00
12.9	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$33,004.46	\$33,004.46
SUBTOTAL FOR ITEM NO. 12					\$68,814.85
13	Culvert Repair Replacement - Pineway Trail (Includes preparation, furnishing, and construction of culvert				

Lakesite Stormwater Improvements
Project No. 23-0130

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
13.1	EROSION CONTROL (Complete in Place As Noted on Plan)	LS	1	\$2,684.77	\$2,684.77
13.2	REMOVAL OF PIPE (15" DIA.) (TDOT Standard Specifications)	LF	30	\$116.34	\$3,490.20
13.3	15" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	30	\$161.09	\$4,832.70
13.4	REMOVAL OF PIPE (18" DIA.) (TDOT Standard Specifications)	LF	45	\$119.32	\$5,369.40
13.5	18" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	45	\$161.09	\$7,249.05
13.6	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	\$1,073.91	\$1,073.91
13.7	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	75	\$50.12	\$3,759.00
13.8	MACHINED RIP-RAP (CLASS B) (TDOT Standard Specifications)	TON	21	\$127.85	\$2,684.85
13.9	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	1	\$2,684.77	\$2,684.77
13.10	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1125	\$3.34	\$3,757.50
13.11	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	\$68,461.60	\$68,461.60
SUBTOTAL FOR ITEM NO. 13					\$106,047.75
14	MOBILIZATION (Includes bid bond, performance bond, payment bond, all applicable permits, and anything not covered in the above items necessary to complete the work.)	LS	1	\$58,367.42	\$58,367.42
TOTAL BID (INCLUDING ITEMS NO. 1 THRU 14)					\$978,786.84



STATE OF TENNESSEE
DEPARTMENT OF
COMMERCE AND INSURANCE



WILAMUT CONSTRUCTION CO. LLC

411190

ID NUMBER: 80761
LIC STATUS: ACTIVE
EXPIRATION DATE: March 31, 2026

BOARD FOR LICENSING CONTRACTORS
CONTRACTOR

THIS IS TO CERTIFY THAT ALL REQUIREMENTS
OF THE STATE OF TENNESSEE HAVE BEEN MET

WILAMUT CONSTRUCTION CO. LLC
7716 MOUSE CREEK RD NW
CLEVELAND, TN 37312

State of Tennessee

411190

BOARD FOR LICENSING CONTRACTORS
CONTRACTOR

WILAMUT CONSTRUCTION CO. LLC

This is to certify that all requirements of the State of Tennessee have been met.

ID NUMBER: 80761
LIC STATUS: ACTIVE
EXPIRATION DATE: March 31, 2026
\$880,000.00; BC; CE-C; HRA-A; MU



Unlimited General
Contractors License
Applied for on
4/18/2025.

Application # 489199

IN-1313
DEPARTMENT OF
COMMERCE AND INSURANCE



WILACON-01

BROCH1

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

4/29/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Insurance Group of America LLC 6640 Carothers Parkway, Suite 160 Franklin, TN 37067	CONTACT NAME: Brianna Ferguson		
	PHONE (A/C, No, Ext): (270) 937-0283	FAX (A/C, No): (615) 905-1698	
	E-MAIL ADDRESS: Brianna.Ferguson@IGA.Biz		
INSURED Wilamut Construction Co LLC 7716 Mouse Creek Road NW Cleveland, TN 37312	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A : Selective Ins Co of SC		19259
	INSURER B : Bridgefield Casualty Ins Co		10335
	INSURER C :		
	INSURER D :		
	INSURER E :		
		INSURER F :	

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PROJECT ☒ LOC OTHER:			S 2645636	3/20/2025	3/20/2026	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 15,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	☒ AUTOMOBILE LIABILITY ☒ ANY AUTO OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY			S 2645636	3/20/2025	3/20/2026	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	☒ UMBRELLA LIAB ☒ EXCESS LIAB ☐ DED ☒ RETENTION \$ 0			S 2645636	3/20/2025	3/20/2026	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ Aggregate \$ 1,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory In NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	196-60414	3/20/2025	3/20/2026	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

CANCELLATION

City of Lakesite
City Hall
9201 Rocky Point Road
Lakesite, TN 37379

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



STATE OF TENNESSEE

BYRD ANTI-LOBBYING AMENDMENT CERTIFICATION

Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, officer or employee of Congress, or an employee of a Member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352.

Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient who in turn will forward the certification(s) to the awarding agency.

APPENDIX A, 44 C.F.R. PART 18 -CERTIFICATION REGARDING LOBBYING - REQUIRED FOR CONTRACTS OVER \$100,000 *Certification for Contracts, Grants, Loans, and Cooperative Agreements*

The undersigned certifies, to the best of his or her knowledge and belief, that:

☒ No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

☐ If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

☒ The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Contractor certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31

U.S.C. Chap. 38, Administrative Remedies for False Claims and Statements, apply to this certification and disclosure, if any.

	4/30/2025
Signature of Authorized Representative	Date
Will Hall VP	(615) 686-3880 Will@wilamutconstruction/com
Printed Name and Title	Phone Number/ Email Address



STATE OF TENNESSEE
CERTIFICATION REGARDING DEBARMENT,
SUSPENSION AND OTHER RESPONSIBILITY
MATTERS

The prospective participant certifies to the best of its knowledge and belief that it and its principals:

D Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;

D Have not within a three-year period preceding this proposal been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

D Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (b) of this certification; and

D Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition, under 18 USC Sec. 1001, a false statement may result in a fine of up to \$10,000 or imprisonment for up to 5 years, or both.

	4/30/2025
Signature of Authorized Representative	Date
Will Hall	(615) 686-3880 / Will@wilamutconstruction.com
Printed Name	Phone Number/ Email Address

D I am unable to certify to the above statements. Explanation is attached.



STATE OF TENNESSEE
IRAN DIVESTMENT ACT CERTIFICATION

SUBJECT CONTRACT NUMBER(S):	Project No. 23-0130
CONTRACTOR LEGAL ENTITY NAME:	Wilamut Construction Co LLC
EDISON SUPPLIER IDENTIFICATION NUMBER:	0000276462

The Iran Divestment Act, Tenn. Code Ann. § 12-12-101 et. seq. requires a person that attempts to contract with the state, including a contract renewal or assumption, to certify at the time the bid is submitted or the contract is entered into, renewed, or assigned, that the person or the assignee is not identified on a list created pursuant to § 12-12-106.

Currently, the list is available online at the following website:

<https://tn.gov/generalservices/procurement/central-procurement-office-cpo-/library-/public-information-library.html>

The Contractor, identified above, certifies by signature below that it is not included on the list of persons created pursuant to Tenn. Code Ann. § 12-12-106 of the Iran Divestment Act.

A handwritten signature in blue ink, appearing to read "Will Hall", is written over a horizontal line.

CONTRACTOR SIGNATURE

NOTICE: This certification MUST be signed by an individual with legal capacity to contractually bind the Contractor.

Will Hall VP

PRINTED NAME AND TITLE OF SIGNATORY

4/30/2025

DATE



STATE OF TENNESSEE
NON-BOYCOTT OF ISRAEL CERTIFICATION

The Bidder certifies that it is not currently engaged in, and will not for the duration of the contract engage in, a boycott of Israel as defined by Tenn. Code Ann. § 12-4-119. This provision shall not apply to contracts with a total value of less than two hundred fifty thousand dollars (\$250,000) or to contractors with less than ten (10) employees.

According to the law, a boycott of Israel means engaging in refusals to deal, terminating business activities, or other commercial actions that are intended to limit commercial relations with Israel, or companies doing business in or with Israel or authorized by, licensed by, or organized under the laws of the State of Israel to do business, or persons or entities doing business in Israel, when such actions are taken:

- 1) In compliance with, or adherence to, calls for a boycott of Israel, or
- 2) In a manner that discriminates on the basis of nationality, national origin, religion, or other unreasonable basis, and is not based on a valid business reason. Tenn. Code Ann. § 12-4-119.

	4/30/2025
Signature of Authorized Representative	Date
Will Hall	(615) 686-3880 / Will@wilamutconstruction.com
Printed Name	Phone Number/ Email Address

Section 00300 - PROPOSAL FORM

DATE: 4/30/2025

OWNER: CITY OF LAKESITE

PROJECT: STORMWATER MANAGEMENT IMPROVEMENT PROJECT

LOCATION: LAKESITE, TN

PROPOSAL OF: Wilamut Construction Co LLC,
A corporation organized and existing under the laws of the State of
Tennessee

OR

An individual or partnership doing business as

Hereinafter called

"Bidder" LADIES AND

GENTLEMEN

The undersigned bidder has carefully examined the Contract Documents (referred in the "Instructions to Bidders") and the site of the work and will provide all necessary labor, machinery, tools, apparatus and other means of construction and will do all the work and will furnish all material called for by the Contract Documents in the manner prescribed therein and in said Contract and in accordance with the requirements of the Contract.

Bidder acknowledges receipt of the following addenda:

Addendum #1 4/16/2025

Addendum #2 4/24/2025

Addendum #3 4/25/2025

BIDDER agrees to perform asphalt concrete paving as described in the Specifications and as shown on the Plans, for the unit prices indicated on the attached bid schedule

SECTION 00302 - BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned, as Principal, and
National American Insurance Company as Surety, are hereby held and
firmly bound unto the City of Lakesite as Owner in the penal sum of **five percent** of the
total bid for the payment of which, will and truly be made, we hereby jointly and
severally bind ourselves, our heirs, executors, administrators, successors and assigns.

The condition of the above obligation is such what whereas the Principal has submitted
to the City of Lakesite, a certain Bid, attached hereto and hereby made a part of
hereof to enter into a contract in writing for the work being bid upon.

NOW THEREFORE,

- (a) If said Bid shall be rejected or in the alternate,
- (b) If said Bid shall be accepted and the Principal shall execute and deliver a contract in
the Form of Contract attached hereto (properly completed in accordance with said Bid) and
shall furnish a bond for his faithful performance of said contract, and for the payment of all
persons performing labor or furnishing materials in connection therewith, all shall in all
other respects perform the agreement created by the acceptance of said Bid, then this
obligation shall be void, otherwise the same shall remain in force and effect; it being
expressly understood and agreed that the liability of the Surety for any and all claims
hereunder shall in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said
Surety and its bond shall be in no way impaired or affected by any extension of the time
within which the Owner may accept such Bid; and said Surety does hereby waive notice
of any such extension.

IN WITNESS WHEREOF, the Principal and Surety have executed this Bond by causing
their respective names to be hereunto subscribed and their seals to be hereunto
affixed by their duly authorized officers, on this the 30th day of
April, 2025.

NATIONAL AMERICAN INSURANCE COMPANY
CHANDLER, OKLAHOMA
POWER OF ATTORNEY

FOR BID BOND USE
ONLY

DUPLICATES SHALL HAVE THE SAME FORCE AND EFFECT AS AN ORIGINAL ONLY WHEN ISSUED IN CONJUNCTION WITH THE ORIGINAL.

KNOW ALL MEN BY THESE PRESENTS: That the National American Insurance Company, a corporation duly organized under the laws of the State of Oklahoma, having its principal office in the city of Chandler, Oklahoma, pursuant to the following resolution, adopted by the Board of Directors of the said Company on the 8th day of July, 1987, to wit:

"Resolved, that any officer of the Company shall have authority to make, execute and deliver a Power of Attorney constituting as Attorney-in-fact, such persons, firms, or corporations as may be selected from time to time.

Resolved that nothing in this Power of Attorney shall be construed as a grant of authority to the attorney(s)-in fact to sign, execute, acknowledge, deliver or otherwise issue a policy or policies of insurance on behalf of National American Insurance Company.

Be It Further Resolved, that the signature of any officer and the Seal of the Company may be affixed to any such Power of Attorney or any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such powers so executed and certified by facsimile signature and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond and documents relating to such bonds to which it is attached."

National American Insurance Company does hereby make, constitute and appoint

James L. Noe, III; Andrew Bennett; Craig M. Whitlow;
Gregory Lee Bennett; Lisa K. Wilson; Rhyan Justin Atwood;
Joshua Seth Chapman; Amelia L. Cain

its true and lawful attorney(s)-in-fact, with full power and authority hereby conferred in its name, places and stead, to sign, execute, acknowledge and deliver in its behalf, and its act and deed, as follows:

To bind the company for bonds, not to exceed \$6,000,000.00 for any single bond. And to bind National American Insurance Company thereby as fully and to the same extent as if such bonds and documents relating to such bonds were, signed by the duly authorized officer of the National American Insurance Company, and all the acts of said Attorney(s) pursuant to the authority herein given, are hereby ratified and confirmed.

IN WITNESS WHEREOF, the National American Insurance Company has caused these presents to be signed by any officer of the Company and its Corporate Seal to be hereto affixed.



NATIONAL AMERICAN INSURANCE COMPANY

W. Brent LaGere

W. Brent LaGere, Chairman & Chief Executive Officer

STATE OF OKLAHOMA)
COUNTY OF LINCOLN) SS:

On this 21st day of March, A.D. 2022, before me personally came W. Brent LaGere, to me known, who being by me duly sworn, did depose and say; that he resides in the County of Lincoln, State of Oklahoma; that he is the Chairman and Chief Executive Officer of the National American Insurance Company, the corporation described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation and that he signed his name, thereto by like order.



Crystal Eard

Notary Public
My Commission Expires August 27, 2025
Commission #13007877

STATE OF OKLAHOMA)
COUNTY OF LINCOLN) SS:

I, the undersigned, Secretary of the National American Insurance Company, an Oklahoma Corporation, DO HEREBY CERTIFY that the foregoing and attached POWER OF ATTORNEY remains in full force.

Signed and Sealed at the City of Chandler.

Dated the 30th day of April, 2025



R. Patrick Gilmore

R. Patrick Gilmore, Secretary



CONTRACTOR - PRINCIPAL:

Wilamut Construction Co. LLC

By [Signature] (Please type)

Name Will Hall

(SEAL)

SURETY:

National American Insurance Company

By, [Signature: Gregory Lee Bennett]

Name Gregory Lee Bennett

(Please Type)

Title Attorney-In-Fact

WITNESS:

[Signature: Dee Schrembs]

Name Dee Schrembs (Please type)

Title, Account Coordinator

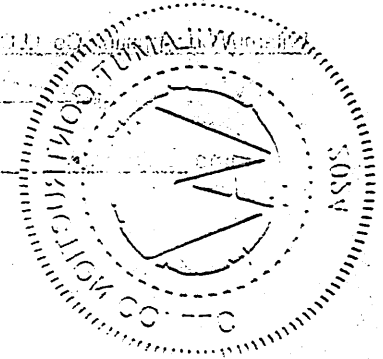
Note: Surety companies executing Bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and the authorized to transact business in the state where the project is located.

CONTRACTOR - FINANCIAL

Contract No. 111

Contract Title

(JAGS)



CURRY

Contract No. 111

Contract Title

Contract Title

Contract Title

Contract Title

Contract Title

Contract Title

Contract Title

Contract Title

This is a copy of the contract for the construction of the project. The project is located in the state of California. The project is a major project and is expected to be completed by the end of the year. The project is a major project and is expected to be completed by the end of the year. The project is a major project and is expected to be completed by the end of the year.

Bid Enclosed



RECEIVED

4-30-25

10:46 pm

JAE

City of Lakesite Drainage Grant Project
Stormwater mgmt Improvement Project

Bids 4/30/25 at 11am

City Hall, city clerks office

9201 Rocky Point Rd.

Lakesite TN 37379

HL Management Service LLC dba HL Construction

260 9th St. SE

Cleveland TN 37311

423-464-4504

TN Contractor # 55042

Exp 7/31/25

Limit \$3,000,000.-

Class BC, CE, HC, HRA, MU



A division of HL Management Service LLC

PO Box 5417 Cleveland, TN 37320
Phone: (423) 464-4506
Fax: (423) 476-8749
TN License #: 55042

Single Member/ Owner: Heath Littrell
Email: Heath@hlconstructionsite.com
Website: www.hlconstructionsite.com
Liability Limit: \$3,000,000.00

Bid Submittal Requested Items:

Bidder: HL Management Service LLC dba HL Construction
Address: 260 9th St. SE Cleveland TN 37311
Phone: 423-464-4506
Fax: 423-476-8749
Primary POC: Heath Littrell
Phone: 423-464-4506
Email: heath@hlconstructionsite.com

- TN Contractors License # 55042, please see attached.
- COI, please see attached.
- List of Subcontractors
 - Not applicable at this time.
- Full description of any alternate materials or methods.
 - None at this time.
- Bid forms, please see attached.
- Supplemental conditions documents.
 - None at this time.

Lakesite Stormwater Improvements
Project No. 23-0130

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
1	STA 0+00 to 8+93, 14+32 to 17+00, 27+50 to 41+57 (Includes manual removal and disposal offsite of existing debris, fallen vegetation, and sediment deposits currently restricting channel flow.)				
1.1	MANUAL CHANNEL DEBRIS REMOVAL AND DISPOSAL	LF	2568	68.00	174,624.00
	SUBTOTAL FOR ITEM NO. 1				174,624.00
2	STA 12+04 to 14+32 (Includes clearing and grubbing of existing side slope, excavation as necessary for matting installation, installation of soil stabilization matting, and native planting and stabilization.)				
2.1	EROSION CONTROL (Complete in Place Per Plan)	LS	1	4,700.00	4,700.00
2.2	CLEARING AND GRUBBING (TDOT Standard Specifications)	LS	1	19,320.00	19,320.00
2.3	BORROW EXCAVATION (UNCLASSIFIED) (TDOT Standard Specifications)	CY	72	85.00	6,120.00
2.4	LANDSCAPING (Includes preparation and temporary stabilization matting, planting soil and plant installation - complete in place.)	SY	430	5.25	2,257.50
2.5	SLOPE STABILIZATION MATTING (Includes furnishing, and installation per manufacturer's recommendations - complete in place.)	SY	430	5.25	2,257.50
	SUBTOTAL FOR ITEM NO. 2				34,655.00
3	STA 17+00 to 18+88, 19+26 to 20+00, 22+00 to 24+25, 24+67 to 25+60, 26+65 to 27+50 (Includes clearing and grubbing of existing side slope, grading, native planting and stabilization.)				
3.1	EROSION CONTROL (Complete in Place Per Plan)	LS	1	4,700.00	4,700.00
3.2	CLEARING AND GRUBBING (TDOT Standard Specifications)	LS	1	19,320.00	19,320.00
3.3	EXCAVATION (TDOT Standard Specifications)	CY	1140	35.00	39,900.00
3.4	EMBANKMENT (COMPACTED IN PLACE) (TDOT Standard Specifications)	CY	70	12.50	875.00
3.5	LANDSCAPING (Includes preparation and temporary stabilization matting, planting soil and plant installation - complete in place.)	SY	1230	300.00	369,000.00
	SUBTOTAL FOR ITEM NO. 3				433,795.00

**Lakesite Stormwater Improvements
Project No. 23-0130**

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
4	STA 18+88 to 19+26 (Includes removal and disposal of sediment within culvert under Daisy Dallas Road.)				
4.1	EROSION CONTROL (Complete in Place Per Plan)	LS	1	3,800.00	3,800.00
4.2	SEDIMENT REMOVAL (TDOT Standard Specifications)	CY	12	125.00	1,500.00
	SUBTOTAL FOR ITEM NO. 4				5,300.00
5	STA 17+00 to 17+98 (Includes installation of riprap on channel side slopes.)				
5.1	EROSION CONTROL (Complete in Place Per Plan)	LS	1	4,700.00	4,700.00
5.2	SLOPE STABILIZATION - RIPRAP (Includes preparation, furnishing, and installation of riprap on channel side slopes per plan. Complete-in-place.	CY	51	300.00	15,300.00
	SUBTOTAL FOR ITEM NO. 5				20,000.00
6	Culvert Repair Replacement - Driftwood Road (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				
6.1	EROSION CONTROL (Complete in Place As Noted on Plan)	LS	1	5,800.00	5,800.00
6.2	REMOVAL OF PIPE (18" DIA.) (TDOT Standard Specifications)	LF	275	900.00	247,500.00
6.3	24" CONCRETE PIPE CULVERT (CLASS III) (TDOT Standard Specifications)	LF	275	940.00	258,500.00
6.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	3,500.00	3,500.00
6.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	275	30.00	8,250.00
6.6	HARDSCAPE/LANDSCAPE/ROADWAY RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	4125	30.00	123,750.00
6.7	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	10,200.00	10,200.00
	SUBTOTAL FOR ITEM NO. 6				657,500.00
7	Culvert Repair Replacement - Glengerrie Drive (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				

**Lakesite Stormwater Improvements
Project No. 23-0130**

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
7.1	EROSION CONTROL (Complete in Place As Noted on Plan)	LS	1	4,700.00	4,700.00
7.2	REMOVAL OF PIPE (15" DIA.) (TDOT Standard Specifications)	LF	65	900.00	58,500.00
7.3	15" CONCRETE PIPE CULVERT (CLASS III) (TDOT Standard Specifications)	LF	65	1600.00	104,000.00
7.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	3,500.00	3,500.00
7.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	65	30.00	1,950.00
7.6	MACHINED RIP-RAP (CLASS B) (TDOT Standard Specifications)	TON	2.5	185.00	462.50
7.7	HARDSCAPE/LANDSCAPE/ROADWAY RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	975	30.00	29,250.00
7.8	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	10,200.00	10,200.00
SUBTOTAL FOR ITEM NO. 7					212,562.50
8	Culvert Repair Replacement - Dockside Drive @ Hixson Pike (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				
8.1	EROSION CONTROL (Complete in Place As Noted On Plan)	LS	1	4,700.00	4,700.00
8.2	REMOVAL OF PIPE (18" DIA.)(TDOT Standard Specifications)	LF	130	900.00	117,000.00
8.3	18" CONCRETE PIPE CULVERT (CLASS III) (TDOT Standard Specifications)	LF	130	650.00	84,500.00
8.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	3,500.00	3,500.00
8.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	130	30.00	3,900.00
8.6	CONCRETE HEADWALL (TDOT Standard	EACH	1	2,500.00	2,500.00
8.7	HARDSCAPE/LANDSCAPE/ROADWAY RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1950	30.00	58,500.00
8.8	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	10,200.00	10,200.00
SUBTOTAL FOR ITEM NO. 8					284,800.00

**Lakesite Stormwater Improvements
Project No. 23-0130**

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
9	Culvert Repair Replacement - Dockside Drive @ Geneva Trail (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				
9.1	EROSION CONTROL (Complete in Place As Noted on Plan)	LS	1	4,700.00	4,700.00
9.2	PIPE CLEANING (> OR =18IN DIA.) (TDOT Stanard Specifications)	LF	54	30.00	1,620.00
9.3	MACHINED RIP-RAP (CLASS B) (TDOT Standard Specifications)	TON	2.5	285.00	712.50
9.4	HARDSCAPE/LANDSCAPE/ROADWAY RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	80	30.00	2,400.00
9.5	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	4,800.00	4,800.00
	SUBTOTAL FOR ITEM NO. 9				14,232.50
10	Culvert Repair Replacement - Banner Elk Drive (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				
10.1	EROSION CONTROL (Complete in Place as Noted on Plan)	LS	1	4,700.00	4,700.00
10.2	REMOVAL OF PIPE (24" DIA.) (TDOT Standard Specifications)	LF	80	900.00	72,000.00
10.3	24" CONCRETE PIPE CULVERT (CLASS III) (TDOT Standard Specifications)	LF	80	1,700.00	136,000.00
10.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	2	3,500.00	7,000.00
10.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	80	30.00	2,400.00
10.6	CONCRETE HEADWALL (TDOT Standard	EACH	2	2,500.00	5,000.00
10.7	HARDSCAPE/LANDSCAPE/ROADWAY RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1200	30.00	36,000.00
10.8	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	10,200.00	10,200.00
	SUBTOTAL FOR ITEM NO. 10				273,300.00
11	Culvert Repair Replacement - Old Hixson Pike (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				
11.1	EROSION CONTROL (Complete in Place as Noted on Plan)	LS	1	4,700.00	4,700.00

**Lakesite Stormwater Improvements
Project No. 23-0130**

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
11.2	REMOVAL OF PIPE (18" DIA.) (TDOT Standard Specifications)	LF	80	900.00	72,000.00
11.3	24" CONCRETE PIPE CULVERT (CLASS III) (TDOT Standard Specifications)	LF	80	1,700.00	136,000.00
11.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	3,500.00	3,500.00
11.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	80	30.00	2,400.00
11.6	CATCH BASIN , TYPE 12, 0' - 4' DEPTH (TDOT Standard Specifications)	EACH	1	4,500.00	4,500.00
11.7	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	1	2,500.00	2,500.00
11.8	HARDSCAPE/LANDSCAPE/ROADWAY RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1050	30.00	31,500.00
11.9	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	10,200.00	10,200.00
SUBTOTAL FOR ITEM NO. 11					267,300.00
12	Culvert Repair Replacement - Collins Lane (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				
12.1	EROSION CONTROL (Complete in Place as Noted on Plan)	LS	1	4,700.00	4,700.00
12.2	REMOVAL OF PIPE (24" DIA.) (TDOT Standard Specifications)	LF	70	900.00	63,000.00
12.3	30" CONCRETE PIPE CULVERT (CLASS III) (TDOT Standard Specifications)	LF	70	1,950.00	136,500.00
12.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	3,500.00	3,500.00
12.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	70	30.00	2,100.00
12.6	CATCH BASIN , TYPE 12, 4' - 8' DEPTH (TDOT Standard Specifications)	EACH	1	16,500.00	16,500.00
12.7	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	1	2,500.00	2,500.00
12.8	HARDSCAPE/LANDSCAPE/ROADWAY RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1050	30.00	31,500.00
12.9	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	10,200.00	10,200.00
SUBTOTAL FOR ITEM NO. 12					270,500.00

**Lakesite Stormwater Improvements
Project No. 23-0130**

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
13	Culvert Repair Replacement - Pineway Trail (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				
13.1	EROSION CONTROL (Complete in Place As Noted on Plan)	LS	1	4,700.00	4,700.00
13.2	REMOVAL OF PIPE (15" DIA.) (TDOT Standard Specifications)	LF	30	900.00	27,000.00
13.3	15" CONCRETE PIPE CULVERT (CLASS III) (TDOT Standard Specifications)	LF	30	1,600.00	48,000.00
13.4	REMOVAL OF PIPE (18" DIA.) (TDOT Standard Specifications)	LF	45	900.00	40,500.00
13.5	18" CONCRETE PIPE CULVERT (CLASS III) (TDOT Standard Specifications)	LF	45	1,600.00	72,000.00
13.6	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1	3,500.00	3,500.00
13.7	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	75	30.00	2,250.00
13.8	MACHINED RIP-RAP (CLASS B) (TDOT Standard Specifications)	TON	21	285.00	5,985.00
13.9	CONCRETE HEADWALL (TDOT Standard	EACH	1	2,500.00	2,500.00
13.10	HARDSCAPE/LANDSCAPE/ROADWAY RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1125	30.00	33,750.00
13.11	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1	10,200.00	10,200.00
	SUBTOTAL FOR ITEM NO. 13				250,385.00
14	MOBILIZATION (Includes bid bond, performance bond, payment bond, all applicable permits, and anything not covered in the above items necessary to complete the work.)	LS	1	92,500.00	92,500.00
	TOTAL BID (INCLUDING ITEMS NO. 1 THRU 14)				2,991,454.00

Two million nine hundred ninety-one thousand four hundred fifty-four dollars and zero cents.

Addendum #1 Acknowledgement

I acknowledge I have received Addendum #1 and this bid has been provided in accordance.

Heath Littrell

Printed Name of Bidder



Signature of Bidder



HLMANAG-01

CURMA1

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

12/10/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Insurance Group of America LLC 6640 Carothers Parkway, Suite 160 Franklin, TN 37067	CONTACT NAME: Marcia Curtis		
	PHONE (A/C, No, Ext): (615) 905-1685	FAX (A/C, No): (615) 905-1698	
	E-MAIL ADDRESS: Marcia.Curtis@IGA.Biz		
INSURED HL Management Service LLC 260 9th St SE Cleveland, TN 37311	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: Selective Ins Co of SC		19259
	INSURER B: BusinessFirst Ins Co		11697
	INSURER C:		
	INSURER D:		
	INSURER E:		
	INSURER F:		

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PRO-JECT ☒ LOC OTHER:			S 2406931	12/11/2024	12/11/2025	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 500,000
							MED EXP (Any one person)	\$ 15,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 3,000,000
							PRODUCTS - COMP/OP AGG	\$ 3,000,000
								\$
A	☒ AUTOMOBILE LIABILITY ☒ ANY AUTO OWNED AUTOS ONLY ☐ SCHEDULED AUTOS HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY			S 2406931	12/11/2024	12/11/2025	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
A	☒ UMBRELLA LIAB ☒ OCCUR EXCESS LIAB ☐ CLAIMS-MADE DED ☒ RETENTION \$ 0			S 2406931	12/11/2024	12/11/2025	EACH OCCURRENCE	\$ 2,000,000
							AGGREGATE	\$
							Aggregate Limit	\$ 2,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) ☒ Y/N ☒ N If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	521-21289	12/11/2024	12/11/2025	☒ PER STATUTE ☐ OTHER	
							E.L. EACH ACCIDENT	\$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER**CANCELLATION**

HL Management Service, LLC dba HL Construction, City Electric Service
Air Comfort Solutions, K&A Industrial & Mechanical
260 9th St SE
Cleveland, TN 37311

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



STATE OF TENNESSEE
DEPARTMENT OF
COMMERCE AND INSURANCE



HL MANAGEMENT SERVICE, LLC DBA HL
CONSTRUCTION

#18774

ID NUMBER: 55042
LIC STATUS: ACTIVE
EXPIRATION DATE: July 31, 2025

BOARD FOR LICENSING CONTRACTORS

CONTRACTOR

THIS IS TO CERTIFY THAT ALL REQUIREMENTS
OF THE STATE OF TENNESSEE HAVE BEEN MET

ATTN: HEATH LITTELL
HL MANAGEMENT SERVICE, LLC DBA HL CONSTRUCTION
PO BOX 5417
CLEVELAND, TN 37320

State of Tennessee

14106554

BOARD FOR LICENSING CONTRACTORS

CONTRACTOR

HL MANAGEMENT SERVICE, LLC DBA HL CONSTRUCTION

This is to certify that all requirements of the State of Tennessee have been met.

ID NUMBER: 55042
LIC STATUS: ACTIVE
EXPIRATION DATE: July 31, 2025
\$3,000,000.00; BC; CE; HC; HRA; MU



IN-1313
DEPARTMENT OF
COMMERCE AND INSURANCE



STATE OF TENNESSEE

BYRD ANTI-LOBBYING AMENDMENT CERTIFICATION

Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, officer or employee of Congress, or an employee of a Member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352.

Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient who in turn will forward the certification(s) to the awarding agency.

APPENDIX A, 44 C.F.R. PART 18-CERTIFICATION REGARDING LOBBYING - REQUIRED FOR CONTRACTS OVER \$100,000 *Certification for Contracts, Grants, Loans, and Cooperative Agreements*

The undersigned certifies, to the best of his or her knowledge and belief, that:

☐ No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

☐ If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

☐ The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Contractor certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31

U.S.C. Chap. 38, Administrative Remedies for False Claims and Statements, apply to this certification and disclosure, if any.

	4/30/25
Signature of Authorized Representative	Date
Heath Littrell, Managing Member	+23 - 464 - 4506 heath@hlconstructionsite.com
Printed Name and Title	Phone Number/ Email Address



STATE OF TENNESSEE
CERTIFICATION REGARDING DEBARMENT,
SUSPENSION AND OTHER RESPONSIBILITY
MATTERS

The prospective participant certifies to the best of its knowledge and belief that it and its principals:

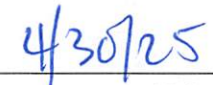
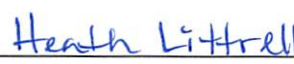
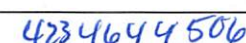
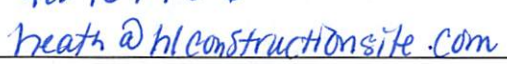
D Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;

D Have not within a three-year period preceding this proposal been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

D Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (b) of this certification; and

D Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition, under 18 USC Sec. 1001, a false statement may result in a fine of up to \$10,000 or imprisonment for up to 5 years, or both.

	
Signature of Authorized Representative	Date
	 
Printed Name	Phone Number/ Email Address

D I am unable to certify to the above statements. Explanation is attached.



STATE OF TENNESSEE
IRAN DIVESTMENT ACT CERTIFICATION

SUBJECT CONTRACT NUMBER(S):	City of Lakeside Stormwater Management Improvement Project
CONTRACTOR LEGAL ENTITY NAME:	HL Management Service LLC dba HL Construction
EDISON SUPPLIER IDENTIFICATION NUMBER:	0000 273177

The Iran Divestment Act, Tenn. Code Ann. § 12-12-101 et. seq. requires a person that attempts to contract with the state, including a contract renewal or assumption, to certify at the time the bid is submitted or the contract is entered into, renewed, or assigned, that the person or the assignee is not identified on a list created pursuant to § 12-12-106.

Currently, the list is available online at the following website:

<https://tn.gov/generalservices/procurement/central-procurement-office--cpo-/library-/public-information-library.html>

The Contractor, identified above, certifies by signature below that it is not included on the list of persons created pursuant to Tenn. Code Ann. §12-12-106 of the Iran Divestment Act.

CONTRACTOR SIGNATURE

NOTICE: This certification MUST be signed by an individual with legal capacity to contractually bind the Contractor.

Heath Littrell, managing member

PRINTED NAME AND TITLE OF SIGNATORY

4/30/25

DATE

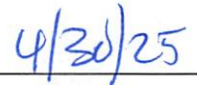
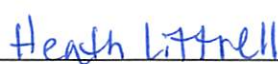
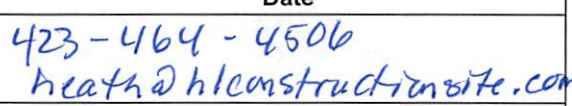


STATE OF TENNESSEE
NON-BOYCOTT OF ISRAEL CERTIFICATION

The Bidder certifies that it is not currently engaged in, and will not for the duration of the contract engage in, a boycott of Israel as defined by Tenn. Code Ann. § 12-4-119. This provision shall not apply to contracts with a total value of less than two hundred fifty thousand dollars (\$250,000) or to contractors with less than ten (10) employees.

According to the law, a boycott of Israel means engaging in refusals to deal, terminating business activities, or other commercial actions that are intended to limit commercial relations with Israel, or companies doing business in or with Israel or authorized by, licensed by, or organized under the laws of the State of Israel to do business, or persons or entities doing business in Israel, when such actions are taken:

- 1) In compliance with, or adherence to, calls for a boycott of Israel, or
- 2) In a manner that discriminates on the basis of nationality, national origin, religion, or other unreasonable basis, and is not based on a valid business reason. Tenn. Code Ann. § 12-4-119.

	
Signature of Authorized Representative	Date
	
Printed Name	Phone Number/ Email Address

Section 00300 - PROPOSAL FORM

DATE: 4/30/2025

OWNER: CITY OF LAKESITE

PROJECT: STORMWATER MANAGEMENT IMPROVEMENT PROJECT

LOCATION: LAKESITE, TN

PROPOSAL OF: _____
A corporation organized and existing under the laws of the State of

OR

Heath Littrell
An individual or partnership doing business as

HL Management Service LLC dba HL Construction
Hereinafter called

"Bidder" LADIES AND

GENTLEMEN

The undersigned bidder has carefully examined the Contract Documents (referred in the "Instructions to Bidders") and the site of the work and will provide all necessary labor, machinery, tools, apparatus and other means of construction and will do all the work and will furnish all material called for by the Contract Documents in the manner prescribed therein and in said Contract and in accordance with the requirements of the Contract.

Bidder acknowledges receipt of the following addenda:

#1

#2

#3

BIDDER agrees to perform asphalt concrete paving as described in the Specifications and as shown on the Plans, for the unit prices indicated on the attached bid schedule

SECTION 00302 - BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned, as Principal, and
National American Insurance Company as Surety, are hereby held and
firmly bound unto the City of Lakesite as Owner in the penal sum of **five percent** of the
total bid for the payment of which, will and truly be made, we hereby jointly and
severally bind ourselves, our heirs, executors, administrators, successors and assigns.

The condition of the above obligation is such what whereas the Principal has submitted
to the City of Lakesite, a certain Bid, attached hereto and hereby made a part of
hereof to enter into a contract in writing for the work being bid upon.

NOW THEREFORE,

- (a) If said Bid shall be rejected or in the alternate,
- (b) If said Bid shall be accepted and the Principal shall execute and deliver a contract in
the Form of Contract attached hereto (properly completed in accordance with said Bid) and
shall furnish a bond for his faithful performance of said contract, and for the payment of all
persons performing labor or furnishing materials in connection therewith, all shall in all
other respects perform the agreement created by the acceptance of said Bid, then this
obligation shall be void, otherwise the same shall remain in force and effect; it being
expressly understood and agreed that the liability of the Surety for any and all claims
hereunder shall in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said
Surety and its bond shall be in no way impaired or affected by any extension of the time
within which the Owner may accept such Bid; and said Surety does hereby waive notice
of any such extension.

IN WITNESS WHEREOF, the Principal and Surety have executed this Bond by causing
their respective names to be hereunto subscribed and their seals to be hereunto
affixed by their duly authorized officers, on this 30th day of
April, 2025.

CONTRACTOR - PRINCIPAL:

HL Management Service, LLC DBA HL Construction

By [Signature] (Please type)

Name Heath Littrell
managing member

(SEAL)

SURETY:

National American Insurance Company

By, [Signature: Gregory Lee Bennett]

Name, Gregory Lee Bennett

(Please Type)

Title Attorney-In-Fact



WITNESS:

[Signature]

Name Nancy Williams (Please type)

Title, Administrative Clerk

Note: Surety companies executing Bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and the authorized to transact business in the state where the project is located.

**NATIONAL AMERICAN INSURANCE COMPANY
CHANDLER, OKLAHOMA
POWER OF ATTORNEY**

**FOR BID BOND USE
ONLY**

DUPLICATES SHALL HAVE THE SAME FORCE AND EFFECT AS AN ORIGINAL ONLY WHEN ISSUED IN CONJUNCTION WITH THE ORIGINAL.

KNOW ALL MEN BY THESE PRESENTS: That the National American Insurance Company, a corporation duly organized under the laws of the State of Oklahoma, having its principal office in the city of Chandler, Oklahoma, pursuant to the following resolution, adopted by the Board of Directors of the said Company on the 8th day of July, 1987, to wit:

"Resolved, that any officer of the Company shall have authority to make, execute and deliver a Power of Attorney constituting as Attorney-in-fact, such persons, firms, or corporations as may be selected from time to time.

Resolved that nothing in this Power of Attorney shall be construed as a grant of authority to the attorney(s)-in fact to sign, execute, acknowledge, deliver or otherwise issue a policy or policies of insurance on behalf of National American Insurance Company.

Be It Further Resolved, that the signature of any officer and the Seal of the Company may be affixed to any such Power of Attorney or any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such powers so executed and certified by facsimile signature and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond and documents relating to such bonds to which it is attached."

National American Insurance Company does hereby make, constitute and appoint

James L. Noe, III; Andrew Bennett; Craig M. Whitlow;
Gregory Lee Bennett; Lisa K. Wilson; Rhyen Justin Atwood;
Joshua Seth Chapman; Amelia L. Cain

its true and lawful attorney(s)-in-fact, with full power and authority hereby conferred in its name, places and stead, to sign, execute, acknowledge and deliver in its behalf, and its act and deed, as follows:

To bind the company for bonds, not to exceed \$6,000,000.00 for any single bond. And to bind National American Insurance Company thereby as fully and to the same extent as if such bonds and documents relating to such bonds were, signed by the duly authorized officer of the National American Insurance Company, and all the acts of said Attorney(s) pursuant to the authority herein given, are hereby ratified and confirmed.

IN WITNESS WHEREOF, the National American Insurance Company has caused these presents to be signed by any officer of the Company and its Corporate Seal to be hereto affixed.



NATIONAL AMERICAN INSURANCE COMPANY

W. Brent LaGere

W. Brent LaGere, Chairman & Chief Executive Officer

STATE OF OKLAHOMA)
COUNTY OF LINCOLN) SS:

On this 21st day of March, A.D. 2022, before me personally came W. Brent LaGere, to me known, who being by me duly sworn, did depose and say; that he resides in the County of Lincoln, State of Oklahoma; that he is the Chairman and Chief Executive Officer of the National American Insurance Company, the corporation described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation and that he signed his name, thereto by like order.



Crystal Earp

**Notary Public
My Commission Expires August 27, 2025
Commission #13007877**

STATE OF OKLAHOMA)
COUNTY OF LINCOLN) SS:

I, the undersigned, Secretary of the National American Insurance Company, an Oklahoma Corporation, DO HEREBY CERTIFY that the foregoing and attached POWER OF ATTORNEY remains in full force.

Signed and Sealed at the City of Chandler.

Dated the 30th day of April, 2025



R. Patrick Gilmore

R. Patrick Gilmore, Secretary

**CITY OF LAKESITE, TN
INVITATION TO BID
MODIFICATION OF STREAM CHANNEL AND
CULVERT REPLACEMENT OR REPAIR**

The City of Lakesite is requesting bids for work to improve storm water flow in the unnamed stream and, also to replace or repair several culvert locations. This work will be bid by location.

ALL BIDS ARE DUE NO LATER THAN 11:00 a.m., APRIL 30, 2025 AND SHALL BE CLEARLY MARKED “CITY OF LAKESITE DRAINAGE GRANT PROJECT”.

Sealed Bids must be received at the City Clerk’s Office at Lakesite City Hall, 9201 Rocky Point Road, Lakesite, TN 37379, by the specified time. They may be mailed or hand delivered.

Submittal information and bid packages may be requested via e-mail during regular business hours. Contact Jodi LaCroix at jplacroix@lakesitetn.gov or at 423-842-2533. Lakesite business hours are Monday-Thursday 9:00am-2:00pm and Friday 9:00am- Noon.

There will be a pre-bid meeting on Tuesday, March 25, 2025, at 10:30am at Lakesite City Hall. Questions should be directed to Mack B. McCarley, PDM Engineering Associates, LLC (mmccarley@pdmeng.com). Responses to questions will be summarized and provided to all prospective bidders. The City reserves the right to reject any and all bids and to accept that bid which it deems in their sole judgement to be in the best interest of the City of Lakesite.

Kirsten Ert Acuff
City Manager

CITY OF LAKESITE, TN
STORMWATER MANAGEMENT IMPROVEMENT PROJECT

For Office Use Only
Advertised in the Chattanooga Times Free Press March 7, 2025

**CITY OF LAKESITE, TN
STORMWATER MANAGEMENT IMPROVEMENT PROJECT**

SUBMITTAL INSTRUCTIONS

Bids must be received at City of Lakesite, City Hall, 9201 Rocky Point Road, Lakesite, TN 37379 no later than **April 30, 2025 at 11:00 am EDT**. Your bid is to be delivered in a sealed envelope marked "**City of Lakesite Storm Water Management Improvement Project**, along with the contractor's name, contact name and number, and contractor's license number.

Bids must include the following information:

- Name, Address, Business Phone, and FAX for the company.
- Primary point of contact name, phone number, and e-mail address.
- Copy of your Tennessee contractor's license.
- Sample copy of your Certificate of Insurance with applicable coverages.
- List of Subcontractors (if applicable).
- Full description of any alternate materials and methods.
- Bid forms.
- Supplemental conditions documents

SCOPE OF WORK

The work to be performed under this contract is defined by the plans and specifications.

CITY OF LAKESITE, TENNESSEE
STORM WATER MANAGEMENT IMPROVEMENT PROJECT
BID FORMS

Each channel section or culvert location, as defined on the plans, to be bid as a complete unit of work.

City may choose from the defined units of work to form the complete project to be awarded. If items are excluded post-bid, the mobilization bid cost will be pro-rated based on the percentage of awarded items.

**Lakesite Stormwater Improvements
Project No. 23-0130**

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
1	STA 0+00 to 8+93, 14+32 to 17+00, 27+50 to 41+57 (Includes manual removal and disposal offsite of existing debris, fallen vegetation, and sediment deposits currently restricting channel flow.)				
1.1	MANUAL CHANNEL DEBRIS REMOVAL AND DISPOSAL	LF	2568		
	SUBTOTAL FOR ITEM NO. 1				
2	STA 12+04 to 14+32 (Includes clearing and grubbing of existing side slope, excavation as necessary for matting installation, installation of soil stabilization matting, and native planting and stabilization.)				
2.1	EROSION CONTROL (Complete in Place Per Plan)	LS	1		
2.2	CLEARING AND GRUBBING (TDOT Standard Specifications)	LS	1		
2.3	BORROW EXCAVATION (UNCLASSIFIED) (TDOT Standard Specifications)	CY	72		
2.4	LANDSCAPING (Includes preparation and temporary stabilization matting, planting soil and plant installation - complete in place.)	SY	430		
2.5	SLOPE STABILIZATION MATTING (Includes furnishing, and installation per manufacturer's recommendations - complete in place.)	SY	430		
	SUBTOTAL FOR ITEM NO. 2				
3	STA 17+00 to 18+88, 19+26 to 20+00, 22+00 to 24+25, 24+67 to 25+60, 26+65 to 27+50 (Includes clearing and grubbing of existing side slope, grading, native planting and stabilization.)				
3.1	EROSION CONTROL (Complete in Place Per Plan)	LS	1		
3.2	CLEARING AND GRUBBING (TDOT Standard Specifications)	LS	1		
3.3	EXCAVATION (TDOT Standard Specifications)	CY	1140		
3.4	EMBANKMENT (COMPACTED IN PLACE) (TDOT Standard Specifications)	CY	70		
3.5	LANDSCAPING (Includes preparation and temporary stabilization matting, planting soil and plant installation - complete in place.)	SY	1230		
	SUBTOTAL FOR ITEM NO. 3				

**Lakesite Stormwater Improvements
Project No. 23-0130**

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
4	STA 18+88 to 19+26 (Includes removal and disposal of sediment within culvert under Daisy Dallas Road.)				
4.1	EROSION CONTROL (Complete in Place Per Plan)	LS	1		
4.2	SEDIMENT REMOVAL (TDOT Standard Specifications)	CY	12		
	SUBTOTAL FOR ITEM NO. 4				
5	STA 17+00 to 17+98 (Includes installation of riprap on channel side slopes.)				
5.1	EROSION CONTROL (Complete in Place Per Plan)	LS	1		
5.2	SLOPE STABILIZATION - RIPRAP (Includes preparation, furnishing, and installation of riprap on channel side slopes per plan. Complete-in-place.	CY	51		
	SUBTOTAL FOR ITEM NO. 5				
6	Culvert Repair Replacement - Driftwood Road (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				
6.1	EROSION CONTROL (Complete in Place As Noted on Plan)	LS	1		
6.2	REMOVAL OF PIPE (18" DIA.) (TDOT Standard Specifications)	LF	275		
6.3	24" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	275		
6.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1		
6.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	275		
6.6	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	4125		
6.7	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1		
	SUBTOTAL FOR ITEM NO. 6				
7	Culvert Repair Replacement - Glengerrie Drive (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				

**Lakesite Stormwater Improvements
Project No. 23-0130**

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
7.1	EROSION CONTROL (Complete in Place As Noted on Plan)	LS	1		
7.2	REMOVAL OF PIPE (15" DIA.) (TDOT Standard Specifications)	LF	65		
7.3	15" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	65		
7.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1		
7.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	65		
7.6	MACHINED RIP-RAP (CLASS B) (TDOT Standard Specifications)	TON	2.5		
7.7	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	975		
7.8	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1		
SUBTOTAL FOR ITEM NO. 7					
8	Culvert Repair Replacement - Dockside Drive @ Hixson Pike (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				
8.1	EROSION CONTROL (Complete in Place As Noted On Plan)	LS	1		
8.2	REMOVAL OF PIPE (18" DIA.)(TDOT Standard Specifications)	LF	130		
8.3	18" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	130		
8.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1		
8.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	130		
8.6	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	1		
8.7	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1950		
8.8	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1		
SUBTOTAL FOR ITEM NO. 8					

**Lakesite Stormwater Improvements
Project No. 23-0130**

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
9	Culvert Repair Replacement - Dockside Drive @ Geneva Trail (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				
9.1	EROSION CONTROL (Complete in Place As Noted on Plan)	LS	1		
9.2	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	54		
9.3	MACHINED RIP-RAP (CLASS B) (TDOT Standard Specifications)	TON	2.5		
9.4	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	80		
9.5	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1		
SUBTOTAL FOR ITEM NO. 9					
10	Culvert Repair Replacement - Banner Elk Drive (Includes preparation, furnishing, and construction of				
10.1	EROSION CONTROL (Complete in Place as Noted on Plan)	LS	1		
10.2	REMOVAL OF PIPE (24" DIA.) (TDOT Standard Specifications)	LF	80		
10.3	24" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	80		
10.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	2		
10.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	80		
10.6	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	2		
10.7	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1200		
10.8	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1		
SUBTOTAL FOR ITEM NO. 10					
11	Culvert Repair Replacement - Old Hixson Pike (Includes preparation, furnishing, and construction of culvert repair replacement as noted on plan.)				
11.1	EROSION CONTROL (Complete in Place as Noted on Plan)	LS	1		

**Lakesite Stormwater Improvements
Project No. 23-0130**

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
11.2	REMOVAL OF PIPE (18" DIA.) (TDOT Standard Specifications)	LF	80		
11.3	24" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	80		
11.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1		
11.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	80		
11.6	CATCH BASIN , TYPE 12, 0' - 4' DEPTH (TDOT Standard Specifications)	EACH	1		
11.7	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	1		
11.8	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1050		
11.9	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1		
SUBTOTAL FOR ITEM NO. 11					
12	Culvert Repair Replacement - Collins Lane (Includes preparation, furnishing, and construction of culvert				
12.1	EROSION CONTROL (Complete in Place as Noted on Plan)	LS	1		
12.2	REMOVAL OF PIPE (24" DIA.) (TDOT Standard Specifications)	LF	70		
12.3	30" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	70		
12.4	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1		
12.5	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	70		
12.6	CATCH BASIN , TYPE 12, 4' - 8' DEPTH (TDOT Standard Specifications)	EACH	1		
12.7	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	1		
12.8	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1050		
12.9	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1		
SUBTOTAL FOR ITEM NO. 12					
13	Culvert Repair Replacement - Pineway Trail (Includes preparation, furnishing, and construction of culvert				

**Lakesite Stormwater Improvements
Project No. 23-0130**

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	ITEM TOTAL
13.1	EROSION CONTROL (Complete in Place As Noted on Plan)	LS	1		
13.2	REMOVAL OF PIPE (15" DIA.) (TDOT Standard Specifications)	LF	30		
13.3	15" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	30		
13.4	REMOVAL OF PIPE (18" DIA.) (TDOT Standard Specifications)	LF	45		
13.5	18" CONCRETE PIPE CULVERT (CLASS V) (TDOT Standard Specifications)	LF	45		
13.6	REMOVE CONCRETE ENDWALL AND PIPE FROM EXISTING DRIVEWAY (TDOT Standard Specifications)	LS	1		
13.7	PIPE CLEANING (> OR =18IN DIA.) (TDOT Standard Specifications)	LF	75		
13.8	MACHINED RIP-RAP (CLASS B) (TDOT Standard Specifications)	TON	21		
13.9	CONCRETE HEADWALL (TDOT Standard Specifications)	EACH	1		
13.10	HARDSCAPE/LANDSCAPE RESTORATION (Includes furnishing and restoration of all disturbance measures within limits of culvert repair/replacement necessary to complete the work.)	SF	1125		
13.11	TRAFFIC CONTROL (Includes furnishing and installation of all traffic control measures necessary to complete the work.)	LS	1		
SUBTOTAL FOR ITEM NO. 13					
14	MOBILIZATION (Includes bid bond, performance bond, payment bond, all applicable permits, and anything not covered in the above items necessary to complete the work.)	LS	1		
TOTAL BID (INCLUDING ITEMS NO. 1 THRU 14)					

**SPECIFICATIONS FOR
STORM WATER MANAGEMENT IMPROVEMENT
PROJECT CITY OF LAKESITE, TENNESSEE**

SECTION 1-GENERAL

- 1.1 Description of Work- The work covered by these specifications includes providing the necessary materials, labor, equipment and associated appurtenances necessary to complete one or more of the following tasks:
 - A. Hand clearing and debris removal in specified channel sections.
 - B. Clearing culverts of sediment and eroded materials.
 - C. Stabilizing channel bank in identified areas.
 - D. Rebuilding specified channel sections.
- 1.2 Existing conditions-The contractor shall perform a site reconnaissance to review the existing conditions. Project drawings show the general areas of work.
- 1.3 Protection of Existing Structures-The contractor shall protect existing structures from damage due to construction activities. This includes public and private structures. The contractor shall document the condition of existing structures adjacent to work areas and within 50 feet of work areas in all directions. Digital photographs, accompanied by written descriptions, of adjacent potentially impacted properties shall be provided.
- 1.4 Traffic Management and Safety-The contractor shall minimize the disruption to traffic. The contractor shall prepare a plan for traffic management and public safety including details for traffic control and signage. Proper safety practices shall be used at all times during the work and all OSHA requirements shall be observed.
- 1.5 Notification of Residents-The contractor shall notify residents that may be affected by work activities at least 72 hours before work begins. Notification shall include the dates work is to be performed and shall advise residents to document the condition of their property to validate damage claims. These notices shall also include a contact name and phone number to address any questions.
- 1.6 Submittals-The contractor shall submit the following items to the City for review and approval before beginning work:
 - A. The contractor shall prepare a detailed work plan showing dates specific work items will be completed and the areas where the work will be performed.
 - B. Materials certifications, including mix designs or other documentations necessary to Ascertain material compliance with these specifications.

C. Traffic management and safety plans.

D. All dimensions and quantities of materials shall be included.

- 1.7 Pre-work Conference-The contractor shall schedule a pre-work conference with a representative of the City before beginning of work.
- 1.8 Referenced Specifications-Applicable City of Lakesite and TDEC guidelines shall be referenced.
- 1.9 Quality Assurance-City may retain an engineering firm to provide construction observations and construction materials testing. The contractor shall notify the owner at least **48** hours before beginning any work.
- 1.10 Payment-The contractor shall submit payment requests based on the work completed as defined in Plans and Specifications.

SECTION 2—SUPPLEMENTAL CONDITIONS – Required Recommended State and Local Fiscal Recovery Funds (SLRF) Supplemental Conditions for Contracts

- 2.1 Legal/contractual/administrative remedies for breach of contract:
Contracts for more than the simplified acquisition threshold, currently set at \$250,000, must address administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate.
- 2.2 Termination for cause or convenience:
All contracts in excess of \$10,000 must address termination for cause and for convenience by the non-Federal entity, including the manner by which it will be affected and the basis for settlement.
- 2.3 Equal Employment Opportunity:
During the performance of this contract, the contractor agrees as follows:

The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.

The contractor will send to each labor union or representative of workers with which he has a

collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law. (8) The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance:

Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

The applicant further agrees that it will be bound by the above equal opportunity clause with respect to its own employment practices when it participates in federally assisted construction work: Provided, That if the applicant so participating is a State or local government, the above equal opportunity clause is not applicable to any agency, instrumentality or subdivision of such government which does not participate in work on or under the contract.

The applicant agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance.

The applicant further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part II, Subpart D of the Executive Order. In addition, the applicant agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part this grant (contract, loan, insurance, guarantee); refrain from extending any further assistance to the applicant under the program with respect to which the failure or refund occurred until satisfactory assurance of future compliance has been received from such applicant; and refer the case to the Department of Justice for appropriate legal proceedings.

2.4 Contract Work Hours and Safety Standards Act:

- a) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
- b) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (b)(1) of this section the contractor and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (b)(1) of this section, in the t \$27 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (b)(1) of this section.
- c) Withholding for unpaid wages and liquidated damages. The (write in the name of the Federal agency or the loan or grant recipient) shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.
- d) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (b)(1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (b)(1) through (4) of this section.

2.5 Clean Air Act and Federal Water Pollution Control Act:

Clean Air Act

- a) The contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq
- b) The contractor agrees to report each violation to the (name of subrecipient entering into the contract) and understands and agrees that the (name of the subrecipient entering into the contract) will, in turn, report each violation as required to assure notification to Treasury, and the appropriate Environmental Protection Agency Regional Office.
- c) The contractor agrees to include these requirements in each subcontract exceeding \$150,000

Federal Water Pollution Control Act

- a) The contractor agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 ets eq.
- b) The contractor agrees to report each violation to the (name of the subrecipient entering into the contract) and understands and agrees that the (name of the subrecipient entering into the contract) will, in turn, report each violation as required to assure notification to the Treasury, and the appropriate Environmental Protection Agency Regional Office.
- c) The contractor agrees to include these requirements in each subcontract exceeding \$150,000

2.6 Debarment and Suspension:

- a) This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such, the contractor is required to verify that none of the contractor's principals (defined at 2 C.F.R. § 180.995) or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).
- b) The contractor must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.
- c) This certification is a material representation of fact relied upon by (insert name of recipient/subrecipient/applicant). If it is later determined that the contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to (insert name of recipient/subrecipient/applicant), the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.
- d) The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

2.7 Byrd Anti-Lobbying Amendment:

Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, officer or employee of Congress, or an employee of a Member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient who in turn will forward the certification(s) to the awarding agency.

2.8 Procurement of Recovered Materials:

In the performance of this contract, the Contractor shall make maximum use of products containing recovered materials that are EPA-designated items unless the product cannot be acquired competitively within a timeframe providing for compliance with the contract performance schedule; meeting contract performance requirements; or at a reasonable price.

Information about this requirement, along with the list of EPA-designated items, is available at EPA's Comprehensive Procurement Guidelines webpage.

The Contractor also agrees to comply with all other applicable requirements of Section 6002 of the Solid Waste Disposal Act.

2.9 Domestic Preference for Procurement:

As appropriate, and to the extent consistent with law, the contractor should, to the greatest extent practicable, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States. This includes, but is not limited to iron, aluminum, steel, cement, and other manufactured products.

For purposes of this clause:

Produced in the United States means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.

Manufactured products mean items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

2.10 Access to Records:

The following access to records requirements apply to this contract:

- a) The Contractor agrees to provide (insert name of state agency or local or Indian tribal government), (insert name of recipient), Treasury, the Comptroller General of the United States, or any of their authorized representatives access to any books, documents, papers, and records of the Contractor which are directly pertinent to this contract for the purposes of making audits, examinations, excerpts, and transcriptions.
- b) The Contractor agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.
- c) The Contractor agrees to provide the Treasury or authorized representatives access to construction or other work sites pertaining to the work being completed under the contract.

2.11 Contract Changes or Modifications:

To be eligible for ARP SLFRF assistance under the non-Federal entity's Treasury grant or cooperative agreement, the cost of the change, modification, change order, or constructive change must be allowable, allocable, within the scope of its grant or cooperative agreement, and reasonable for the completion of project scope.

2.12 Compliance with Federal Law, Regulations and Executive Orders:

This is an acknowledgement that Treasury ARP SLFRF financial assistance will be used to fund all or a portion of the contract. The contractor will comply with all applicable Federal law, regulations, executive orders, Treasury policies, procedures, and directives.

2.13 Program Fraud and False or Fraudulent Statements or Related Acts:

The Contractor acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to the Contractor's actions pertaining to this contract.

SECTION 3--MATERIALS

- 3.1 Materials shall meet the requirements of the Plans and Specifications and the requirements of TDEC.

SECTION 4- CONDITIONS

- 4.1 State of Tennessee - Byrd Anti-Lobbying Amendment Certification
- 4.2 State of Tennessee- Certification Regarding Debarment, Suspension and Other Responsibility Matters
- 4.3 State of Tennessee - Iran Divestment Act Certification
- 4.4 State of Tennessee - Non-Boycott of Israel Certification
- 4.5 State of Tennessee - MWBE Certification Form



STATE OF TENNESSEE

BYRD ANTI-LOBBYING AMENDMENT CERTIFICATION

Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, officer or employee of Congress, or an employee of a Member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352.

Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient who in turn will forward the certification(s) to the awarding agency.

APPENDIX A, 44 C.F.R. PART 18-CERTIFICATION REGARDING LOBBYING - REQUIRED FOR CONTRACTS OVER \$100,000 *Certification for Contracts, Grants, Loans, and Cooperative Agreements*

The undersigned certifies, to the best of his or her knowledge and belief, that:

☐ No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

☐ If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

☐ The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Contractor certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31

U.S.C. Chap. 38, Administrative Remedies for False Claims and Statements, apply to this certification and disclosure, if any.

Signature of Authorized Representative	Date
Printed Name and Title	Phone Number/ Email Address



STATE OF TENNESSEE
CERTIFICATION REGARDING DEBARMENT,
SUSPENSION AND OTHER RESPONSIBILITY
MATTERS

The prospective participant certifies to the best of its knowledge and belief that it and its principals:

D Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;

D Have not within a three-year period preceding this proposal been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

D Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (b) of this certification; and

D Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition, under 18 USC Sec. 1001, a false statement may result in a fine of up to \$10,000 or imprisonment for up to 5 years, or both.

Signature of Authorized Representative	Date
Printed Name	Phone Number/ Email Address

D I am unable to certify to the above statements. Explanation is attached.



**STATE OF TENNESSEE
IRAN DIVESTMENT ACT CERTIFICATION**

SUBJECT CONTRACT NUMBER(S):	
CONTRACTOR LEGAL ENTITY NAME:	
EDISON SUPPLIER IDENTIFICATION NUMBER:	

The Iran Divestment Act, Tenn. Code Ann. § 12-12-101 et. seq. requires a person that attempts to contract with the state, including a contract renewal or assumption, to certify at the time the bid is submitted or the contract is entered into, renewed, or assigned, that the person or the assignee is not identified on a list created pursuant to § 12-12-106.

Currently, the list is available online at the following website:

<https://tn.gov/generalservices/procurement/central-procurement-office--cpo-/library-/public-information-library.html>

The Contractor, identified above, certifies by signature below that it is not included on the list of persons created pursuant to Tenn. Code Ann. § 12-12-106 of the Iran Divestment Act.

CONTRACTOR SIGNATURE

NOTICE: This certification MUST be signed by an individual with legal capacity to contractually bind the Contractor.

PRINTED NAME AND TITLE OF SIGNATORY

DATE



STATE OF TENNESSEE
NON-BOYCOTT OF ISRAEL CERTIFICATION

The Bidder certifies that it is not currently engaged in, and will not for the duration of the contract engage in, a boycott of Israel as defined by Tenn. Code Ann. § 12-4-119. This provision shall not apply to contracts with a total value of less than two hundred fifty thousand dollars (\$250,000) or to contractors with less than ten (10) employees.

According to the law, a boycott of Israel means engaging in refusals to deal, terminating business activities, or other commercial actions that are intended to limit commercial relations with Israel, or companies doing business in or with Israel or authorized by, licensed by, or organized under the laws of the State of Israel to do business, or persons or entities doing business in Israel, when such actions are taken:

- 1) In compliance with, or adherence to, calls for a boycott of Israel, or
- 2) In **a** manner that discriminates on the basis of nationality, national origin, religion, or other unreasonable basis, and is not based on a valid business reason. Tenn. Code Ann. § 12-4-119.

Signature of Authorized Representative	Date
Printed Name	Phone Number/ Email Address

Section 00300 - PROPOSAL FORM

DATE: _____

OWNER: CITY OF LAKESITE

PROJECT: STORMWATER MANAGEMENT IMPROVEMENT PROJECT

LOCATION: LAKESITE, TN

PROPOSAL OF: _____,
A corporation organized and existing under the laws of the State of

OR

An individual or partnership doing business as

Hereinafter called

"Bidder" LADIES AND

GENTLEMEN

The undersigned bidder has carefully examined the Contract Documents (referred in the "Instructions to Bidders") and the site of the work and will provide all necessary labor, machinery, tools, apparatus and other means of construction and will do all the work and will furnish all material called for by the Contract Documents in the manner prescribed therein and in said Contract and in accordance with the requirements of the Contract.

Bidder acknowledges receipt of the following addenda:

BIDDER agrees to perform asphalt concrete paving as described in the Specifications and as shown on the Plans, for the unit prices indicated on the attached bid schedule

INSURANCE COVERAGE

COVERAGES	LIMITS OF LIABILITY
Workmen's Compensation	Statutory
Employer's Liability	\$500,000
Bodily Injury Liability Except Automobile	\$500,000 each occurrence \$1,000,000 aggregate
Property Damage Liability Except Automobile	\$300,000 each occurrence \$300,000 aggregate
Automobile Bodily Injury Liability	\$500,000 each person \$1,000,000 each occurrence
Automobile Property Damage Liability	\$300,000 each occurrence

The contractor shall cause the City to be named as additional insured in this insurance and provide proof of this coverage to the City before project date.

SECTION 00302 - BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned, as Principal, and _____ as Surety, are hereby held and firmly bound unto the City of Lakesite as Owner in the penal sum of **five percent** of the total bid for the payment of which, will and truly be made, we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns.

The condition of the above obligation is such what whereas the Principal has submitted to the City of Lakesite, a certain Bid, attached hereto and hereby made a part of hereof to enter into a contract in writing for the work being bid upon.

NOW THEREFORE,

- (a) If said Bid shall be rejected or in the alternate,
- (b) If said Bid shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attached hereto (properly completed in accordance with said Bid) and shall furnish a bond for his faithful performance of said contract, and for the payment of all persons performing labor or furnishing materials in connection therewith, all shall in all other respects perform the agreement created by the acceptance of said Bid, then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by any extension of the time within which the Owner may accept such Bid; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and Surety have executed this Bond by causing their respective names to be hereunto subscribed and their seals to be hereunto affixed by their duly authorized officers, on this the _____ day of _____,

CONTRACTOR - PRINCIPAL:

By _____ (Please type)

Name _____

(SEAL)

SURETY:

By, _____

Name, _____

(Please Type)

Title _____

WITNESS:

Name _____ (Please type)

Title, _____

Note: Surety companies executing Bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and the authorized to transact business in the state where the project is located.

Section 00620 - PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS: that _____,

Name and Address of Contractor

a _____ of the State of _____

Corporation, Partnership or Individual

the "Contractor", and _____

Name and Address of Surety

the "Surety," are held and firmly bound unto the Owner existing under and by virtue of the laws of the State of Tennessee, in the sum of _____ (\$.

_____, in

lawful money of the United States, for the payment of which sum in lawful money of the United States well and truly to be made we do hereby bind ourselves, our heirs, executors, administrators, successors and assigns jointly and severally.

The condition of this obligation is such that whereas Contractor has entered into a certain Contract with the Owner, dated as of the _____ day of _____, _____, which is by reference incorporated into and made a part hereof as if copied here verbatim, for the following work:

LAKESITE STORMWATER IMPROVEMENT PROJECT

NOW THEREFORE, if the Contractor shall fully pay for all the labor and materials used by said Contractor or any immediate or remote subcontractor or furnisher of labor or materials under him in the performance of the work in lawful money of the United States as the same shall become due, including all amounts due for materials, lubricants, oil, gasoline, electricity, coal and coke, repairs on machinery, equipment, and tools, consumed or used in connection with performance of the work and all insurance premiums and other charges incurred under said contract, then this obligation shall be void; otherwise to remain in full force and effect.

Contractor and Surety further bind themselves, their heirs, executors, administrators, and assignees, jointly and severally, that shall promptly make payments of all taxes, license, assessments, contributions, penalties, and interest thereon, when, and if, the same may be lawfully due to the State of Tennessee or any County, Municipality or political subdivision thereof by reason of and directly connected with the performance of the Contract, or any part thereof.

And the Surety, for value received, hereby stipulates and agrees that the obligations of the Surety and this Bond shall in no way be impaired or affected by any extension of time, modification, omission, additions, or change in or to the contract, the work to be performed thereunder, or by any payment thereunder before the time required therein, or by any waiver of any provision thereof, or by any assignment subletting or other transfer thereof, or of any part thereof, of any work to be performed, or of any moneys due to become due thereunder; and the said Surety does hereby waive notice of any and all such extensions, modifications, omissions, additions, changes, payments, waivers, assignments, subcontracts, and transfer, and hereby stipulates and agrees that any and all things done and omitted to be done by in relation to executors, administrators, successors, assignees, subcontractors, and other transferees shall have the same effect as to said Surety as though done or omitted to be done by and in relation to the Contractor.

IN WITNESS WHEREOF, the Contractor and Surety have executed this Bond by causing their respective names to be hereunto subscribed and their seals to be hereunto affixed by their duly authorized officers, on this the _____ day of _____, _____

CONTRACTOR- PRINCIPAL

By _____

Name _____

(Please Print or Type)

Title _____

ATTEST:

Name _____ (Please Print or Type)

Title _____

NOTE: Attest for a corporation must be by the corporate secretary; for a partnership by another partner, for an individual by a Notary.

SURETY:

By _____

Name _____

(Please Print or Type)

Title _____

(Seal)

WITNESS:

Name

(Please Print or Type)

Title _____

Note: Surety companies executing Bonds must appear on the Treasury Departments most current list (Circular 570 as amended) and be authorized to transact business in the state where the project is located.

1. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES ON THE DRAWING OR IN THE FIELD BEFORE BEGINNING WORK OR DURING CONSTRUCTION.
2. DEVIATION FROM THE SPECIFICATIONS & NOTES WITHOUT THE PRIOR CONSENT OF THE OWNER'S REPRESENTATIVE MAY BE CAUSE FOR THE WORK TO BE UNACCEPTABLE.
3. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES IN THE PROXIMITY OF THE CONSTRUCTION AREA AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE PRIOR TO BEGINNING WORK.
4. THE CONTRACTOR SHALL CONFORM TO ALL LOCAL, STATE AND FEDERAL CODES AND OBTAIN ALL PERMITS PRIOR TO BEGINNING WORK.
5. THE CONTRACTOR SHALL FIELD CHECK ALL FINISHED GRADES AND DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE PRIOR TO BEGINNING WORK.
6. DIMENSIONS ARE TO THE FACE OF CURB, EDGE OF CONCRETE AND FACE OF BUILDING UNLESS NOTED OTHERWISE. CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION.
7. ALL HANDICAP RAMPS, PARKING SPACES AND ACCESSIBLE ROUTES SHALL COMPLY WITH THE CURRENT ADA REQUIREMENTS.
8. EXTERIOR DOOR LANDINGS SHALL BE PROVIDED PER THE LOCAL BUILDING CODE.
9. CONTRACTOR SHALL COORDINATE DOOR LOCATIONS AND ADJACENT SIDEWALK/LANDSCAPE GRADES WITH THESE PLANS AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE.
10. THE NECESSARY PERMITS FOR THE WORK SHOWN ON THESE SITE DEVELOPMENT PLANS WILL BE OBTAINED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORK ON THIS PROJECT. THE CONTRACTOR SHALL GIVE ALL NECESSARY NOTICES AND OBTAIN ALL PERMITS PAY ALL FEES INVOLVED IN SECURING SAID PERMITS, AND POST NECESSARY BONDS AS REQUIRED BY THE CITY AND/OR STATE. HE SHALL ALSO COMPLY WITH ALL CITY, COUNTY AND STATE BUILDING LAWS, ORDINANCES OR REGULATIONS RELATING TO THE CONSTRUCTION OF THE PROJECT.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL BEAR ALL EXPENSES OF FIELD STAKING NECESSARY FOR SITE LAYOUT. ALL LAYOUT SHALL BE PERFORMED IN ACCORDANCE WITH THE SITE LAYOUT PLAN.
12. THE LOCATION OF EXISTING PIPING AND UNDERGROUND UTILITIES, SUCH AS WATER AND GAS LINES, ELECTRICAL AND TELEPHONE CONDUITS, ETC., AS SHOWN ON THIS PORTION OF THE PLANS SHALL BE BASED ON THE LOCATION OF UNDERGROUND UTILITIES INFORMATION FROM ACTUAL SURVEYS, OR TAKEN FROM THE RECORDS AND DRAWINGS OF THE EXISTING UTILITIES. HOWEVER, THE CIVIL ENGINEER DOES NOT ASSUME RESPONSIBILITY THAT, DURING CONSTRUCTION, THE POSSIBILITY OF UTILITIES OTHER THAN THOSE SHOWN MAY BE ENCOUNTERED OR THAT ACTUAL LOCATION OF THOSE SHOWN MAY VARY SOMEWHAT FROM THE LOCATION DESIGNATED ON THIS PORTION OF THE PLANS. IN AREAS WHERE IT IS REASONABLY KNOWN THAT THE LOCATION OF UNDERGROUND UTILITIES IS NOT SHOWN, THE CONTRACTOR SHALL, AT THIS OWN EXPENSE, FURNISH ALL LABOR AND TOOLS TO EITHER VERIFY AND SUBSTANTIATE OR DEFINITELY ESTABLISH THE LOCATION OF THE LINES.
13. THE CONTRACTOR MUST UNDERSTAND THAT THE WORK IS ENTIRELY AT HIS RISK UNTIL THE SAME IS ACCEPTED AND HE WILL BE HELD RESPONSIBLE FOR ITS SAFETY BY THE OWNER. THEREFORE, THE CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY TEMPORARY WORKING PROTECTION OF THE WORK.
14. THE SITE DEVELOPMENT PORTION OF THIS PROJECT WILL BE SUBJECT TO THE INSPECTION AND FINAL APPROVAL OF THE LOCAL PLANNING, CODES, WATER AND SEWER DEPARTMENTS (AND/OR UTILITY DISTRICTS), ENGINEERING/PUBLIC WORKS DEPARTMENTS AND FIRE MARSHAL'S OFFICE.
15. IF DURING THE CONSTRUCTION OF THE SITE DEVELOPMENT PORTION OF THIS PROJECT, A QUESTION OF INTEREST OR CLARITY ARISES FROM EITHER THE PLANS OR SPECIFICATIONS, THE CONTRACTOR WILL IMMEDIATELY BRING THE MATTER TO THE ATTENTION OF THE CIVIL ENGINEER OR OWNER'S REPRESENTATIVE FOR RESOLUTION BEFORE THE AFFECTED WORK ITEMS ARE INITIATED OR PURSUED FURTHER.
16. THE CONTRACTOR WILL EXERCISE EXTREME CAUTION IN THE USE OF EQUIPMENT IN AND ABOUT THE WORK AREA TO AVOID DAMAGE TO POWER LINES. IF AT ANY TIME IN THE PURSUIT OF THIS WORK THE CONTRACTOR MUST WORK IN CLOSE PROXIMITY OF THE ABOVE-NOTED LINES, THE ELECTRIC AND/OR TELEPHONE COMPANIES SHALL BE CONTACTED PRIOR TO SUCH WORK AND THE PROPER SAFETY MEASURES TAKEN. THE CONTRACTOR SHOULD MAKE A THOROUGH EXAMINATION OF THE OVERHEAD LINES IN THE PROJECT AREA PRIOR TO THE INITIATION OF CONSTRUCTION.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE TO THE PREMISES OR ADJACENT PREMISES, OR INJURIES TO THE PUBLIC DURING THE CONSTRUCTION OF THE WORK, CAUSED BY HIMSELF, HIS SUBCONTRACTORS, OR THE CARELESSNESS OF ANY OF HIS EMPLOYEES.
18. ALL PRODUCT MATERIALS SPECIFIED IN THESE PLANS TO BE INSTALLED PER NOTES AND DETAILS OR MANUFACTURER'S RECOMMENDATION. IF CONFLICT ARISES BETWEEN PLANS AND MANUFACTURER'S RECOMMENDATION, CONTACT ENGINEER PRIOR TO PURCHASE AND/OR INSTALLATION.
19. PROVIDE ADDITIONAL EROSION CONTROL PER TDEC AND LOCAL REGULATIONS AS NECESSARY.

1. THE CONTRACTOR WILL BE REQUIRED TO REMOVE ALL EXCAVATED MATERIALS AND SUCH ITEMS SHALL BECOME THE PROPERTY OF THE CONTRACTOR. ALL ITEMS SHALL BE PROPERLY DISPOSED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND ALL POSSIBLE HAUL ROUTES AND SHALL BE PREPARED TO SUBMIT SUCH TO THE LOCAL JURISDICTION PUBLIC WORKS DEPARTMENT, THE CIVIL ENGINEER AND OTHER AUTHORITIES FOR APPROVAL.
2. FOR ANY SOIL THAT CANNOT BE USED ON SITE, THE CONTRACTOR WILL TAKE EXCESS SOIL TO EITHER THE BIRCHWOOD C&D LANDFILL AT 9327 BIRCHWOOD PIKE, HARRISON, TN OR THE RAYMOND CLASS I LANDFILL AT 207 SANITARY DRIVE, DAYTON, TN. IF, AT ANY TIME PRIOR TO OR DURING THE DEMOLITION WORK, HAZARDOUS MATERIAL IS ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE AND APPROPRIATE GOVERNMENTAL AGENCY.
4. THE CONTRACTOR SHALL NOTIFY ADJACENT OWNERS OF WORK THAT MAY AFFECT THEIR PROPERTY. IF ANY UTILITY CUT-OUT OR DISRUPTION, SUCH OPERATIONS SHALL BE CONDUCTED BY THE CONTRACTOR WITH MINIMUM INTERFERENCE TO ADJACENT OWNERS. ADJACENT EGRESS AND ACCESS SHALL BE PROPERLY MAINTAINED AT ALL TIMES. DO NOT CLOSE OR OBSTRUCT ANY ROADWAYS, PARKING OR SIDEWALKS WITHOUT PERMISSION FROM THE ADJACENT OWNERS OR THE LOCAL JURISDICTION PUBLIC WORKS DEPARTMENT.
5. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A RECORD OF DEEDS, OVERHEAD AND UNDERGROUND UTILITIES SHALL BE LOCATED, ALL REMOVAL AND/OR RELOCATION OF UTILITIES SHALL BE COORDINATED WITH THE RESPECTIVE UTILITY COMPANIES.
6. THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER OR AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT AT NO ADDITIONAL COST TO OWNER.
7. THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING ALL AFFECTED UTILITIES PRIOR TO SUBMITTING HIS BID TO DETERMINE THE EXTENT TO WHICH UTILITY DISCONNECTIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF THE WORK FOR THIS PROJECT. SOME UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS, WHILE SOME WORK MAY BE REQUIRED 'AROUND' UTILITY FACILITIES THAT WILL REMAIN IN PLACE. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR WILL RECEIVE NO ADDITIONAL COMPENSATION FOR DELAYS OR INCONVENIENCE CAUSED BY THE UTILITY ADJUSTMENT.
8. PRIOR TO ANY DEMOLITION OR DURING DEMOLITION OPERATIONS; DO NOT USE WATER IF THAT WILL RESULT IN ICE. FLOODING, SEDIMENTATION OF PUBLIC WATERWAYS OR STORM SEWERS, OR OTHER POLLUTION.
9. REMOVE ALL EXISTING ABOVE-GRADE IMPROVEMENTS. REMOVE ANY EXISTING SLABS, PAVING, CURBS, FOUNDATIONS, WALLS, FLOOR SLABS, CONCRETE SLAB-ON-GRADES, PAVEMENTS, ETC.
10. REMOVE ALL DEMOLITION MATERIALS, OBSTRUCTIONS, AND WASTE MATERIAL INCLUDING TRASH AND DEBRIS, AND LEGALLY DISPOSE OF THEM OFF THE SITE.
11. SMOOTH DISTURBED AREAS TO ACCOMMODATE MOWERS, AND COVER WITH MINIMUM ONE INCH OF SHREDDED WOOD MULCH FOR TEMPORARY EROSION CONTROL.
12. COMPLY WITH APPLICABLE CODES AND REGULATIONS FOR SITE DEMOLITION OPERATIONS AND SAFETY. OBTAIN ALL NECESSARY PERMITS FROM THE LOCAL JURISDICTION PUBLIC WORKS DEPARTMENT.
13. PROVIDE, ERRECT, AND MAINTAIN TEMPORARY BARRIERS AND SECURITY DEVICES AS NECESSARY.
14. USE PHYSICAL BARRIERS TO PREVENT ACCESS TO AREAS THAT COULD BE HAZARDOUS TO WORKERS OR THE PUBLIC.
15. CONDUCT OPERATIONS TO MINIMIZE EFFECTS ON AND INTERFERENCE WITH ADJACENT STRUCTURES AND OCCUPANTS.
16. DO NOT CLOSE OR OBSTRUCT ROADWAYS OR SIDEWALKS WITHOUT PERMIT.
17. CONDUCT OPERATIONS TO MINIMIZE OBSTRUCTION OF PUBLIC AND PRIVATE ENTRANCES AND EXITS; DO NOT CLOSE OR REMOVE EXITS AT ANY TIME. PROTECT PERSONS USING ENTRANCES AND EXITS FROM EXISTING OR REMOVED MATERIALS.
18. OBTAIN ALL NECESSARY PERMITS FROM OWNERS OF ADJACENT PROPERTIES WHEN DEMOLITION EQUIPMENT WILL TRAVERSE, INFRINGE UPON OR LIMIT ACCESS TO THEIR PROPERTY.
19. DO NOT BEGIN REMOVAL UNTIL RECEIPT OF NOTIFICATION TO PROCEED FROM OWNER.
20. PARTIAL REMOVAL OF PAVING AND CURBS: NEATLY SAW CUT AT RIGHT ANGLE TO SURFACE.
21. COORDINATE WORK WITH UTILITY COMPANIES; NOTIFY BEFORE STARTING WORK AND COMPLY WITH ALL REQUIREMENTS; OBTAIN ALL NECESSARY PERMITS.
22. PROTECT EXISTING UTILITIES TO REMAIN FROM DAMAGE.
23. DO NOT DISRUPT PUBLIC UTILITIES WITHOUT PERMIT FROM AUTHORITY HAVING JURISDICTION.

24. DO NOT CLOSE, SHUT OFF, OR DISRUPT EXISTING LIFE SAFETY SYSTEMS THAT ARE IN USE WITHOUT AT LEAST 7 DAYS PRIOR WRITTEN NOTIFICATION TO OWNER.
25. DO NOT CLOSE, SHUT OFF, OR DISRUPT EXISTING UTILITY BRANCHES OR TAKE-OFFS THAT ARE IN USE AT LEAST 3 DAYS PRIOR WRITTEN NOTIFICATION TO OWNER.
26. LOCATE AND MARK UTILITIES TO REMAIN; MARK USING HIGHLY VISIBLE TAPS OR FLAGS, WITH IDENTIFICATION OF UTILITY TYPE; PROTECT FROM DAMAGE DUE TO SUBSEQUENT CONSTRUCTION, USING SUBSTANTIAL BARRICADES IF NECESSARY.
27. REMOVE EXPOSED PIPING, VALVES, METERS, EQUIPMENT, SUPPORTS, AND FOUNDATIONS OF DISCONNECTED AND ABANDONED UTILITIES.
28. PREPARE BUILDING DEMOLITION AREAS BY DISCONNECTING AND CAPPING UTILITIES OUTSIDE THE DEMOLITION ZONE; IDENTIFY AND MARK UTILITIES TO BE SUBSEQUENTLY RECONNECTED, IN SAME MANNER AS OTHER UTILITIES TO REMAIN.
29. REMOVE DEMOLITION MATERIALS, DEBRIS, RANK, AND TRASH FROM SITE.
30. LEAVE SITE IN RELATIVELY SMOOTH AND CLEAN CONDITION, READY FOR SUBSEQUENT WORK.
31. COVER DISTURBED AREAS WITH MINIMUM ONE INCH OF SHREDDED WOOD MULCH.
32. CLEAN UP SPILLAGE AND WIND-BLOWN DEBRIS FROM PUBLIC AND PRIVATE ADJACENT LANDS.
33. ANY REQUIRED EXCAVATION IN OR AROUND THE PROTECTION ZONE TO ACCOMMODATE UNDERGROUND SERVICES AND/OR UTILITIES SHALL BE INDICATED ON A PLAN AND SHALL BE EXCAVATED BY A LICENSED, REGISTERED, AND ERECTED ROOT PRUNING SHALL BE COMPLETED BY A CERTIFIED ARBORIST VIA ANSI A-300-95 STANDARD SO AS TO MINIMIZE IMPACT OF THE GENERAL ROOT SYSTEM.
34. THE STORAGE OF BUILDING MATERIALS OR STOCKPILE SHALL NOT BE PERMITTED WITHIN THE PROTECTION ZONE OR WITHIN THE PROTECTION BARRIERS.
35. TREES WITHIN THE PROTECTION BARRIERS MUST BE ADEQUATELY CARED FOR THROUGHOUT THE CONSTRUCTION PROCESS (I.E., THEY MUST BE WATERED SUFFICIENTLY, PARTICULARLY IF THE TREE'S ROOT SYSTEM HAS BEEN DISTURBED BY EXCAVATION). FILL SHALL NOT BE PLACED ON THE ROOT SYSTEM IN SUCH A MANNER AS TO ENDANGER THE HEALTH OR LIFE OF THE TREE OR THE TREE.
36. TREE PROTECTION BARRIER SHALL REMAIN INTACT THROUGHOUT THE ENTIRE PERIOD OF CONSTRUCTION.

1. EROSION CONTROL, SEDIMENT BARRIERS AND TREE PROTECTION BARRIER SHALL BE INSTALLED PRIOR BEGINNING SITE WORK.
2. NO HEAVY EQUIPMENT SHALL CROSS OR BE STORED OUTSIDE THE LIMITS OF CONSTRUCTION, WITHIN TREE PROTECTION AREAS OR UNDER THE DRIP LINE OF EXISTING TREES TO REMAIN.
3. TOPSOIL STRIPPED FROM AREAS TO BE GRADED SHALL BE STOCKPILED ON SITE IN A LOCATION APPROVED BY THE OWNER'S REPRESENTATIVE. DRAINAGE SHALL BE ROUTED AROUND STOCKPILE LOCATIONS FOR THE DURATION OF GRADING OPERATIONS. EROSION CONTROL MEASURES SHALL BE INSTALLED TO PREVENT LOSS OF TOPSOIL MATERIAL.
4. ALL CUT AND FILL SHALL BE PERFORMED UNDER THE DIRECTION/OBSERVATION OF THE GEOTECHNICAL ENGINEER.
5. THE SUITABILITY OF SOILS FOR FILL MATERIAL SHALL BE DETERMINED BY THE GEOTECHNICAL ENGINEER.
6. UNLESS DIRECTED OTHERWISE BY GEOTECHNICAL ENGINEER, ALL FILL AREAS SHALL BE RAISED IN LIFTS NOT EXCEEDING 8" IN THICKNESS. THE RELATIVE COMPACTION OF EACH LAYER SHALL NOT BE LESS THAN 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D-698) IN ALL AREAS OF FILL WITHIN OPEN AREAS AND 98% OF SAME SPECIFICATION FOR AREAS UNDER ROADS, PARKING, SIDEWALKS, BUILDING SLABS, AND FOUNDATIONS.
7. THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT ENGINEER FOR ANY FIELD GRADE ADJUSTMENTS TO BE MADE TO THE ACTUAL TOPOGRAPHY VARYING FROM THE TOPOGRAPHIC SURVEY, OR OTHER CIRCUMSTANCES.
8. NEW FINISHED CONTOURS SHOWN ARE TO TOP OF NEW PAVING IN AREAS TO RECEIVE PAVEMENT, AND TO TOP OF TOPSOIL IN AREAS TO BE SEEDDED OR LANDSCAPED. PROPOSED CONTOUR INTERVALS ARE AS LABELED. ALL PROPOSED CONTOURS ARE FINISHED GRADE.
9. UNLESS OTHERWISE SPECIFIED, ALL NON-PAVED OR SURFACED SLOPES SHALL BE COVERED WITH MINIMUM OF 6" TOPSOIL. SEE EPSDC PLAN FOR TOPSOIL, AND PERMANENT SEEDING AREAS. ALL AREAS TO BE STABILIZED PER THE EPSDC PLAN AND LANDSCAPE PLAN.
10. UNLESS OTHERWISE SPECIFIED, ALL MATERIALS AND WASTE RESULTING FROM CLEARING AND GRUBBING SHALL BE DISPOSED OF OFF-SITE BY CONTRACTOR.
11. BEFORE ANY MACHINE WORK IS DONE, CONTRACTOR SHALL STAKE OUT AND MARK THE ITEMS ESTABLISHED BY THE SITE PLAN. CONTROL POINTS SHALL BE PRESERVED AT ALL TIMES DURING THE COURSE OF THE PROJECT. LACK OF PROPER WORKING POINTS AND GRADE STAKES MAY REQUIRE CESSATION OF OPERATIONS UNTIL SUCH POINTS AND GRADES HAVE BEEN PLACED TO THE OWNER'S SATISFACTION.
12. THE CONTRACTOR SHALL MAINTAIN ADEQUATE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT BE LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED OR RECONSTRUCTED AS REQUIRED BY THE ENGINEER, EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS IN AND HAVING SPECIFIC PAY ITEMS IN THE DETAILED ESTIMATE. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COSTS INCLUDING EXCAVATION AND CONSTRUCTION OF DRAINAGE STRUCTURES.
13. CONTRACTOR SHALL SMOOTH/BLEND ALL SLOPES WITH THE SURROUNDING ENVIRONMENT.
14. MAXIMUM EMBANKMENT SLOPES TO BE AS FOLLOWS, UNLESS NOTED OTHERWISE: CUT AREAS - 3:1; FILL AREAS - 3:1. ANY SLOPES STEEPER THAN 3:1 (18.4 DEGREES) SHALL BE ANALYZED BY A GEOTECHNICAL ENGINEER FOR STABILITY PRIOR TO FINISHING STABILIZATION.
15. ALL EXCAVATING IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED.
16. CONTRACTOR SHALL REPAIR OR REPLACE IN KIND ANY DAMAGE THAT OCCURS AS A RESULT OF THEIR WORK OR THE WORK OF THEIR SUBS.
17. CONTRACTOR TO COORDINATE ALL WORK WITH OTHER UTILITY INSTALLATIONS NOT COVERED IN THESE SPECIFICATIONS (ELECTRICITY, TELEPHONE, GAS, ETC.) AND ALLOW FOR THEIR OPERATIONS AND CONSTRUCTION TO BE PERFORMED.
18. ALL VEGETATION, TOPSOIL, ROOTS, STOCKPILED SOIL, AND ANY DEBRIS SHALL BE STRIPPED AND REMOVED FROM AREAS TO RECEIVE FILL AND FINISHED GRADE WORK.
19. THE SUBGRADE OF DRIVEWAYS, PARKING, AND BUILDINGS SHALL BE PROOF-ROLLED WITH A LOADED RUBBER-TIRED VEHICLE OR EQUIPMENT. THE EQUIPMENT SHOULD MAKE AT LEAST TWO PASSES OVER EACH SECTION, WITH THE SECOND PASS PERPENDICULAR TO THE FIRST.
20. DURING PROOF-ROLLING OF THE SUBGRADES, PRIOR TO RECEIVING FILL, THE GEOTECHNICAL ENGINEER OR THE OWNER'S REPRESENTATIVE SHALL IDENTIFY ANY AREAS OF INSTABILITY. PROOF-ROLLING SHOULD NOT BE DONE AFTER A PERIOD OF WET WEATHER TO AVOID DEGRADING AN OTHERWISE ACCEPTABLE SUB-GRADE.
21. SUBGRADE STABILIZATION REQUIREMENTS MAY BE REFINED BY THE GEOTECHNICAL ENGINEER, SUBJECT TO APPROVAL OF THE PROJECT ENGINEER, DURING THE GRADING PROCESS BASED ON THE PERFORMANCE OF THE SUBGRADES DURING PROOF-ROLLING.
22. A GEOTECHNICAL EXPLORATION AND REPORT WAS NOT PROVIDED FOR THIS PROJECT.

TESTING

- 1.1.1. A QUALIFIED SOILS TESTING LABORATORY SHALL DETERMINE THE SUITABILITY OF THE EXISTING SUB-GRADE AND EXISTING ON SITE MATERIAL PRIOR TO BEGINNING ANY FILLING OPERATION.
- 1.1.2. THE CONTRACTOR SHALL PROVIDE ANY EXCAVATION AND MATERIAL SAMPLES NECESSARY TO CONDUCT REQUIRED SOIL AND CONCRETE TESTS. ALL ARRANGEMENTS AND SCHEDULING FOR THE TESTING SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

DESIGN, INSPECTION, AND MAINTENANCE OF BMPs DESCRIBED AND SHOWN ON THESE PLANS SHALL BE CONSISTENT WITH OR EXCEED RECOMMENDATIONS CONTAINED IN THE CURRENT EDITION OF TDEC'S TENNESSEE EROSION CONTROL HANDBOOK.

1. ALL CONTROL MEASURES MUST BE PROPERLY INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS, TDEC, AND LOCAL STANDARDS.
2. BMP CAPACITY [SEDIMENT TRAPS, SLIT FENCES, SEDIMENTATION PONDS, AND OTHER SEDIMENT CONTROL] SHALL NOT BE REDUCED BY MORE THAN 50% AT ANY GIVEN TIME. IF PERIODIC INSPECTIONS OR OTHER INFORMATION INDICATES A CONTROL HAS BEEN USED INAPPROPRIATELY OR INCORRECTLY, THE CONTRACTOR MUST REPLACE OR MODIFY THE CONTROL FOR RELEVANT SITE SITUATIONS.
3. WHERE PERMANENT OR TEMPORARY VEGETATION COVER IS USED AS A CONTROL MEASURE, THE TIMING OF THE PLANTING IS CRITICAL. PLANNING FOR PLANTING OF VEGETATION COVER MUST BE COMPLETED PRIOR TO ANY EROSION CONTROL BEING AVOIDED.
4. IF SEDIMENT ESCAPES THE PERMITTED AREA, OFF-SITE ACCUMULATIONS OF SEDIMENT THAT HAVE NOT REACHED A STREAM MUST BE REMOVED AT A FREQUENCY SUFFICIENT TO MINIMIZE OFFSITE IMPACTS. THE CONTRACTOR SHALL NOT INITIATE REMEDIATION/RESTORATION OF A STREAM WITHOUT CONSULTING THE DIVISION FIRST. THE NOI GENERAL PERMIT DOES NOT AUTHORIZE ACCESS TO PRIVATE PROPERTY. ARRANGEMENTS CONCERNING REMOVAL OF SEDIMENT OR ADJOINING PROPERTY MUST BE SETTLED BY THE CONTRACTOR AND ADJOINING LANDOWNER.
5. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED TO STORM WATER SHALL BE PICKED UP PRIOR TO ANTICIPATED STORM EVENTS OR BEFORE BEING CARRIED OFF

ROCKED MATERIAL, STORAGE AREAS (INCLUDING OVERBURDEN AND STOCKPILES OF SOIL) AND BORROW PITS ARE CONSIDERED PART OF THE SITE AND SHOULD BE ADDRESSED WITH APPROPRIATE BMPs ACCORDINGLY.

PRE-CONSTRUCTION VEGETATIVE GRADING COVER SHALL NOT BE DESTROYED, REMOVED, OR EXPOSED TO EROSION PRIOR TO GRADING OR EARTH MOVING UNLESS THE AREA IS STABILIZED. CONTRACTOR SHALL SEQUENCE EVENTS TO MINIMIZE THE EXPOSURE TIME GRADED OR DENUDED AREAS. CLEARING AND GRUBBING SHALL BE HELD TO THE MINIMUM NECESSARY FOR GRADING AND EQUIPMENT OPERATION. EXISTING VEGETATION AT THE SITE SHOULD BE PRESERVED TO THE MAXIMUM EXTENT PRACTICABLE.

EPCs MEASURES MUST BE IN PLACE AND FUNCTIONAL BEFORE MOVING OPERATIONS BEGIN. TEMPORARY MEASURES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. TEMPORARY MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORKDAY, BUT MUST BE REPLACED AT THE END OF THE WORKDAY.

IF APPLICABLE, THE FOLLOWING RECORDS SHALL BE MAINTAINED ON OR NEAR THE SITE: THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR; THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE OR A PORTION OF THE SITE; THE DATES WHEN STABILIZATION MEASURES ARE INITIATED; INSPECTION RECORDS AND RAINFALL RECORDS. RECORDS SHOULD BE MAINTAINED FOR THE ENTIRE CONSTRUCTION PERIOD AT THE SITE, OR USE A REFERENCE SITE FOR A RECORD OF DAILY AMOUNT OF PRECIPITATION.

IF APPLICABLE, A COPY OF THE SWPPP SHALL BE OBTAINED ON-SITE AND SHOULD BE ACCESSIBLE TO THE DIRECTOR AND THE PUBLIC. ONE SITE IS INACTIVE OR DOES NOT HAVE AN ONSITE LOCATION ADEQUATE TO STORE THE SWPPP, THE LOCATION OF THE SWPPP, ALONG WITH A CONTACT PHONE NUMBER, SHALL BE POSTED ON-SITE. IF THE SWPPP IS LOCATED AT A REMOTE, UNAVAILABLE LOCATION TO THE PLAN, DURING NORMAL WORKING HOURS, MUST BE PROVIDED.

OFF-SITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED. A STABILIZED CONSTRUCTION ACCESS (A POINT OF ENTRANCE/EXIT TO A CONSTRUCTION SITE) SHALL BE CONSTRUCTED AS NEEDED TO REDUCE THE TRACKING OF MUD AND DIRT ONTO PUBLIC ROADS BY CONSTRUCTION VEHICLES.

IF APPLICABLE, INSPECTIONS MUST BE PERFORMED AT LEAST TWICE EVERY CALENDAR WEEK. INSPECTIONS SHOULD BE CONDUCTED AT SITES WHERE THE SITE OR PORTION OF CONSTRUCTION SITES HAVE BEEN TEMPORARILY STABILIZED, OR RUNOFF IS UNLIKELY DUE TO WINTER CONDITIONS OR DUE TO EXTREME DROUGHT, SUCH INSPECTION HAS TO BE CONDUCTED ONCE PER MONTH UNTIL THAWING OR PRECIPITATION RESULTS IN RUNOFF OR CONSTRUCTION ACTIVITIES RESUMES. INSPECTION REQUIREMENT DO NOT APPLY TO DUSTABLE AREAS OR SITES THAT ARE FINALLY STABILIZED, AS DESIGNED BY THE ENGINEER. A WRITTEN NOTIFICATION OF THE INTENT TO CHANGE THE INSPECTION FREQUENCY AND THE JUSTIFICATION FOR SUCH REQUEST MUST BE SUBMITTED TO THE LOCAL ENVIRONMENTAL FIELD OFFICE, OR THE DIVISION'S NASHVILLE CENTRAL OFFICE FOR PROJECTS OF TDOT OR TVA. SHOULD THE DIVISION DISCOVER THAT MONTHLY INSPECTION OF THE DIVISION DISCOVER THAT MONTHLY INSPECTIONS OF THE SITE ARE NOT APPROPRIATE DUE TO INSUFFICIENT STABILIZATION OR OTHERWISE, TWICE WEEKLY INSPECTIONS SHALL RESUME. THE DIVISION MAY INSPECT THE SITE TO CONFIRM OR DENY THE NOTIFICATION TO CONDUCT MONTHLY INSPECTIONS.

IF APPLICABLE, INSPECTIONS PERFORMING THE REQUIRED TWICE WEEKLY INSPECTIONS MUST HAVE AN ACTIVE CERTIFICATION AND A RECORD OF CERTIFICATION MUST BE KEPT ON SITE. BASED ON THE RESULTS OF THE INSPECTION, ANY INADEQUATE CONTROL MEASURES OR STABILIZATION MEASURES IN THE NEAR FUTURE SHALL BE REPLACED OR MODIFIED, OR REPAIRED AS NECESSARY. IF THERE IS NO NEAR FUTURE EVENT, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE EVENT IDENTIFIED.

OUTFALL POINTS SHALL BE INSPECTED TO DETERMINE WHETHER EPCs MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS.

1. ALL MATERIALS AND WORKMANSHIP FOR UTILITY LINES AND APPURTENANCES SHALL BE IN STRICT COMPLIANCE WITH THE GOVERNING UTILITY COMPANY AND LOCAL CODES. PRIOR TO CONSTRUCTION CONTRACTOR SHALL NOTIFY UTILITY COMPANY. (SEE UTILITY CONTACT INFORMATION)
2. CONTRACTOR SHALL COORDINATE SITE ELECTRICAL, GAS, TELEPHONE, AND CABLE WITH RESPECTIVE UTILITY COMPANY FOR SERVICE LAYOUT AND DESIGN INFORMATION, ANY PROPOSED LAYOUT OF THESE UTILITIES DEPICTED ON THESE DRAWINGS IS GRAPHICAL ONLY AND NOT INTENDED TO REPRESENT DESIGN OF THESE UTILITIES.
3. PRIOR TO COMMENCEMENT OF CONSTRUCTION, CONTRACTOR SHALL OBTAIN ALL PERMITS AND PAY ANY REQUIRED TAP AND CONNECTION FEES.
4. DURING CONSTRUCTION, PIPE LAYING AND BACKFILLING SHALL BE IN ACCORDANCE WITH CITY STANDARD DETAILS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE SEQUENCING OF CONSTRUCTION FOR ALL UTILITY LINES TO AVOID CONFLICTS.

1. THE WORK UNDER THIS SECTION SHALL COMPLY WITH THE CITY OF LAKESITE STANDARD SPECIFICATIONS.
2. CONCRETE JOINTS OR SCORE MARKS ARE TO BE SHARP AND CLEAN WITHOUT SHOWING EDGES OF JOINT TOOL.
3. MAXIMUM JOINT SPACING SHALL BE APPROXIMATELY 30 TIMES SLAB THICKNESS. MAXIMUM EXPANSION JOINT SPACING SHALL BE APPROXIMATELY 50 FEET.
4. THE CONTRACTOR SHALL ADJUST CHAMFERS AND STRUCTURE RIMS TO FINISH GRADE.

1. ALL TRAFFIC MARKINGS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL PAVEMENT MARKING SHALL BE THERMOPLASTIC UNLESS DIRECTED OTHERWISE BY THE OWNER'S REPRESENTATIVE.
2. ALL PAVEMENT MARKINGS SHALL COMPLY WITH THE CITY OF LAKESITE OR AS SHOWN ON THESE PLANS AND SPECIFICATIONS.

1. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO TDOT STANDARD SPECIFICATIONS AND DETAILS.
2. THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE MUNICIPALITY FORTY- EIGHT (48) HOURS PRIOR TO THE START OF CONSTRUCTION. THE MUNICIPALITY SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, OR REJECT THE CONSTRUCTION OF IMPROVEMENTS.
3. PIPE SEWERS SHALL BE CONSTRUCTED OF THE SIZES, CLASSES, AND MATERIALS AND TO THE ALIGNMENTS AND GRADES GIVEN BY THE PROJECT PLANS. ALL PIPE SHALL BE INSPECTED BY THE CONTRACTOR UPON DELIVERY AND SUCH PIPE AS DOES NOT CONFORM TO THE REQUIREMENTS OF THESE SPECIFICATIONS AND WHICH ARE NOT SUITABLE FOR USE SHALL BE REJECTED AND IMMEDIATELY REMOVED FROM THE SITE OF THE WORK OR DESTROYED.
4. HIGH DENSITY POLYETHYLENE PIPE (HDPE) SHALL CONFORM TO TDOT STANDARD SPECIFICATIONS AND DETAILS.
5. REINFORCED CONCRETE PIPE (RCP) SHALL CONFORM TO TDOT STANDARD SPECIFICATIONS AND DETAILS.
6. PIPE BEDDING AND TRENCH BACKFILL SHALL BE CONSTRUCTED IN ACCORDANCE WITH TDOT SPECIFICATIONS AND DETAILS.
7. MANHOLES, ENDWALLS, AND CATCH BASINS SHALL BE IN ACCORDANCE WITH THE PLAN DETAILS.
8. MINIMUM PIPE COVER SHALL BE TWO FEET.

	GAS METER		SEWER MANHOLE		PROPERTY LINE
	GAS VALVE		CLEANOUT		BUILDING LINE
	GAS PIPELINE MARKER		CENTERLINE		SEWER LINE (STORM, EXIST.)
	TELEPHONE PEDESTAL		EDGE OF PAVEMENT		SEWER LINE (STORM, PRO.)
	WATER METER	Mag(N) MAG NAIL (NEW)			SEWER LINE (SANITARY)
	WATER VALVE	R/C(N) ROD/CAP (NEW)			OVERHEAD POWER/TELEPHONE LINE
	FIRE HYDRANT	R/C(O) ROD/CAP (OLD)			UNDERGROUND TELEPHONE POLE
	IRRIGATION CONTROL VALVE	PK(O) PK NAIL (OLD)			UNDERGROUND ELECTRIC LINE
	ELECTRICAL BOX	RR(O) RAILROAD SPIKE (OLD)			WATER LINE
	LIGHT POLE	RCP REINFORCED CONCRETE PIPE			GAS LINE
	POWER POLE	CMP CORRUGATED METAL PIPE			FENCE LINE
	GUY WIRE	P.O.B. POINT OF BEGINNING			GUARDRAIL
	ELECTRICAL/TRANSFORMER	FFE FINISH FLOOR ELEVATION			DITCH LINE
	CATCH BASIN	Bk./Pg. BOOK/PAGE			COMMUNICATIONS LINE
	SIGN		TREE		DUCTILE IRON PIPE
				TAWC	TENNESSEE AMERICAN WATER COMPANY
				(TYP.)	TYPICAL
				EX.	EXISTING
				LF	LINEAR FEET
				INV.	INVERT ELEVATION
				MEP	MECHANICAL, ELECTRICAL, PLUMBING

NOTE: UTILITY SERVICE LINES SHOWN AT APPROXIMATE LOCATIONS ONLY.

SOME OF THE SYMBOLS SHOWN IN THIS LEGEND MAY NOT HAVE BEEN USED.



LAKESITE STORMWATER IMPROVEMENTS

LAKESITE, TN 37379
FOR
CITY OF LAKESITE

[illegible]

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PROJECT NO.	23-0130
DATE	03/08/2025
SCALE	AS SHOWN
DESIGNED BY	ASA
DRAWN BY	ASA
CHECKED BY	ASA
TITLE	

GENERAL NOTES, LEGEND, AND ABBREVIATIONS

SHEET NO.

C0.1

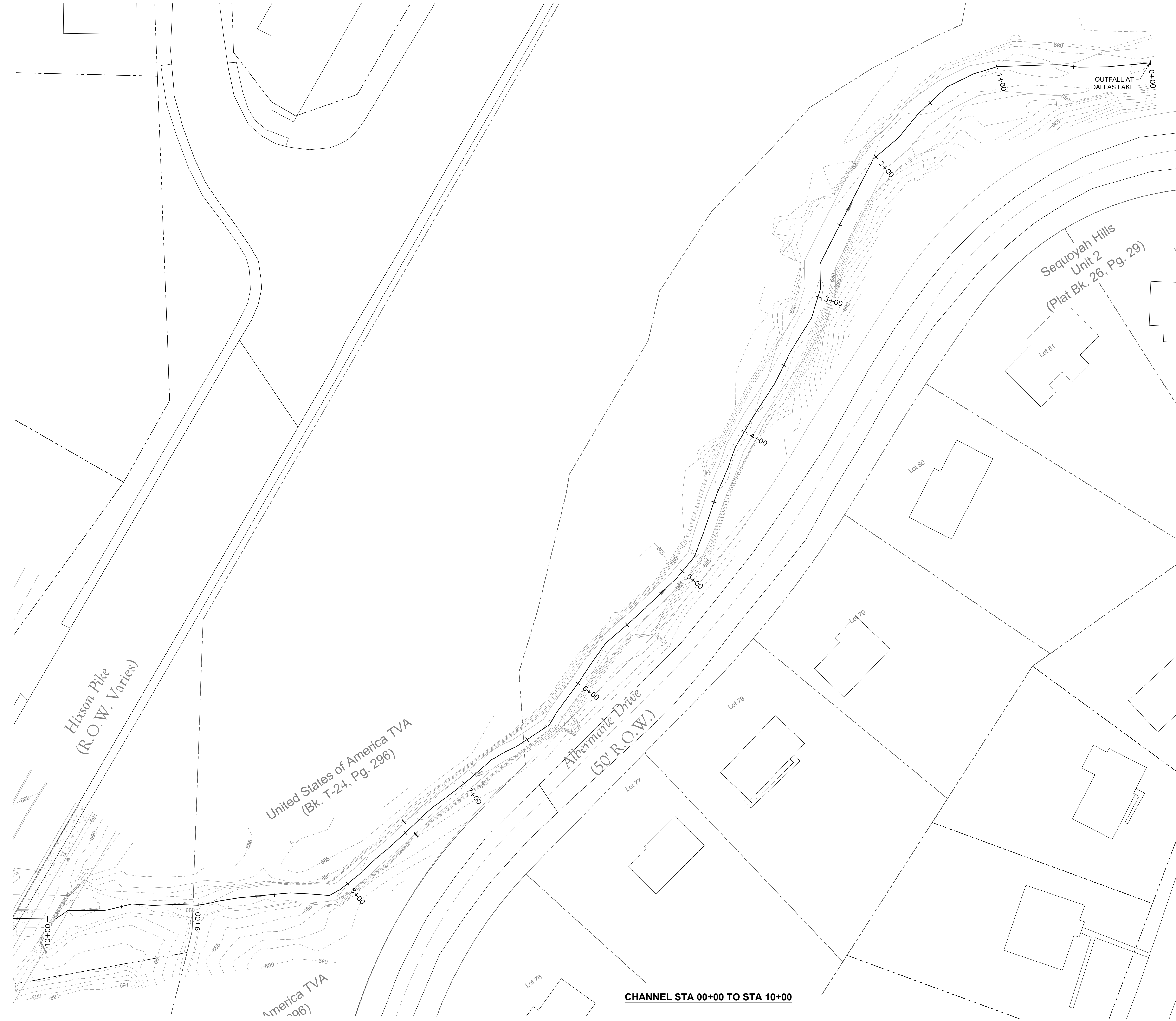


ANY LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON ABOVEGROUND STRUCTURES AND RECORD DRAWINGS PROVIDED THE SURVEYOR, AND MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURIED UTILITIES/STRUCTURES. FOR INFORMATION REGARDING THESE UTILITIES, CONTACT THE APPROPRIATE AGENCIES.



C1.0

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SITE DATA:

PROPERTY INFORMATION:

CHANNEL IMPROVEMENT AREA: DALLAS LAKE TO HALE ROAD

CLIENT:
CITY OF LAKESITE
KIRSTEN ERT ACUFF
9201 ROCKY POINT ROAD
LAKESITE, TN 37379
423-842-2533
KERT@LAKESITETN.GOV

PROJECT ENGINEER:
ASA ENGINEERING & CONSULTING, INC.
201 CHEROKEE BLVD., SUITE 101
CHATTANOOGA, TN 37405
423.805.3700

SURVEY INFORMATION:
BOUNDARY AND TOPOGRAPHIC INFORMATION FOR THE CHANNEL TAKEN FROM A SURVEY BY ROGER RIEMER, ASA ENGINEERING & CONSULTING, INC. IN A DRAWING NAMED "23-0130 SURVEY.DWG" DATED FEBRUARY 12, 2024.

SURVEY NOTES:

1. CONTOUR INTERVAL: 1 FOOT
2. ELEVATIONS BASED ON: STATE OF TENNESSEE GPS CORE STATION NETWORKS AND TRANSFERRED TO SITE BY LEICA VIVA SYSTEM AND REFERENCES NAD83.
3. SITE CONTROL POINTS:
 - 3.1. CONTROL POINT 1:
N: 317677.4119
E: 2219128.9608
ELEV.: 692.5
 - 3.2. CONTROL POINT 2:
N: 317588.0817
E: 2219064.9515
ELEV.: 696.1
4. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A CURRENT & COMPLETE TITLE COMMITMENT. THE EXISTENCE OF ADDITIONAL EASEMENTS MAY OR MAY NOT EXIST THAT MAY OR MAY AFFECT THE SUBJECT PROPERTY.

SITE DEMOLITION NOTES:

1. CONTRACTOR SHALL COORDINATE WITH RESPECTIVE PROPERTY OWNER PRIOR TO ACCESSING AND DISTURBING THE SITE.
2. UNLESS NOTED OTHERWISE, ALL TREES AND VEGETATION SHALL BE CLEARED WITHIN THE PROJECT LIMITS OF DISTURBANCE.
3. INSTALL EPSC MEASURES AND EXCAVATE LIMITS OF CHANNEL WIDENING.
4. ASA ENGINEERING & CONSULTING, INC. IS NOT RESPONSIBLE FOR THE MEANS AND METHODS EMPLOYED BY THE CONTRACTOR TO IMPLEMENT THIS SITE DEMOLITION PLAN. THIS PLAN ONLY INDICATES THE KNOWN OBJECTS ON THE SUBJECT PROPERTY THAT ARE TO BE DEMOLISHED AND REMOVED FROM THE SITE.

PHASE I - EROSION AND SEDIMENT CONTROL SCHEDULE:

1. CONDUCT PRE CONSTRUCTION MEETING WITH EROSION CONTROL INSPECTOR.
2. STAKE OUT CLEARING LIMITS, BUFFERS, ETC.
3. INSTALL CONSTRUCTION EXITS, CULVERT PROTECTION, AND PERIMETER SILT FENCE.
4. DEMO EXISTING PAVEMENTS, TREES, DRIVES, STRIP TOP SOIL, ETC. WITHIN DISTURBANCE LIMITS.
5. STOCKPILE EXISTING TOPSOIL ONSITE FOR REUSE. COVER OR SURROUND WITH SILT FENCE FOR PROTECTION.
6. PROVIDE TEMPORARY GRASSING / MULCHING @ 14 DAY INTERVALS.

PHASE III/III - EROSION AND SEDIMENT CONTROL SCHEDULE:

1. BEGIN SITE GRADING WHERE APPLICABLE.
2. MAINTAIN PHASE I EPSC MEASURES IN PHASE II AS THE PROJECT PROGRESSES.
3. TEMPORARY SEED @ 14 DAY INTERVALS AND/OR AS DIRECTED BY THE CITY INSPECTOR.
4. INSTALL STABILIZATION MATTING, LANDSCAPING, MULCH, AND PERMANENT SEEDING PER LANDSCAPE PLAN.
5. CLEAN STORM STRUCTURES.
6. DEMOLISH ALL STRUCTURAL BMP'S AND SAFELY DISPOSE OF MATERIAL. REMOVE ALL TEMPORARY BMP'S AS SHOWN ON PLANS.

EROSION CONTROL LEGEND

— — —

CE

IP-SS

IP-C

PS

TS

SF

LIMITS OF DISTURBANCE

CONSTRUCTION ENTRANCE

INLET PROTECTION - SILT SOXX

INLET PROTECTION - CULVERT

PERMANENT SEEDING

TEMPORARY SEEDING

SILT FENCE

SEE SHEET C1.6 FOR DETAILS

ANY LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON ABOVEGROUND STRUCTURES AND RECORD DRAWINGS PROVIDED THE SURVEYOR AND MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/STRUCTURES MY BE ENCOUNTERED. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURIED UTILITIES/STRUCTURES. FOR INFORMATION REGARDING THESE UTILITIES, CONTACT THE APPROPRIATE AGENCIES.

ASA

ENGINEERING & CONSULTING, INC.

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WWW.ASAENGINEERINGINC.COM
423.805.3700

SEAL

BRUCE A. TRAVIS

AGRICULTURE

COMMERCE

NO. 120578

STATE OF TENNESSEE

8-7-2025

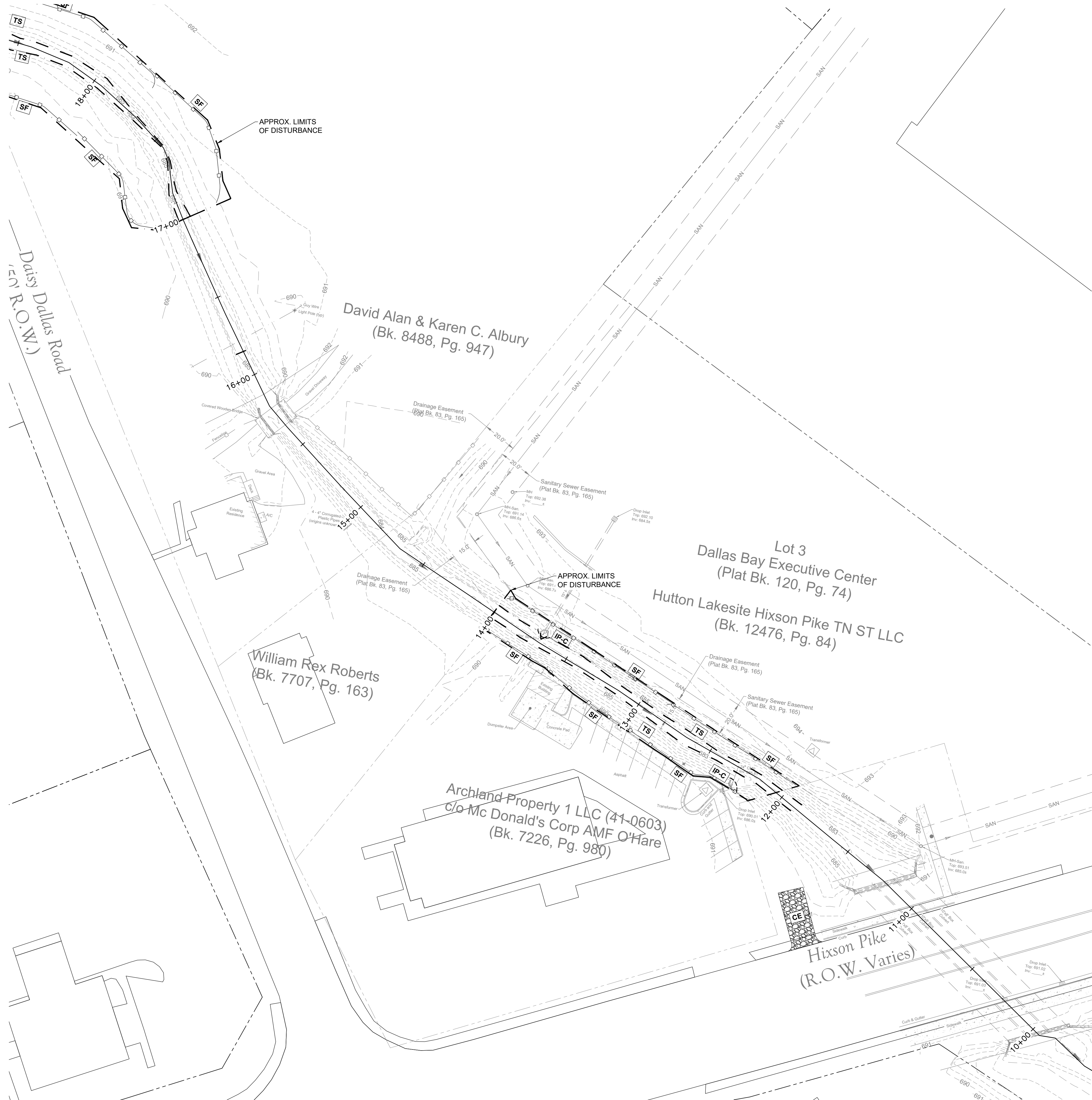
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LAKESITE STORMWATER
IMPROVEMENTS
LAKESITE, TN 37379
FOR
CITY OF LAKESITE

No.	Revision/Issue	Date

PROJECT NO.	23-0130
DATE	03/08/2025
SCALE	AS SHOWN
DESIGNED BY	ASA
DRAWN BY	ASA
CHECKED BY	ASA
TITLE	SITE DEMOLITION PLAN AND EPSC PLAN ENLARGEMENT 1
SHEET NO.	C1.1

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CHANNEL STA 10+00 TO STA 18+00

SITE DATA:

PROPERTY INFORMATION:

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CHATTANOOGA, TN 37405
423.805.3700

SURVEY INFORMATION:
BOUNDARY AND TOPOGRAPHIC INFORMATION FOR THE CHANNEL TAKEN FROM A SURVEY BY ROGER RIEMER, ASA ENGINEERING & CONSULTING, INC. IN A DRAWING NAMED "23-0130 SURVEY.DWG" DATED FEBRUARY 12, 2024.

SURVEY NOTES:

1. CONTOUR INTERVAL: 1 FOOT
2. ELEVATIONS BASED ON: STATE OF TENNESSEE GPS CORE STATION NETWORKS AND TRANSFERRED TO SITE BY LEICA VIVA SYSTEM AND REFERENCES NAD83.
3. SITE CONTROL POINTS:
 - 3.1. CONTROL POINT 1:
N: 317677.4119
E: 2219128.9608
ELEV.: 692.5
 - 3.2. CONTROL POINT 2:
N: 317588.0817
E: 2219064.9515
ELEV.: 696.1
4. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A CURRENT & COMPLETE TITLE COMMITMENT. THE EXISTENCE OF ADDITIONAL EASEMENTS MAY OR MAY NOT EXIST THAT MAY OR MAY AFFECT THE SUBJECT PROPERTY.

SITE DEMOLITION NOTES:

1. CONTRACTOR SHALL COORDINATE WITH RESPECTIVE PROPERTY OWNER PRIOR TO ACCESSING AND DISTURBING THE SITE.
2. UNLESS NOTED OTHERWISE, ALL TREES AND VEGETATION SHALL BE CLEARED WITHIN THE PROJECT LIMITS OF DISTURBANCE.
3. INSTALL EPSC MEASURES AND EXCAVATE LIMITS OF CHANNEL WIDENING.
4. ASA ENGINEERING & CONSULTING, INC. IS NOT RESPONSIBLE FOR THE MEANS AND METHODS EMPLOYED BY THE CONTRACTOR TO IMPLEMENT THIS SITE DEMOLITION PLAN. THIS PLAN ONLY INDICATES THE KNOWN OBJECTS ON THE SUBJECT PROPERTY THAT ARE TO BE DEMOLISHED AND REMOVED FROM THE SITE.

PHASE I - EROSION AND SEDIMENT CONTROL SCHEDULE:

1. CONDUCT PRE CONSTRUCTION MEETING WITH EROSION CONTROL INSPECTOR.
2. STAKE OUT CLEARING LIMITS, BUFFERS, ETC.
3. INSTALL CONSTRUCTION EXITS, CULVERT PROTECTION, AND PERIMETER SILT FENCE.
4. DEMO EXISTING PAVEMENTS, TREES, DRIVES, STRIP TOP SOIL, ETC. WITHIN DISTURBANCE LIMITS.
5. STOCKPILE EXISTING TOPSOIL ONSITE FOR REUSE. COVER OR SURROUND WITH SILT FENCE FOR PROTECTION.
6. PROVIDE TEMPORARY GRASSING / MULCHING @ 14 DAY INTERVALS.

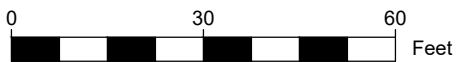
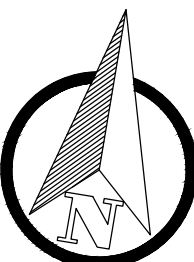
PHASE II/III - EROSION AND SEDIMENT CONTROL SCHEDULE:

1. BEGIN SITE GRADING WHERE APPLICABLE.
2. MAINTAIN PHASE I EPSC MEASURES IN PHASE II AS THE PROJECT PROGRESSES.
3. TEMPORARY SEED @ 14 DAY INTERVALS AND/OR AS DIRECTED BY THE CITY INSPECTOR.
4. INSTALL STABILIZATION MATTING, LANDSCAPING, MULCH, AND PERMANENT SEEDING PER LANDSCAPE PLAN.
5. CLEAN STORM STRUCTURES.
6. DEMOLCK ALL STRUCTURAL BMP'S AND SAFELY DISPOSE OF MATERIAL. REMOVE ALL TEMPORARY BMP'S AS SHOWN ON PLANS.

EROSION CONTROL LEGEND

- LIMITS OF DISTURBANCE
- CE CONSTRUCTION ENTRANCE
- IP-SS INLET PROTECTION - SILT SOXX
- IP-C INLET PROTECTION - CULVERT
- PS PERMANENT SEEDING
- TS TEMPORARY SEEDING
- SF SILT FENCE

SEE SHEET C1.6 FOR DETAILS



ANY LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON ABOVEGROUND STRUCTURES AND RECORD DRAWINGS PROVIDED THE SURVEYOR AND MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURIED UTILITIES/STRUCTURES. FOR INFORMATION REGARDING THESE UTILITIES, CONTACT THE APPROPRIATE AGENCIES.



ISSUED FOR
BID

LAKESITE STORMWATER
IMPROVEMENTS
LAKESITE, TN 37379
FOR
CITY OF LAKESITE

No.	Revision/Issue	Date

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PROJECT NO. 23-0130

DATE 03/08/2025

SCALE AS SHOWN

DESIGNED BY ASA

DRAWN BY ASA

CHECKED BY ASA

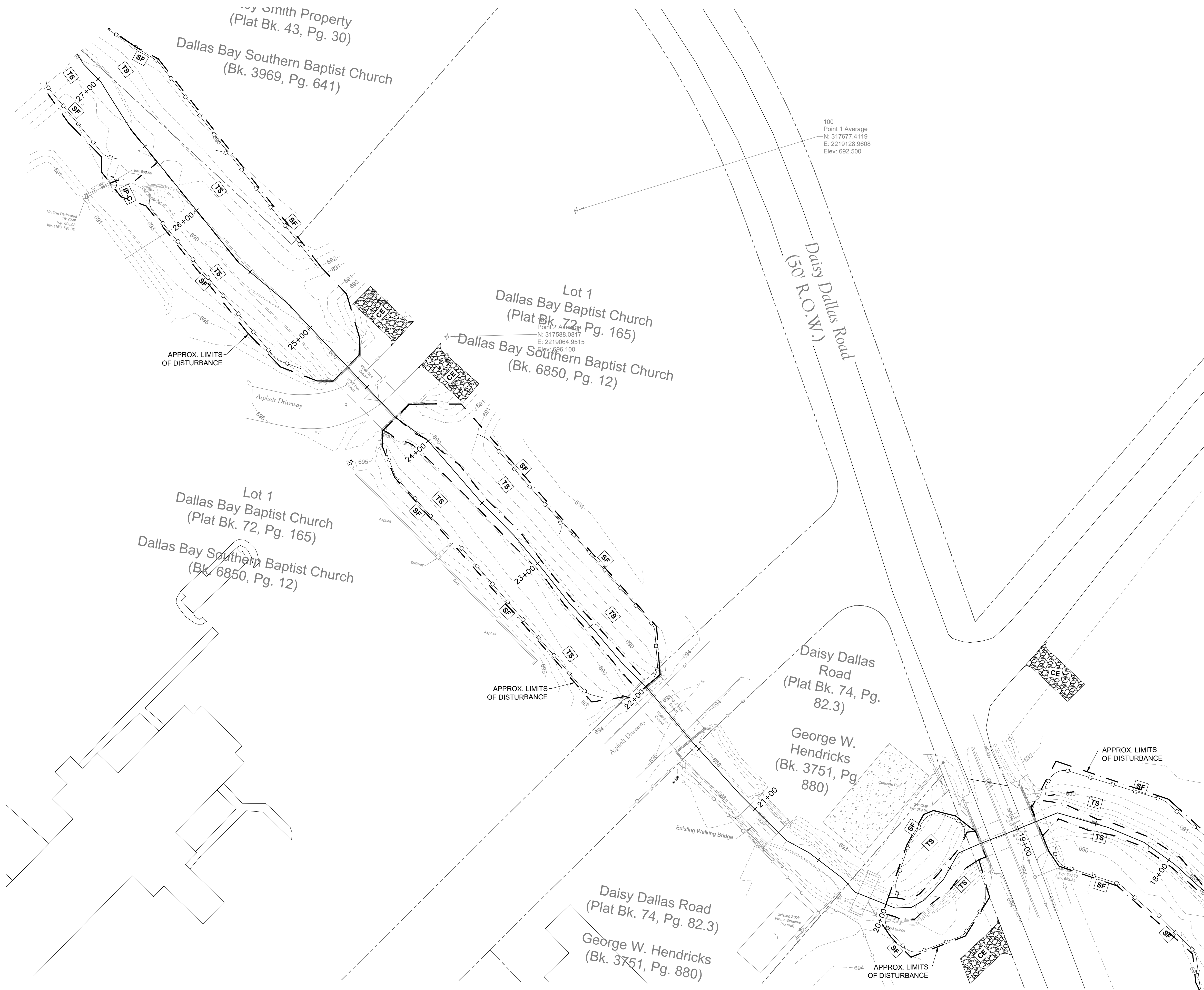
TITLE

SITE DEMOLITION
PLAN AND EPSC PLAN
ENLARGEMENT 2

SHEET NO.

C1.2

4/23/2019 1:44:04 PM | j:\01_projects\2023\0130-city of lakesite stormwater improvements\3-engineering\Civil\Sheets\C1.6 EX COND AND SITE DEMO PLAN.dwg |



SITE DATA:

PROPERTY INFORMATION:

CHANNEL IMPROVEMENT AREA: DALLAS LAKE TO HALE ROAD

CLIENT:
CITY OF LAKESITE
KIRSTEN ERT ACUFF
9201 ROCKY POINT ROAD
LAKESITE, TN 37379
423-842-2533
KERT@LAKESITETN.GOV

PROJECT ENGINEER:
ASA ENGINEERING & CONSULTING, INC.
201 CHEROKEE BLVD., SUITE 101
CHATTANOOGA, TN 37405
423.805.3700

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PHASE I - EROSION AND SEDIMENT CONTROL SCHEDULE:

1. CONDUCT PRE CONSTRUCTION MEETING WITH EROSION CONTROL INSPECTOR.
2. STAKE OUT CLEARING LIMITS, BUFFERS, ETC.
3. INSTALL CONSTRUCTION EXITS, CULVERT PROTECTION, AND PERIMETER SILT FENCE.
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6. PROVIDE TEMPORARY GRASSING / MULCHING @ 14 DAY INTERVALS.

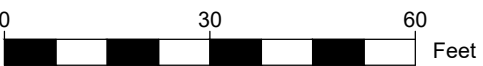
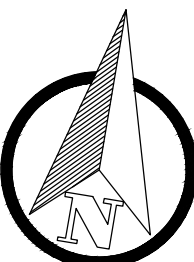
PHASE III/III - EROSION AND SEDIMENT CONTROL SCHEDULE:

1. BEGIN SITE GRADING WHERE APPLICABLE.
2. MAINTAIN PHASE I EPSC MEASURES IN PHASE II AS THE PROJECT PROGRESSES.
3. TEMPORARY SEED @ 14 DAY INTERVALS AND/OR AS DIRECTED BY THE CITY INSPECTOR.
4. INSTALL STABILIZATION MATTING, LANDSCAPING, MULCH, AND PERMANENT SEEDING PER LANDSCAPE PLAN.
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6. DEMUCK ALL STRUCTURAL BMP'S AND SAFELY DISPOSE OF MATERIAL. REMOVE ALL TEMPORARY BMP'S AS SHOWN ON PLANS.

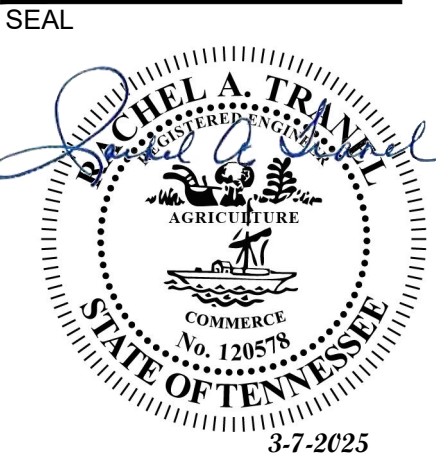
EROSION CONTROL LEGEND

- LIMITS OF DISTURBANCE
- CE CONSTRUCTION ENTRANCE
- IP-SS INLET PROTECTION - SILT SOXX
- IP-C INLET PROTECTION - CULVERT
- PS PERMANENT SEEDING
- TS TEMPORARY SEEDING
- SF SILT FENCE

SEE SHEET C1.6 FOR DETAILS



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BID

LAKESITE STORMWATER
IMPROVEMENTS
FOR
CITY OF LAKESITE

No.	Revision/Issue	Date

PROJECT NO. 23-0130

DATE 03/08/2025

SCALE AS SHOWN

DESIGNED BY ASA

DRAWN BY ASA

CHECKED BY ASA

TITLE

SITE DEMOLITION
PLAN AND EPSC PLAN
ENLARGEMENT 3

SHEET NO.

C1.3

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CHANNEL STA 27+00 TO STA 36+00

SITE DATA:

PROPERTY INFORMATION:

CHANNEL IMPROVEMENT AREA: DALLAS LAKE TO HALE ROAD

CLIENT:
CITY OF LAKESITE
KIRSTEN ERT ACUFF
9201 ROCKY POINT ROAD
LAKESITE, TN 37379
423-842-2533
KERT@LAKESITETN.GOV

PROJECT ENGINEER:
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201 CHEROKEE BLVD., SUITE 101
CHATTANOOGA, TN 37405
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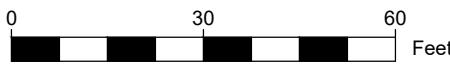
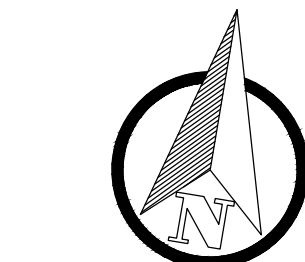
PHASE II/III - EROSION AND SEDIMENT CONTROL SCHEDULE:

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EROSION CONTROL LEGEND

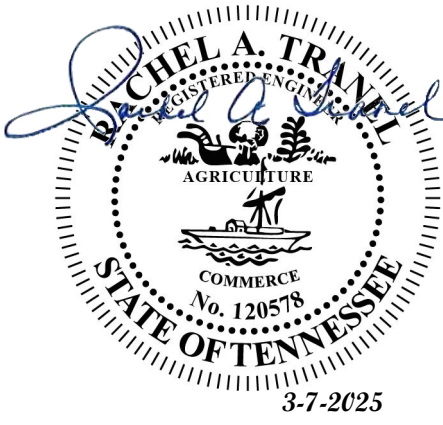
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SEE SHEET C1.6 FOR DETAILS



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SEAL



ISSUED FOR
BID

LAKESITE STORMWATER

IMPROVEMENTS

LAKESITE, TN 37379

FOR

CITY OF LAKESITE

No.	Revision/Issue	Date

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PROJECT NO. 23-0130

DATE 03/08/2025

SCALE AS SHOWN

DESIGNED BY ASA

DRAWN BY ASA

CHECKED BY ASA

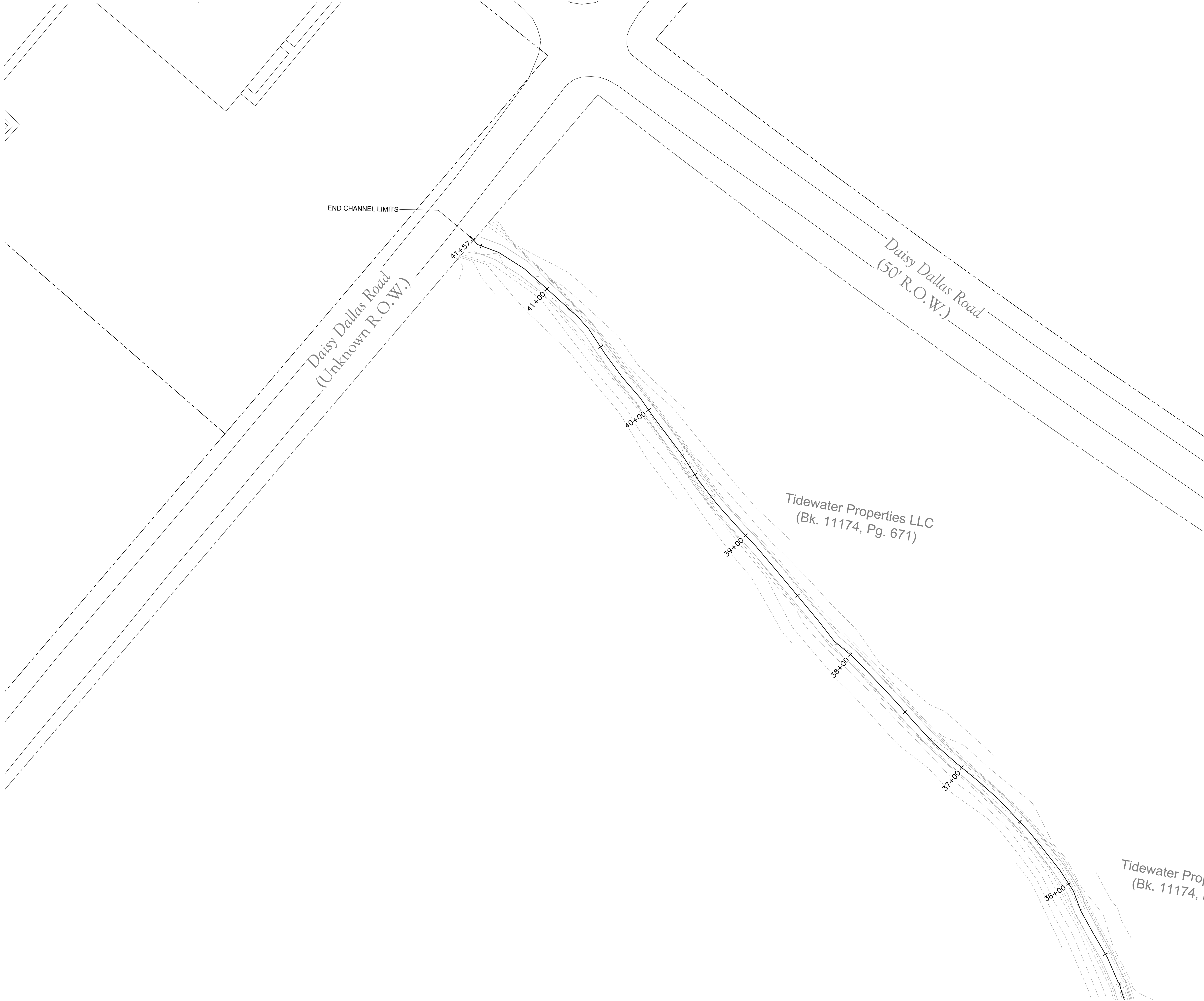
TITLE

SITE DEMOLITION
PLAN AND EPSC PLAN
ENLARGEMENT 4

SHEET NO.

C1.4

4/23/2019 1:44:04 PM | j:\01_projects\2023\23-0130 city of lakesite stormwater improvements\3-engineering\Civil\Sheets\C1.6 EX COND AND SITE DEMO PLAN.dwg |



CHANNEL STA 36+00 TO STA 41+57

SITE DATA:

PROPERTY INFORMATION:

CHANNEL IMPROVEMENT AREA: DALLAS LAKE TO HALE ROAD

OWNER:
CITY OF LAKESITE
KIRSTEN ERT ACUFF
9201 ROCKY POINT ROAD
LAKESITE, TN 37379
423-842-2533
KERT@LAKESITETN.GOV

PROJECT ENGINEER:
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201 CHEROKEE BLVD., SUITE 101
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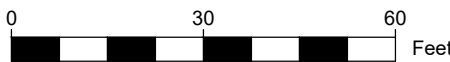
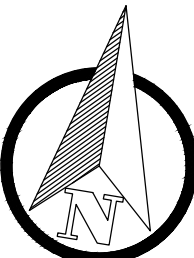
PHASE II/III - EROSION AND SEDIMENT CONTROL SCHEDULE:

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EROSION CONTROL LEGEND

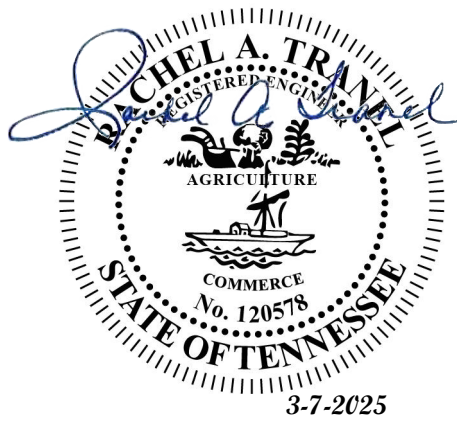
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SEE SHEET C1.6 FOR DETAILS



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SEAL



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LAKESITE STORMWATER
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PROJECT NO. 23-0130

DATE 03/08/2025

SCALE AS SHOWN

DESIGNED BY ASA

DRAWN BY ASA

CHECKED BY ASA

TITLE

SITE DEMOLITION PLAN
AND EPSC PLAN
ENLARGEMENT 5

SHEET NO.

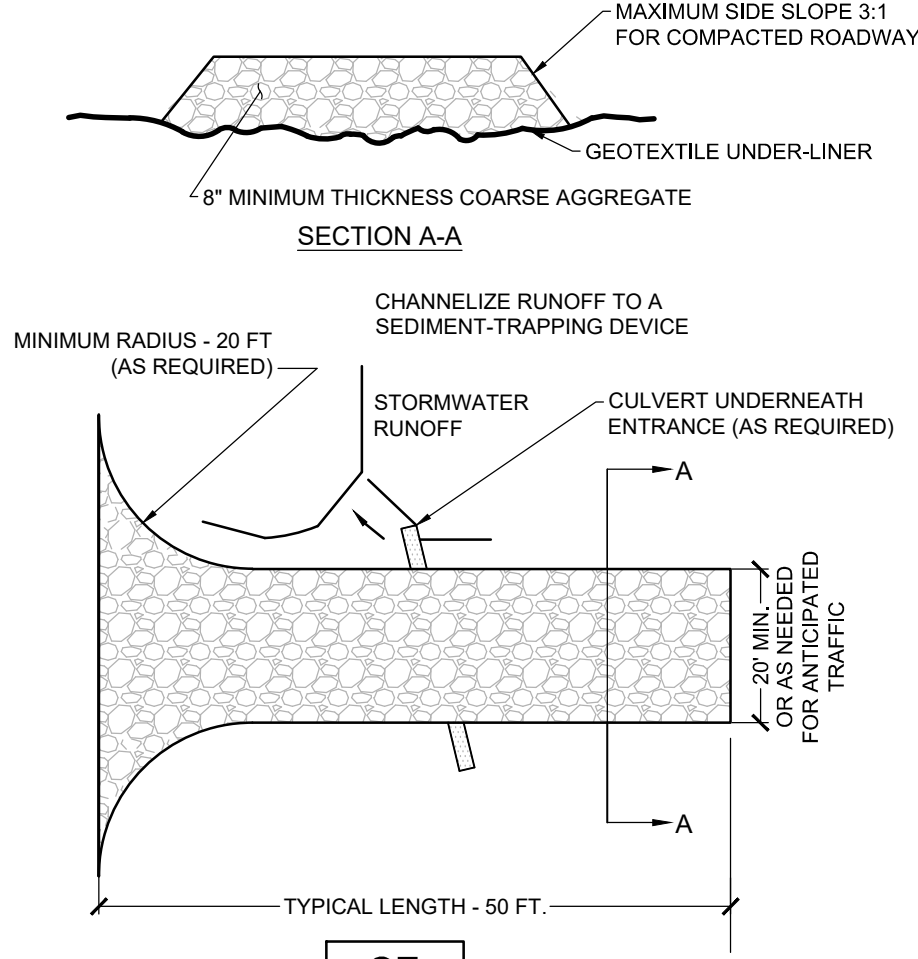
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TEMPORARY SEEDING					
TEMPORARY SEEDING FOR LATE WINTER & EARLY SPRING		TEMPORARY SEEDING FOR SUMMER		TEMPORARY SEEDING FOR FALL	
SPECIES	RATE (lb/acre)	SPECIES	RATE (lb/acre)	SPECIES	RATE (lb/acre)
RYE	120	RYE	60	RYE	30
		BROWN TOP MILLET	30	WINTER WHEAT	30
SEEDING DATES FEB. 1-MAY 1		SEEDING DATES MAY 15-AUG. 15		SEEDING DATES AUG. 15-DEC. 15	
SOIL AMENDMENTS FOLLOW RECOMMENDATIONS OF SOIL TEST OR APPLY 2,000 lb/acre GROUND AGRICULTURAL LIMESTONE AND 750 lb/acre 10-10-10 FERTILIZER.		SOIL AMENDMENTS FOLLOW RECOMMENDATIONS OF SOIL TEST OR APPLY 2,000 lb/acre GROUND AGRICULTURAL LIMESTONE AND 750 lb/acre 10-10-10 FERTILIZER.		SOIL AMENDMENTS FOLLOW RECOMMENDATIONS OF SOIL TEST OR APPLY 2,000 lb/acre GROUND AGRICULTURAL LIMESTONE AND 750 lb/acre 10-10-10 FERTILIZER.	
MULCH APPLY 4,000 lb/acre STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NEETING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.		MULCH APPLY 4,000 lb/acre STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NEETING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.		MULCH APPLY 4,000 lb/acre STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NEETING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.	
MAINTENANCE REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.		MAINTENANCE REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.		MAINTENANCE REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.	

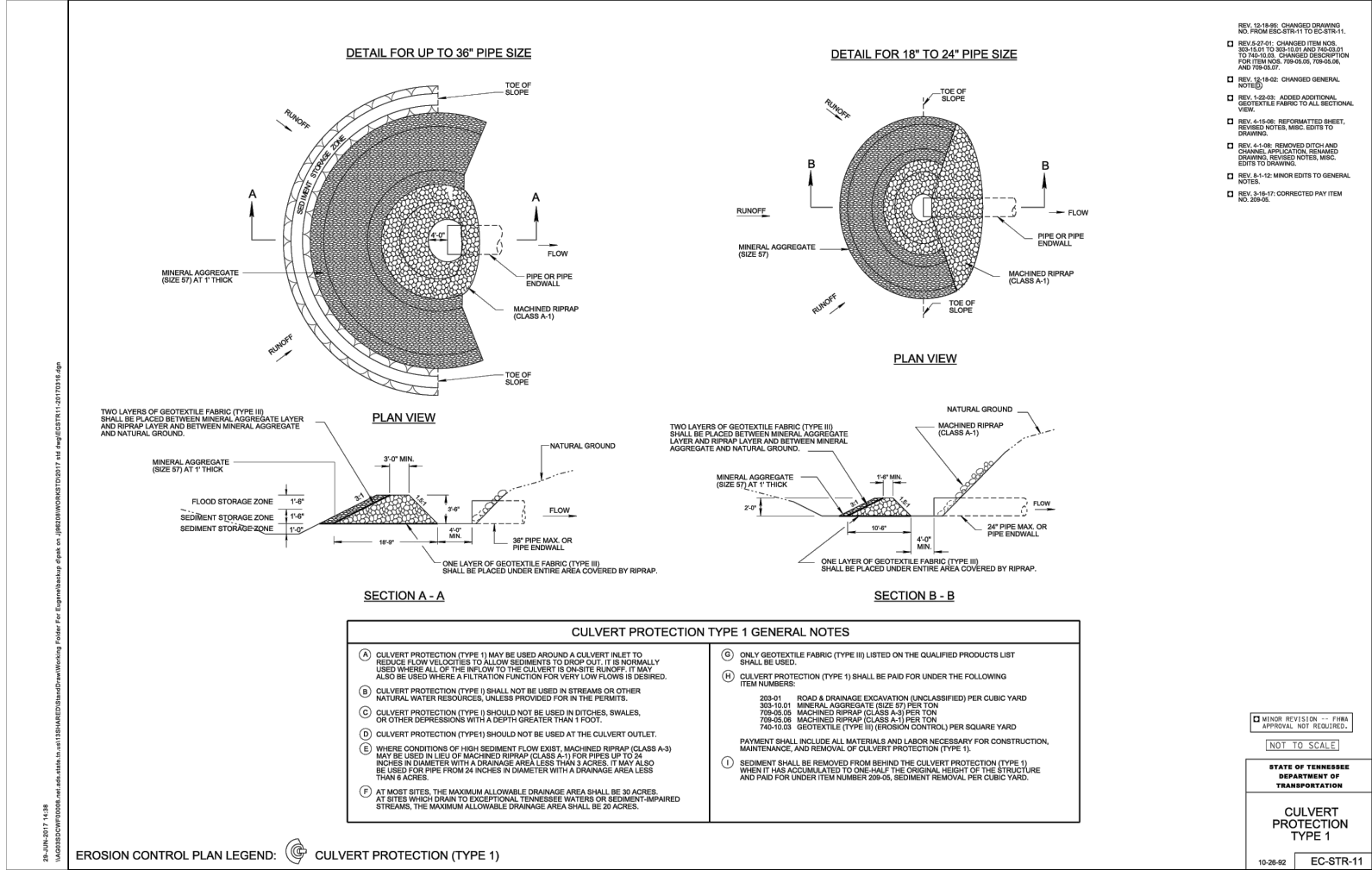
TS

1 | TEMPORARY SEEDING
NOT TO SCALE



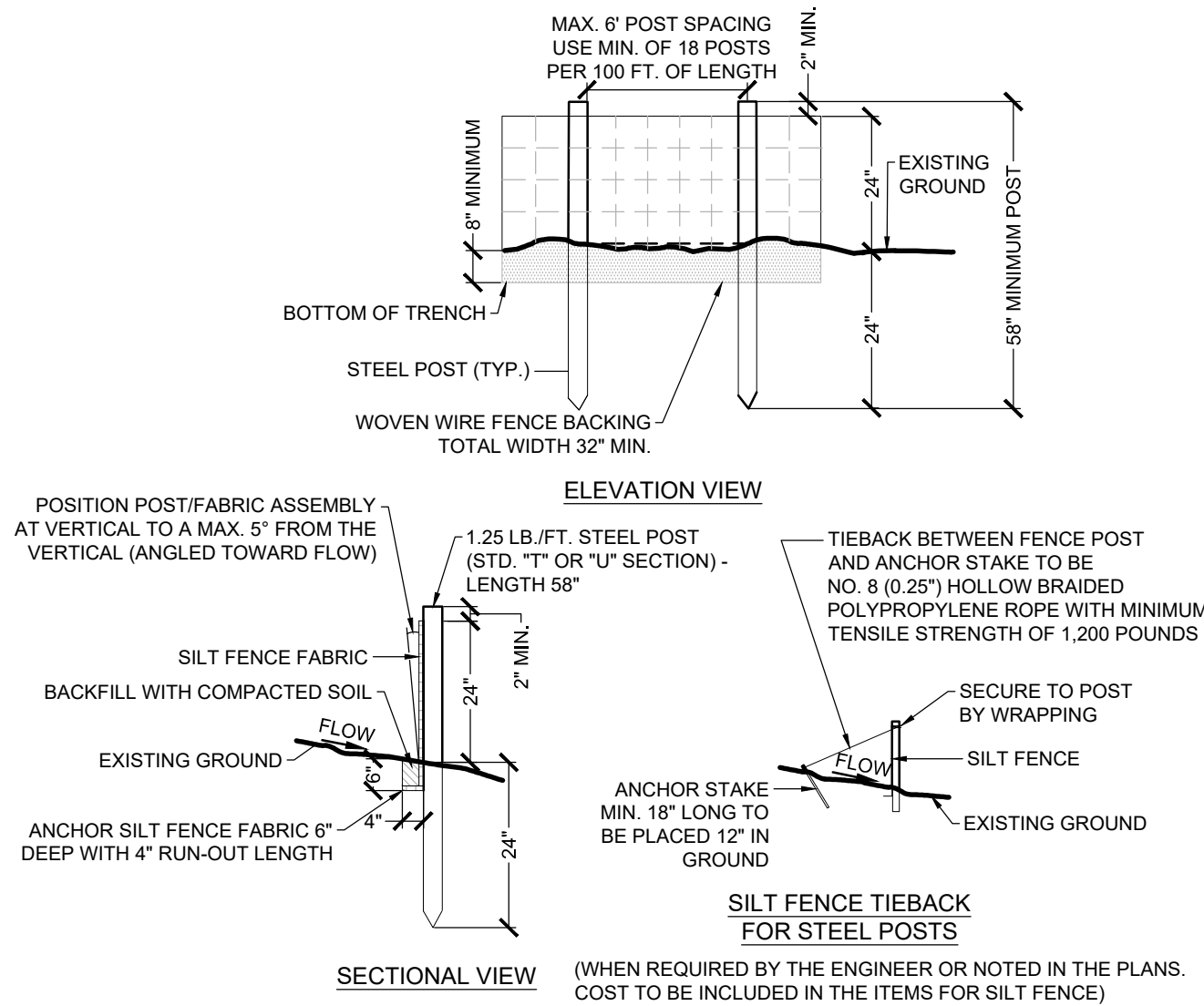
CE

2 | CONSTRUCTION EXIT
NOT TO SCALE



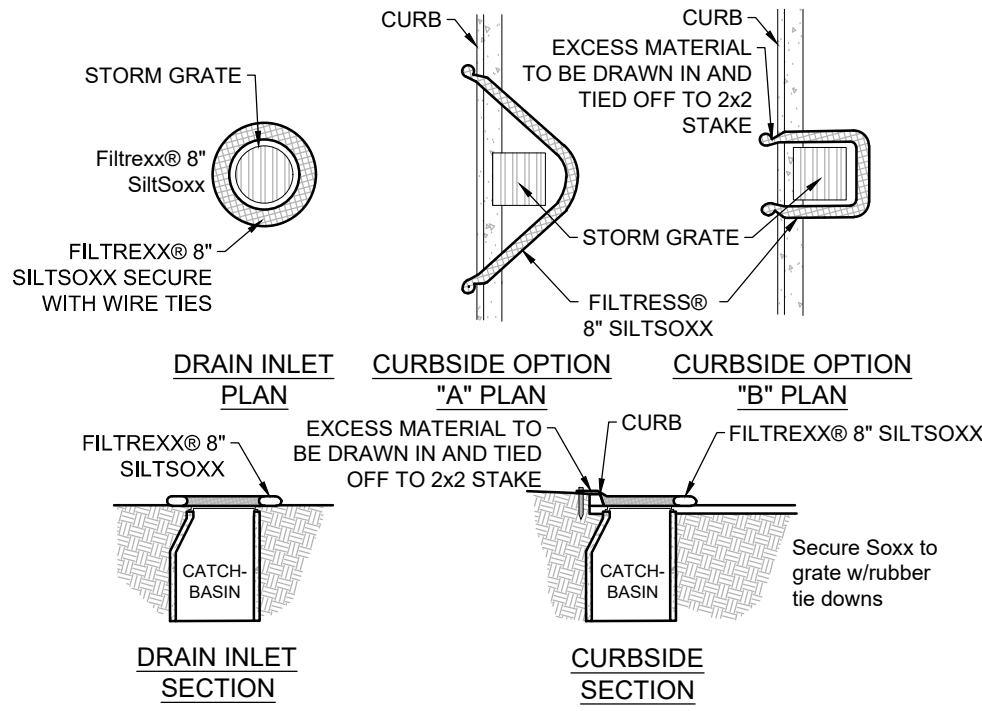
IP-C

3 | CULVERT PROTECTION
NOT TO SCALE



SF

4 | SILT FENCE WITH WIRE BACKING AND STEEL POST
NOT TO SCALE



IP-SS

5 | INLET PROTECTION - SILT SOXX
NOT TO SCALE

PERMANENT SEEDING - PREFERRED SEED MIXES			PREFERRED RATE / MIX (lb/ac PLS)
GENERAL SEEDING AREAS	PLANTING DATES BEST	MARGINAL	
Steep Slopes	Aug 15 - Sept 1 Mar 1 - Apr 1	Sept 1 - Sept 15 Apr 1 - June 10	15 browntop millet* (nurse crop) 5 purpletop 10 little bluestem 10 indian grass 2 black-eyed susan 0.5 manard (bergamot) 4 Maryland senna
Shallow Soils	Aug 15 - Sept 1 Mar 1 - Apr 1	Sept 1 - Sept 15 Apr 1 - June 10	15 browntop millet* (nurse crop) 5 purpletop 10 little bluestem 10 broomsedge 2 partridge pea 2 black-eyed susan 0.5 manard (bergamot)
Moderate Slopes	Aug 15 - Sept 1 Mar 1 - Apr 1	Sept 1 - Sept 15 Apr 1 - June 10	15 browntop millet* (nurse crop) 5 purpletop 10 little bluestem 10 indian grass 2 black-eyed susan 0.5 manard (bergamot) 4 Maryland senna
Lawn Areas	Sept 15 - Oct 31 Feb 15 - Apr 15	Oct 31 - Nov 30 Apr 15 - May 15	Annual Ryegrass (nurse crop) 5 Star Fescue Grass Seed Blend Falcon IV Tall Fescue Crossfire III Tall Fescue Rebel Tall Fescue Mix

*non-native but do not spread
Note:
The bold dates are the preferred dates for seeding.
Temporary Seeding may be required when seeding outside of the preferred seeding dates
High maintenance areas include lawns & other grassed areas that will be maintained for aesthetics.

PS

6 | PERMANENT SEEDING
NOT TO SCALE

SEAL



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LAKESITE STORMWATER
IMPROVEMENTS
LAKESITE, TN 37379
FOR
CITY OF LAKESITE

No.	Revision/Issue	Date

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PROJECT NO.	23-0130
DATE	03/08/2025
SCALE	AS SHOWN
DESIGNED BY	ASA
DRAWN BY	ASA
CHECKED BY	ASA
TITLE	

EPSC DETAILS

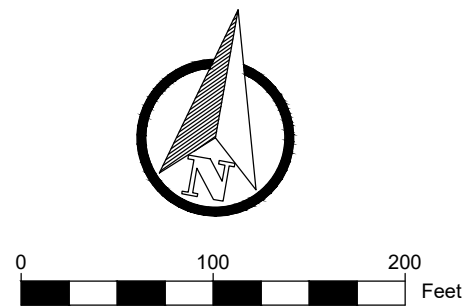
SHEET NO.

C1.6

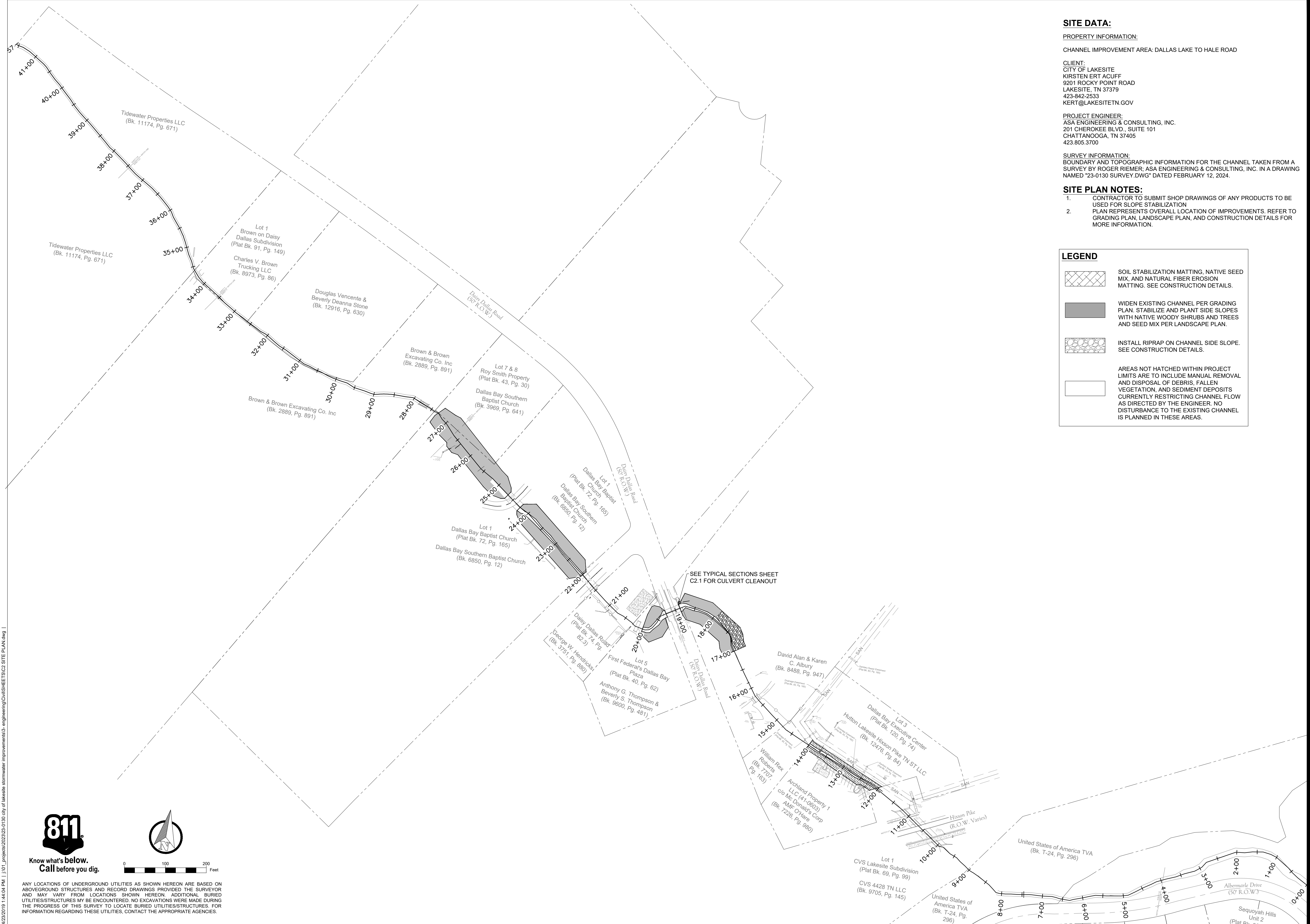
4/23/2019 1:44:04 PM | j:\01_projects\2023\23-0130 city of lakesite stormwater improvements\3-engineering\Civil\Sheets\C2 SITE PLAN.dwg |



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SITE DATA:

PROPERTY INFORMATION:

CHANNEL IMPROVEMENT AREA: DALLAS LAKE TO HALE ROAD

CLIENT:
CITY OF LAKESITE
KIRSTEN ERT ACUFF
9201 ROCKY POINT ROAD
LAKESITE, TN 37379
423-842-2533
KERT@LAKESITETN.GOV

PROJECT ENGINEER:
ASA ENGINEERING & CONSULTING, INC.
201 CHEROKEE BLVD., SUITE 101
CHATTANOOGA, TN 37405
423.805.3700

SURVEY INFORMATION:
BOUNDARY AND TOPOGRAPHIC INFORMATION FOR THE CHANNEL TAKEN FROM A SURVEY BY ROGER RIEMER, ASA ENGINEERING & CONSULTING, INC. IN A DRAWING NAMED "23-0130 SURVEY.DWG" DATED FEBRUARY 12, 2024.

SITE PLAN NOTES:

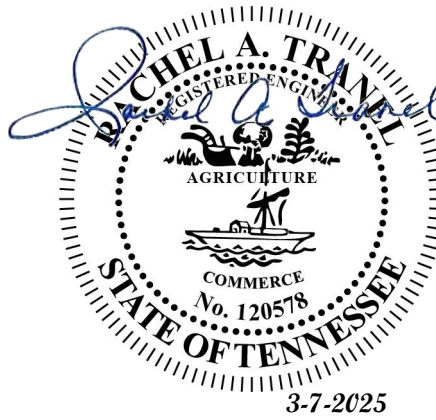
- CONTRACTOR TO SUBMIT SHOP DRAWINGS OF ANY PRODUCTS TO BE USED FOR SLOPE STABILIZATION
- PLAN REPRESENTS OVERALL LOCATION OF IMPROVEMENTS. REFER TO GRADING PLAN, LANDSCAPE PLAN, AND CONSTRUCTION DETAILS FOR MORE INFORMATION.

LEGEND

- SOIL STABILIZATION MATTING, NATIVE SEED MIX, AND NATURAL FIBER EROSION MATTING. SEE CONSTRUCTION DETAILS.
- WIDEN EXISTING CHANNEL PER GRADING PLAN. STABILIZE AND PLANT SIDE SLOPES WITH NATIVE WOODY SHRUBS AND TREES AND SEED MIX PER LANDSCAPE PLAN.
- INSTALL RIPRAP ON CHANNEL SIDE SLOPE. SEE CONSTRUCTION DETAILS.
- AREAS NOT HATCHED WITHIN PROJECT LIMITS ARE TO INCLUDE MANUAL REMOVAL AND DISPOSAL OF DEBRIS, FALLEN VEGETATION, AND SEDIMENT DEPOSITS CURRENTLY RESTRICTING CHANNEL FLOW AS DIRECTED BY THE ENGINEER. NO DISTURBANCE TO THE EXISTING CHANNEL IS PLANNED IN THESE AREAS.



SEAL



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LAKESITE STORMWATER
IMPROVEMENTS
LAKESITE, TN 37379
FOR
CITY OF LAKESITE

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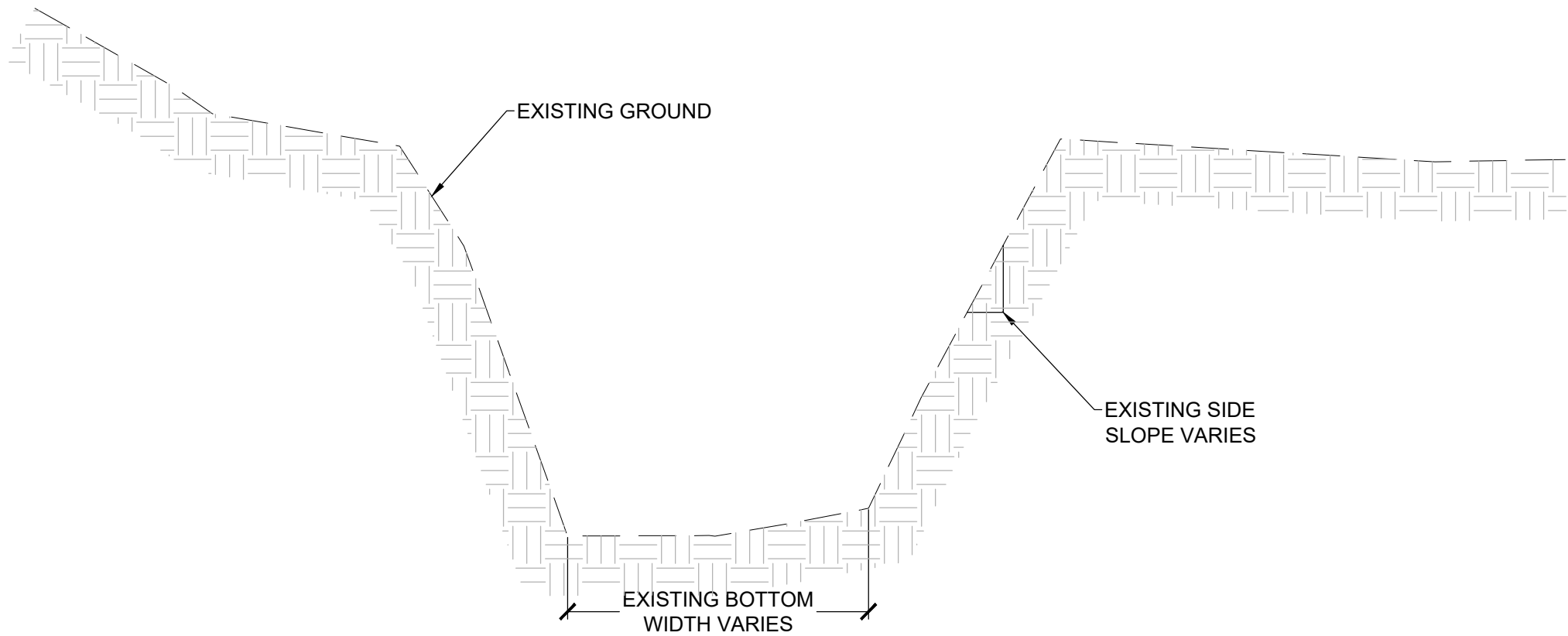
PROJECT NO.	23-0130
DATE	03/08/2025
SCALE	AS SHOWN
DESIGNED BY	ASA
DRAWN BY	ASA
CHECKED BY	ASA
TITLE	

OVERALL CHANNEL
SITE PLAN

SHEET NO.

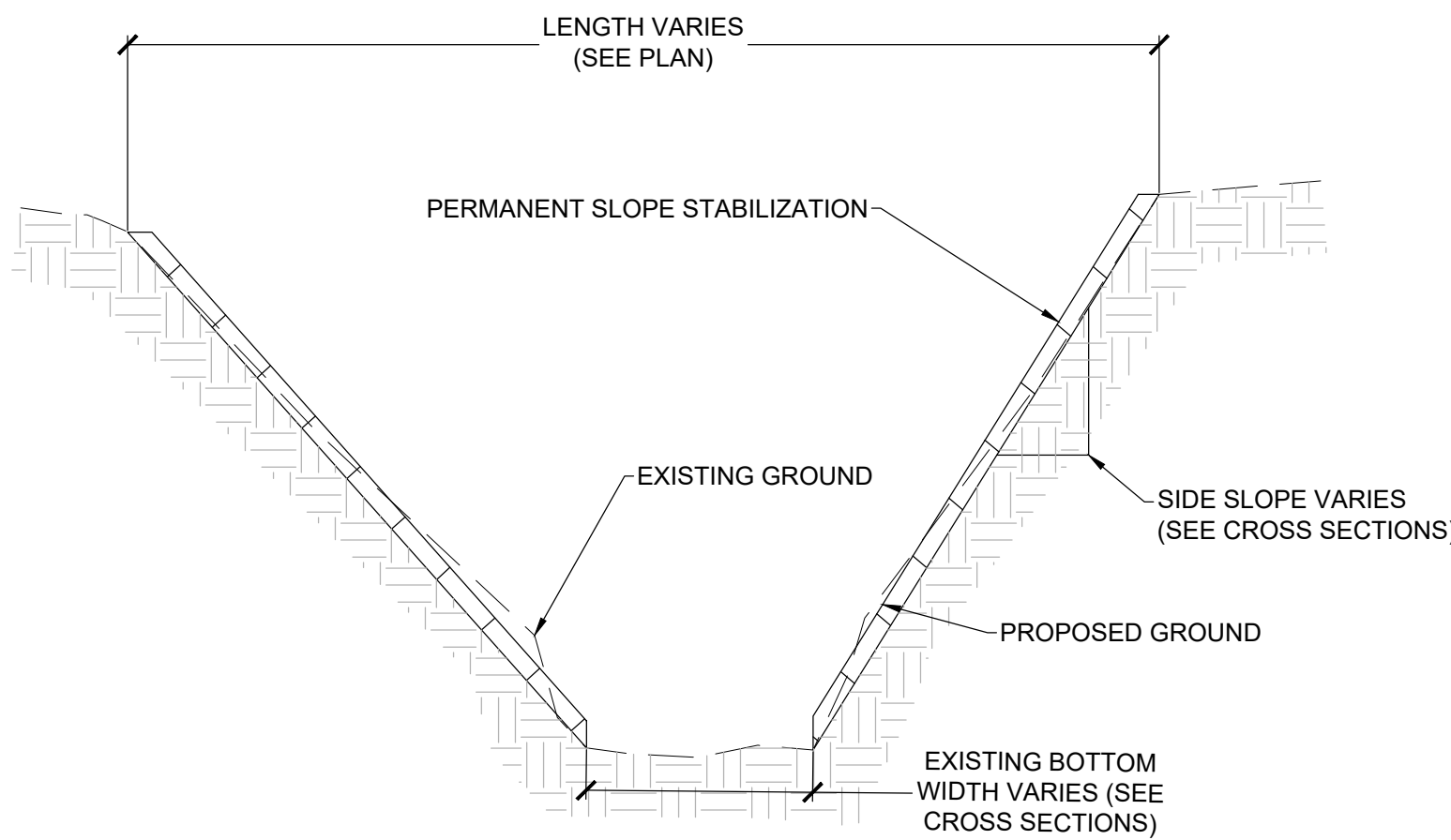
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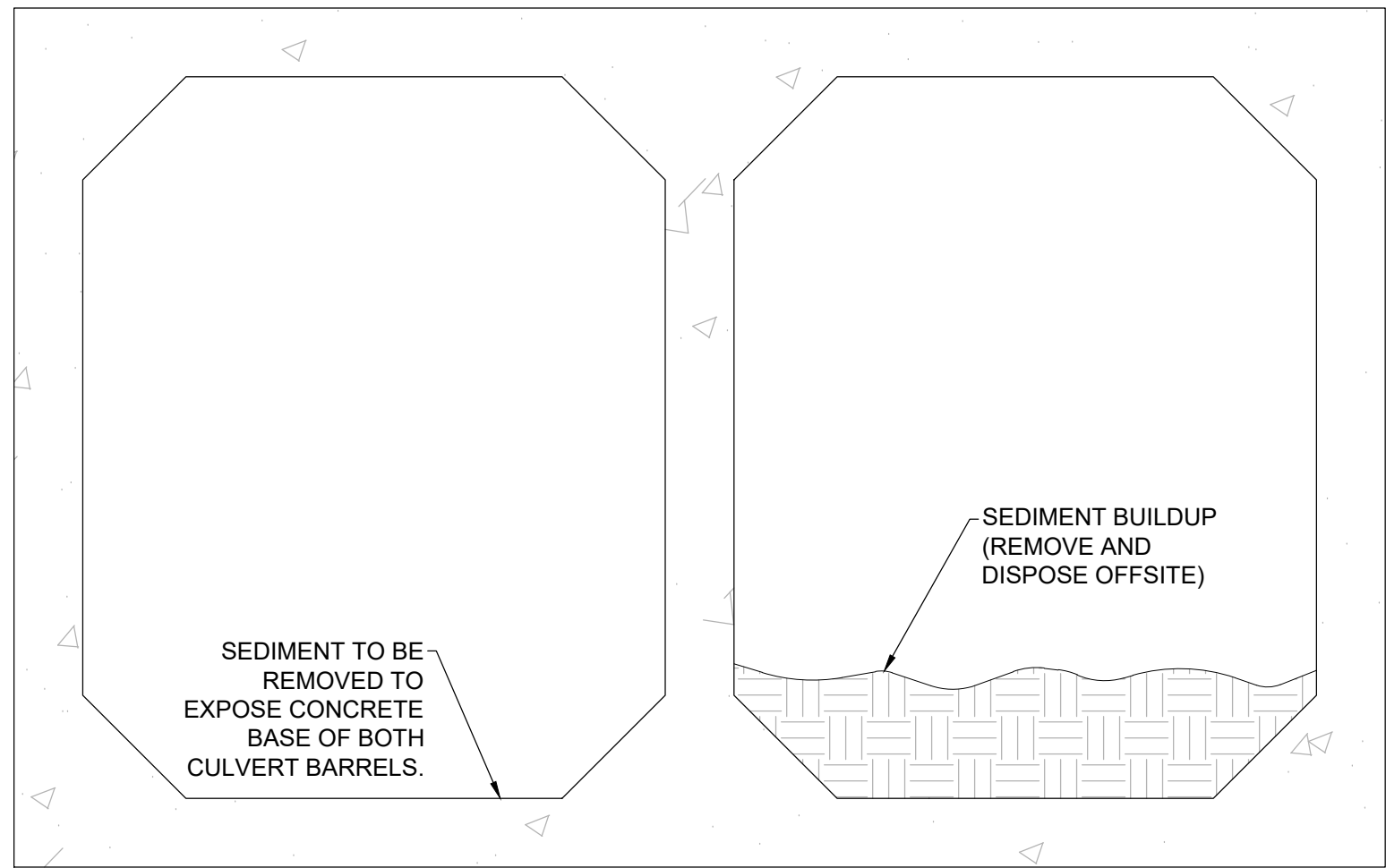
1 | HAND CLEARING ONLY - TYPICAL SECTION*
NOT TO SCALE

*BEGIN PROJECT TO STA. 8+93
AND
STA. 14+32 TO STA. 17+00
AND
STA. 27+50 TO END PROJECT



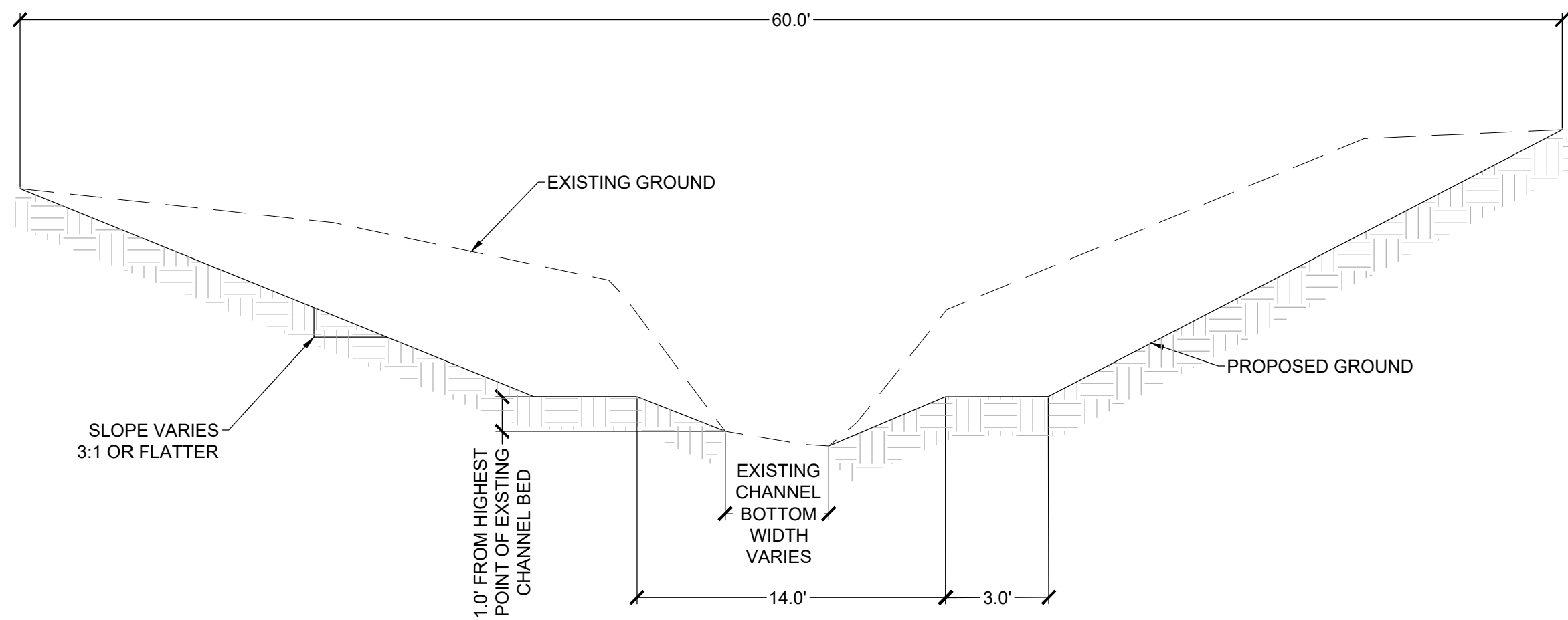
2 | PERMANENT SLOPE STABILIZATION - TYPICAL SECTION*
NOT TO SCALE

* STA. 12+04 TO STA. 14+32



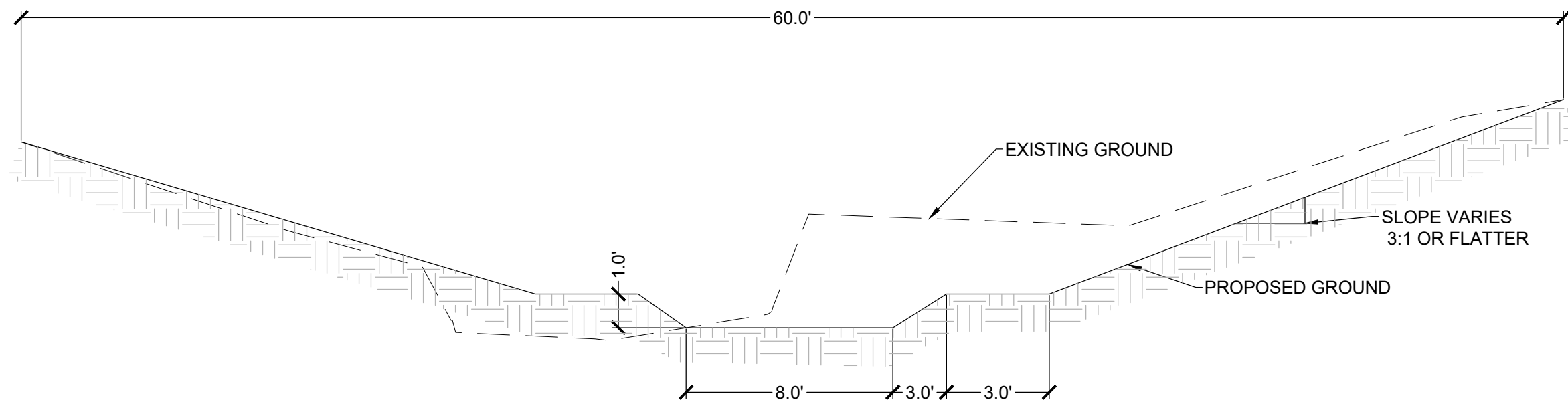
3 | CULVERT CLEANOUT - TYPICAL SECTION*
NOT TO SCALE

* STA. 18+88 TO STA. 19+26



4 | CHANNEL WIDENING - TYPICAL SECTION*
NOT TO SCALE

* STA. 17+00 TO STA. 18+88
AND
STA. 19+26 TO STA. 20+00
AND
STA. 22+00 TO STA. 24+25
AND
STA. 24+67 TO STA. 25+60
AND
STA. 26+65 TO STA. 27+50



5 | CHANNEL RE-ESTABLISHMENT - TYPICAL SECTION*
NOT TO SCALE

* STA. 25+60 TO STA. 26+65



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**LAKESITE STORMWATER
IMPROVEMENTS**
LAKESITE, TN 37379
FOR
CITY OF LAKESITE

No.	Revision/Issue	Date

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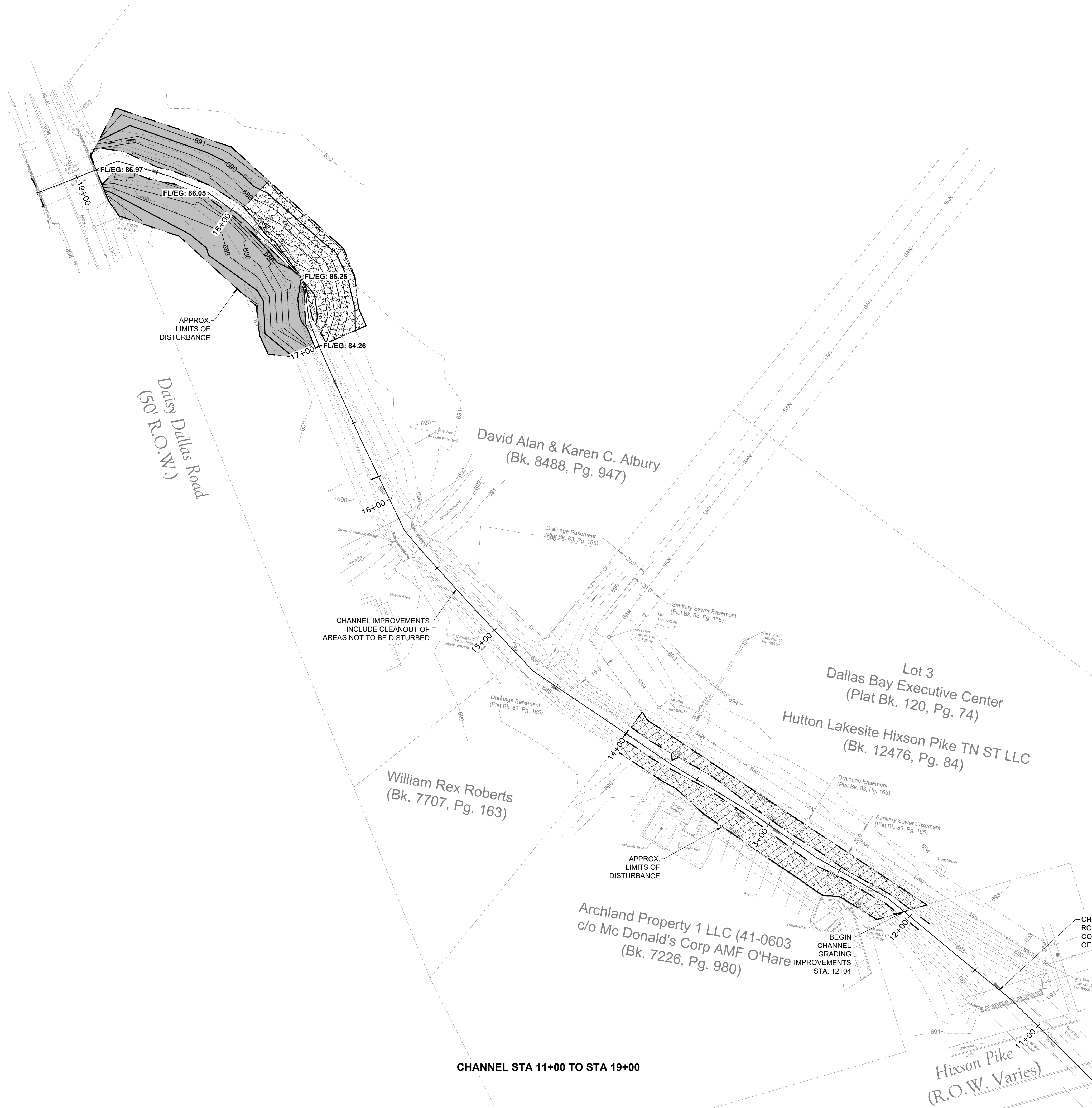
PROJECT NO.	23-0130
DATE	03/08/2025
SCALE	AS SHOWN
DESIGNED BY	ASA
DRAWN BY	ASA
CHECKED BY	ASA
TITLE	

**CHANNEL TYPICAL
SECTIONS**

SHEET NO.

C2.1

4/23/2019 1:44:04 PM | j:\01_projects\2023\23-0130 city of lakesite stormwater improvements\3-engineering\Civil\Sheets\C3 GRADING PLAN.dwg |



SITE DATA:

PROPERTY INFORMATION:

CHANNEL IMPROVEMENT AREA: DALLAS LAKE TO HALE ROAD

CLIENT:

CITY OF LAKESITE
KIRSTEN ERT ACUFF
9201 ROCKY POINT ROAD
LAKESTE, TN 37379
423-842-2533
KERT@LAKESITETN.GOV

PROJECT ENGINEER:

ASA ENGINEERING & CONSULTING, INC.
201 CHEROKEE BLVD., SUITE 101
CHATTANOOGA, TN 37405
423.805.3700

SURVEY INFORMATION:

BOUNDARY AND TOPOGRAPHIC INFORMATION FOR THE CHANNEL
TAKEN FROM A SURVEY BY ROGER RIEMER; ASA ENGINEERING &
CONSULTING, INC. IN A DRAWING NAMED "23-0130 SURVEY.DWG" DATED
FEBRUARY 12, 2024.

GRADING NOTES:

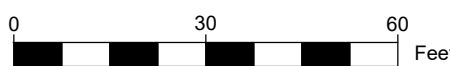
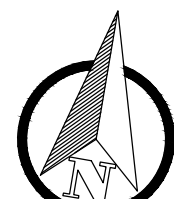
- CONTRACTOR TO MATCH EXISTING GRADES AT LIMITS OF DISTURBANCE.
- SPOT ELEVATIONS REFER TO ELEVATIONS @ 6XX.XX.
- FOR ANY SOIL THAT CANNOT BE USED ONSITE, THE CONTRACTOR WILL TAKE EXCESS SOIL TO EITHER THE BIRCHWOOD C&D LANDFILL AT 9327 BIRCHWOOD PIKE, HARRISON, TN OR THE RHEA COUNTY CLASS I LANDFILL AT 207 SANITARY DRIVE, DAYTON, TN.

GRADING LEGEND

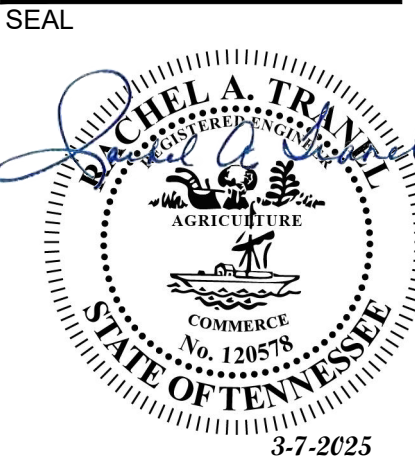
EG EXISTING GRADE
FG FINISHED GRADE OF CHANNEL
SIDE SLOPE
FL FINISHED GRADE AT CHANNEL
FLOWLINE

LEGEND

- SOIL STABILIZATION MATTING, NATIVE SEED MIX, AND NATURAL FIBER EROSION MATTING. SEE CONSTRUCTION DETAILS.
- WIDEN EXISTING CHANNEL PER GRADING PLAN. STABILIZE AND PLANT SIDE SLOPES WITH NATIVE WOODY SHRUBS AND TREES AND SEED MIX PER LANDSCAPE PLAN.
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**ISSUED FOR
BID**

**LAKESITE STORMWATER
IMPROVEMENTS**
FOR
CITY OF LAKESITE

No.	Revision/Issue	Date

PROJECT NO. 23-0130

DATE 03/08/2025

SCALE AS SHOWN

DESIGNED BY ASA

DRAWN BY ASA

CHECKED BY ASA

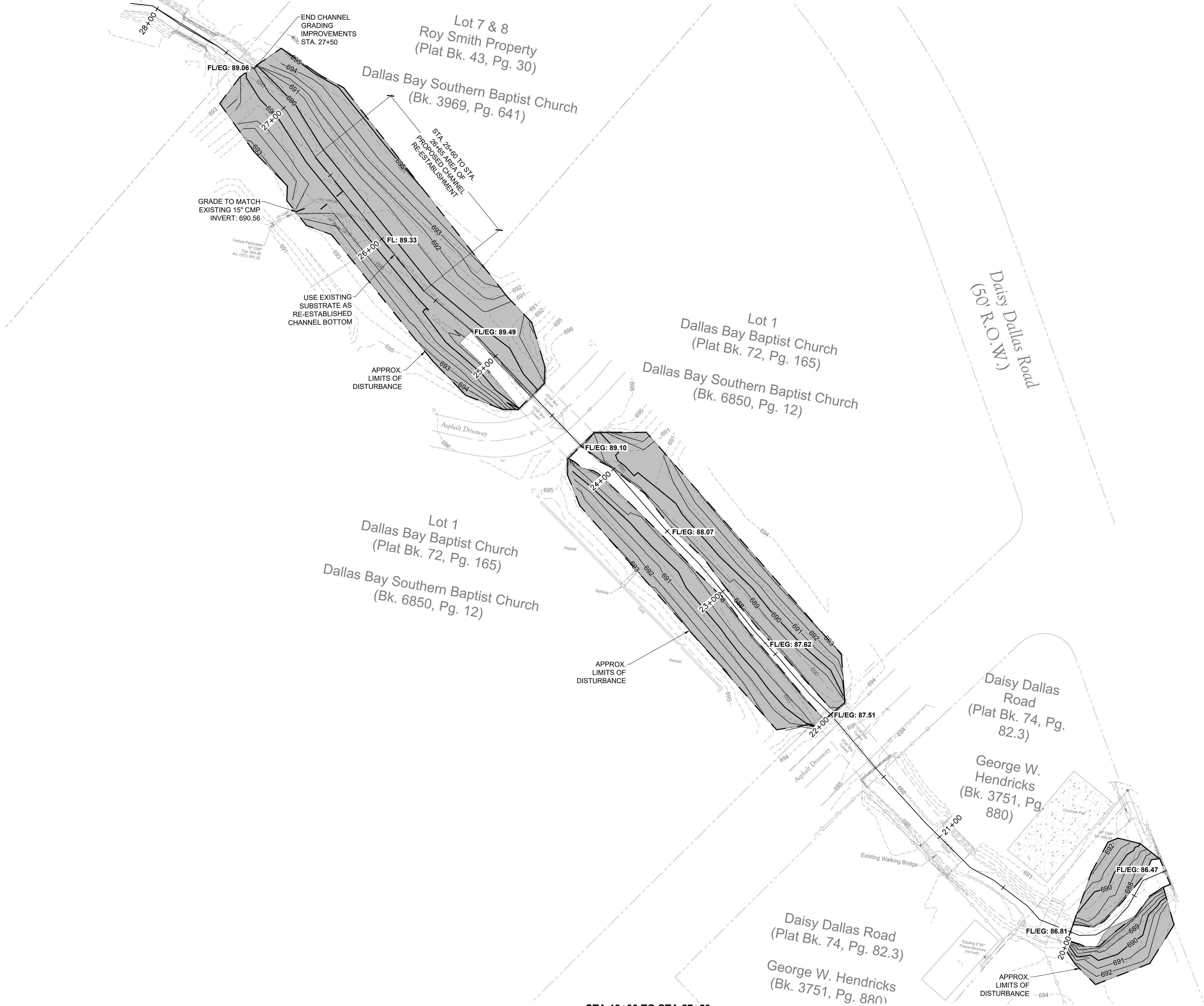
TITLE

CHANNEL GRADING
PLAN
ENLARGEMENT 1

SHEET NO.

C3.0

4/23/2019 1:44:04 PM | j:\01_projects\2023\23-0130_city_of_lakesite_stormwater_improvements\3-engineering\Civil\Sheets\C3 GRADING PLAN.dwg |



SITE DATA:

PROPERTY INFORMATION

CHANNEL IMPROVEMENT AREA: DALLAS LAKE TO HALE ROAD

CLIENT:
CITY OF LAKESITE
KIRSTEN ERT ACUFF
9201 ROCKY POINT ROAD
LAKESITE, TN 37379
423-842-2533
KERT@LAKESITETN.GOV

PROJECT ENGINEER:
ASA ENGINEERING & CONSULTING, INC.
201 CHEROKEE BLVD., SUITE 101
CHATTANOOGA, TN 37405
423.805.3700

SURVEY INFORMATION:
BOUNDARY AND TOPOGRAPHIC INFORMATION FOR THE CHANNEL
TAKEN FROM A SURVEY BY ROGER RIEMER; ASA ENGINEERING &
CONSULTING, INC. IN A DRAWING NAMED "23-0130 SURVEY.DWG" DATED
FEBRUARY 12, 2024.

GRADING NOTES:

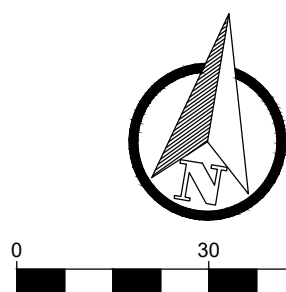
- CONTRACTOR TO MATCH EXISTING GRADES AT LIMITS OF DISTURBANCE.
- SPOT ELEVATIONS REFER TO ELEVATIONS @ 6XX.XX.
- FOR ANY SOIL THAT CANNOT BE USED ONSITE, THE CONTRACTOR WILL TAKE EXCESS SOIL TO EITHER THE BIRCHWOOD C&D LANDFILL AT 9327 BIRCHWOOD PIKE, HARRISON, TN OR THE RHEA COUNTY CLASS I LANDFILL AT 207 SANITARY DRIVE, DAYTON, TN.

GRADING LEGEND

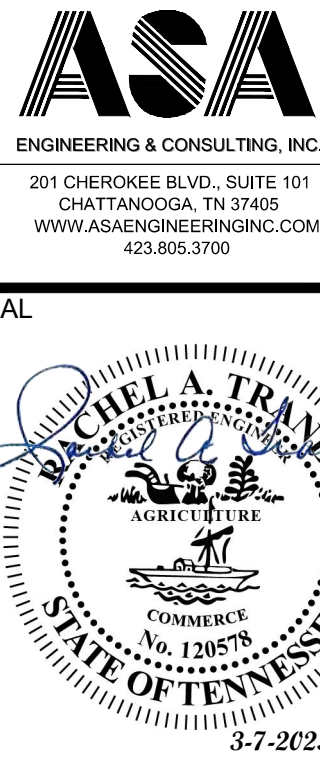
EG EXISTING GRADE
FG FINISHED GRADE OF CHANNEL
SIDE SLOPE
FL FINISHED GRADE AT CHANNEL
FLOWLINE

LEGEND

- SOIL STABILIZATION MATTING, NATIVE SEED MIX, AND NATURAL FIBER EROSION MATTING. SEE CONSTRUCTION DETAILS.
- WIDEN EXISTING CHANNEL PER GRADING PLAN. STABILIZE AND PLANT SIDE SLOPES WITH NATIVE WOODY SHRUBS AND TREES AND SEED MIX PER LANDSCAPE PLAN.
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BID

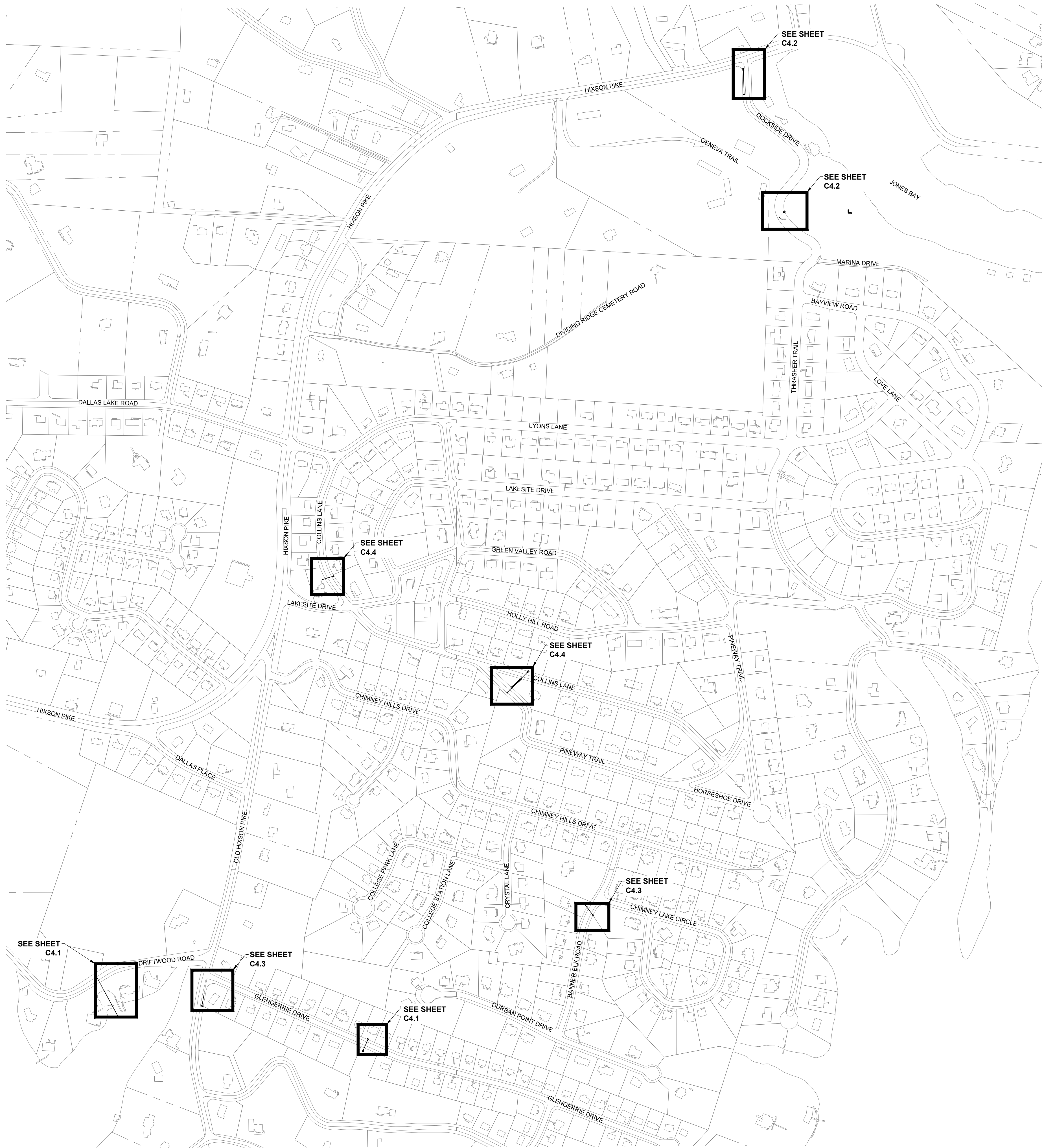
LAKESITE STORMWATER
IMPROVEMENTS
FOR
CITY OF LAKESITE

No.	Revision/Issue	Date

PROJECT NO.	23-0130
DATE	03/08/2025
SCALE	AS SHOWN
DESIGNED BY	ASA
DRAWN BY	ASA
CHECKED BY	ASA
TITLE	CHANNEL GRADING PLAN ENLARGEMENT 2
SHEET NO.	

C3.1

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SITE DATA:

PROPERTY INFORMATION:

CULVERT IMPROVEMENT AREAS: 2228 DRIFTWOOD ROAD, 9291 BANNER ELK ROAD, 2373 GLENGERRIE DRIVE, DOCKSIDE AT GENEVA TRAIL, DOCKSIDE DRIVE AT HIXSON PIKE, 918 OLD HIXSON PIKE, 2304 PINEWAY TRAIL, 2123 COLLINS LANE

CLIENT:

CITY OF LAKESITE
KIRSTEN ERT ACUFF
9201 ROCKY POINT ROAD
LAKESITE, TN 37379
423-842-2533
KERT@LAKESITETN.GOV

PROJECT ENGINEER:

ASA ENGINEERING & CONSULTING, INC.
201 CHEROKEE BLVD., SUITE 101
CHATTANOOGA, TN 37405
423.805.3700

SURVEY INFORMATION:

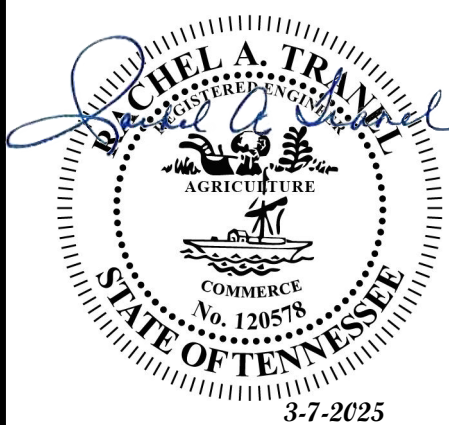
FIELD SURVEY WAS NOT CONDUCTED FOR THE CULVERT REPAIRS/REPLACEMENTS. TOPOGRAPHIC INFORMATION SHOWN IS REPRESENTATIVE OF HAMILTON COUNTY GIS CONTOURS.



ENGINEERING & CONSULTING, INC.

201 CHEROKEE BLVD., SUITE 101
CHATTANOOGA, TN 37405
WWW.ASAENGINEERINGINC.COM
423.805.3700

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LAKESITE STORMWATER
IMPROVEMENTS
FOR
CITY OF LAKESITE

No.	Revision/Issue	Date

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PROJECT NO. 23-0130

DATE 03/08/2025

SCALE AS SHOWN

DESIGNED BY ASA

DRAWN BY ASA

CHECKED BY ASA

TITLE

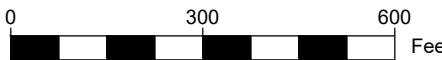
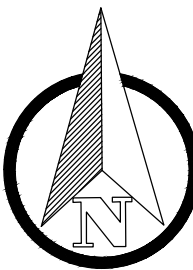
OVERALL CULVERT
REPAIR PLAN

SHEET NO.

C4.0

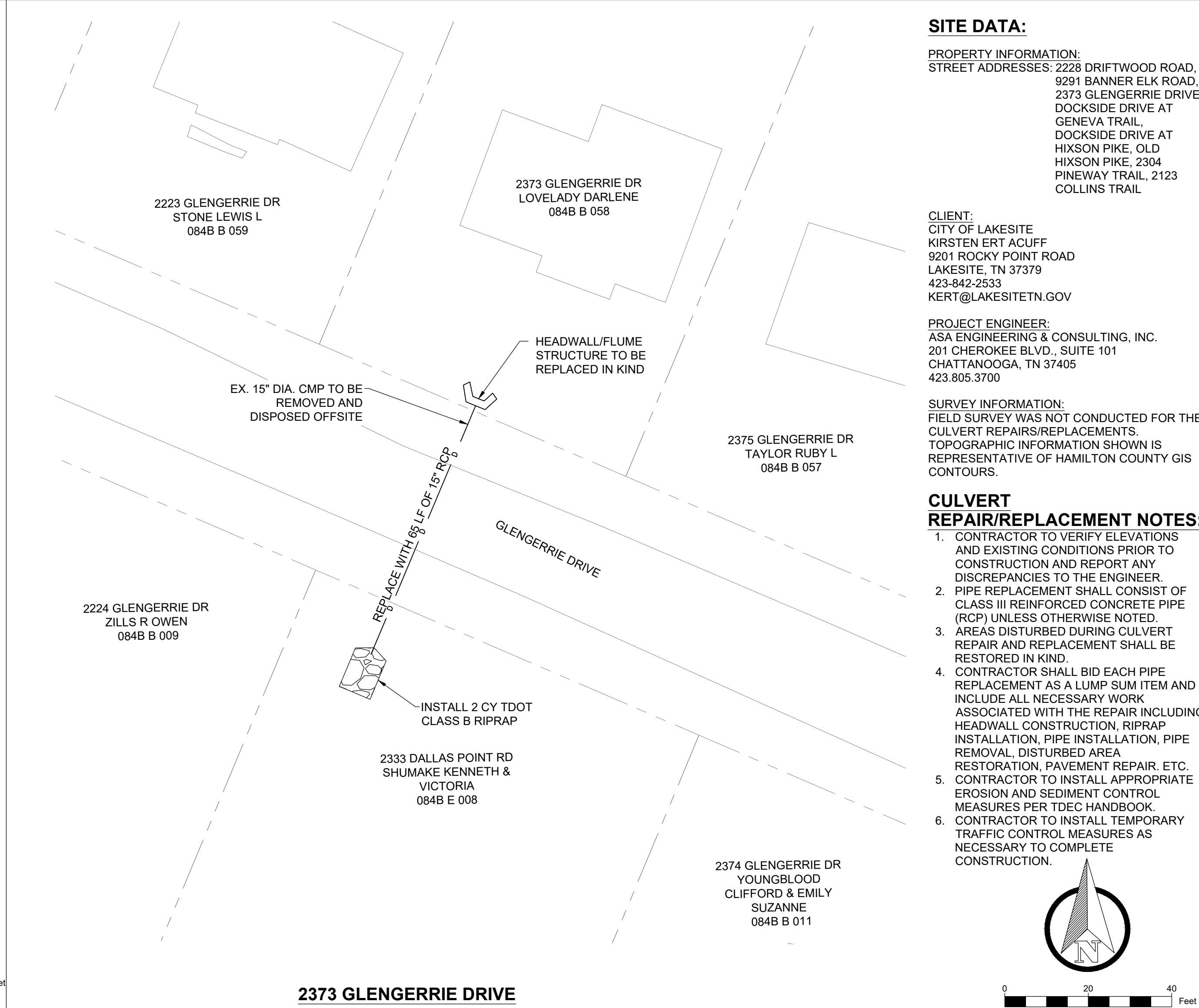
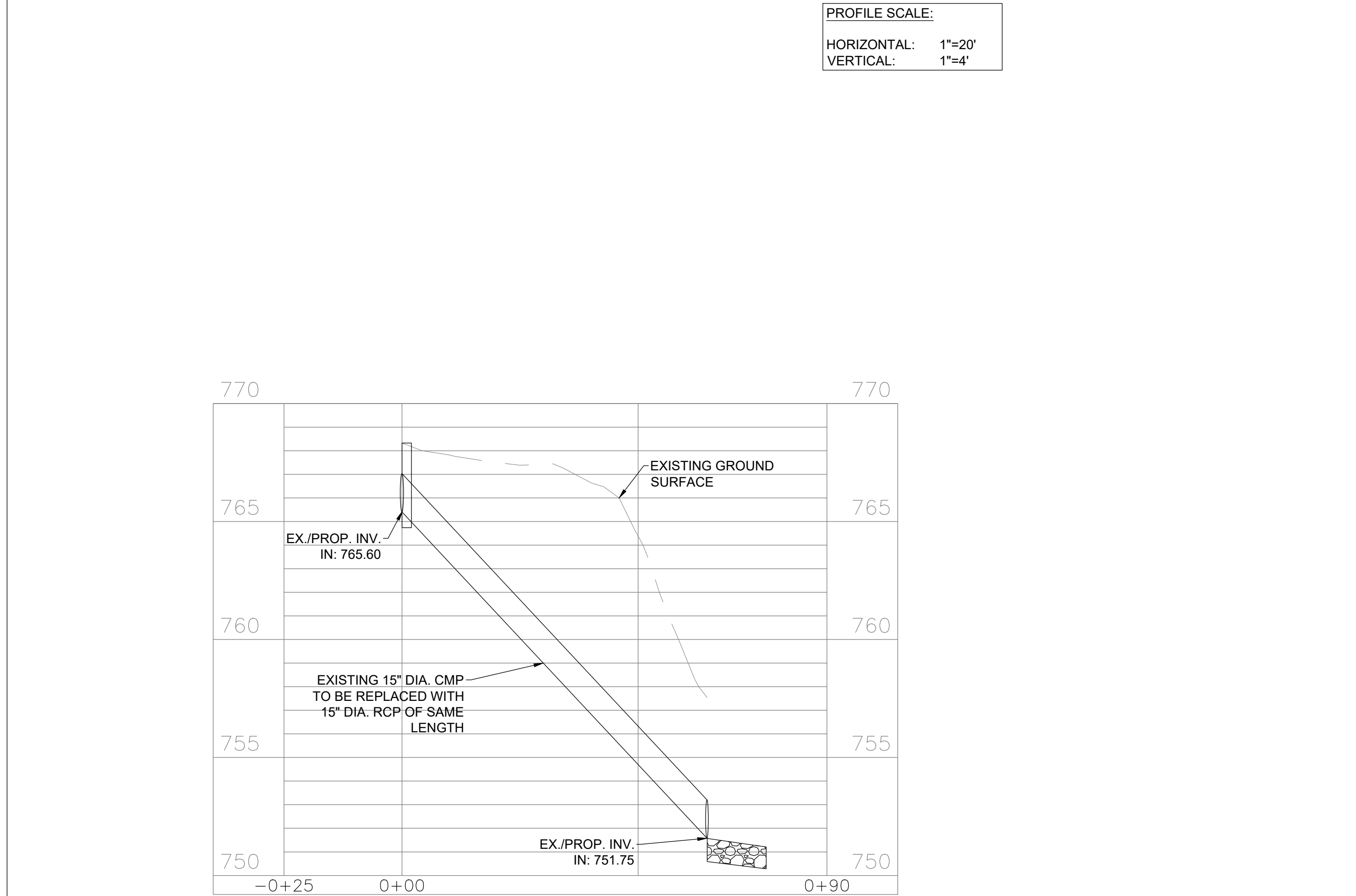
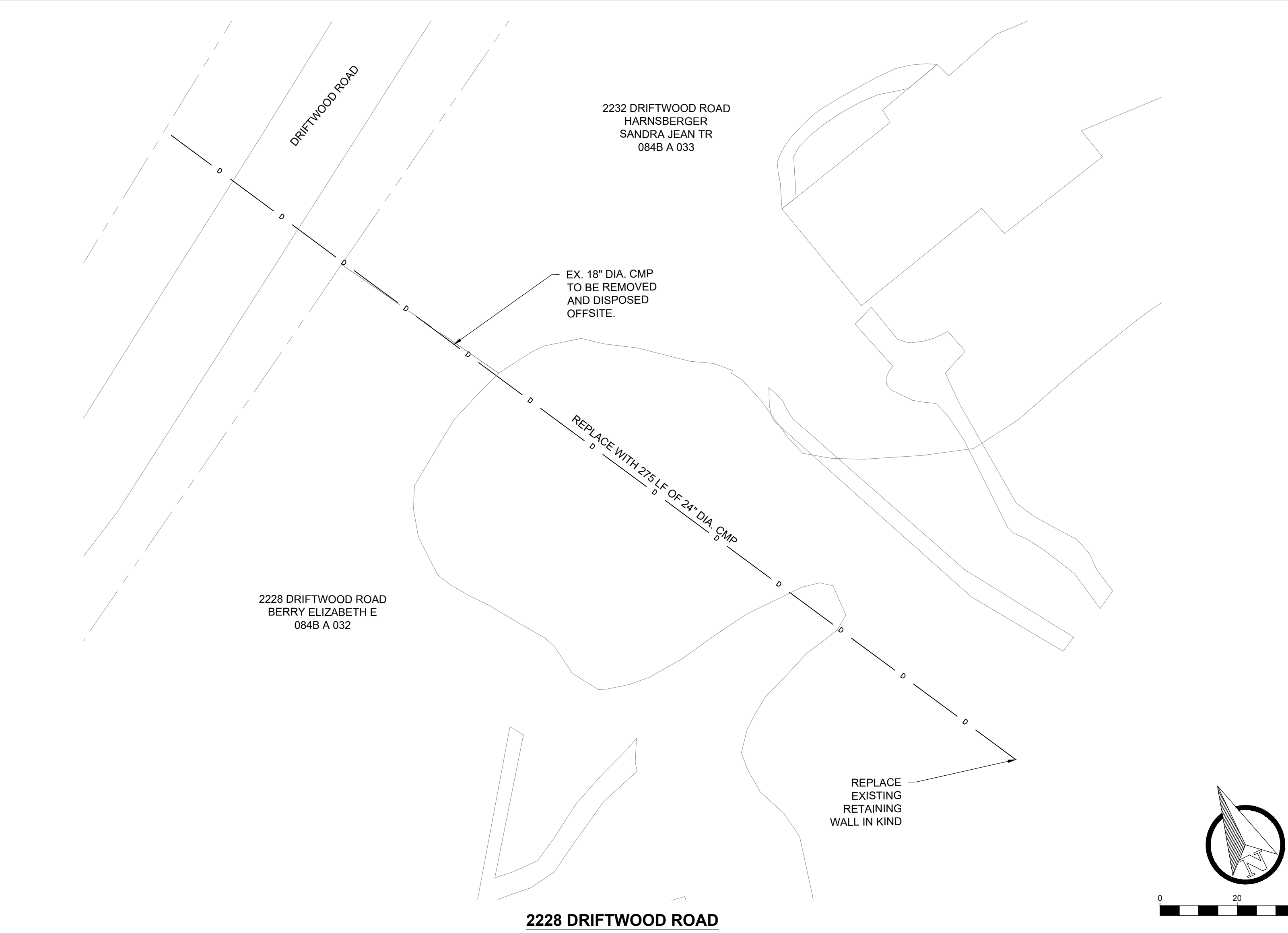
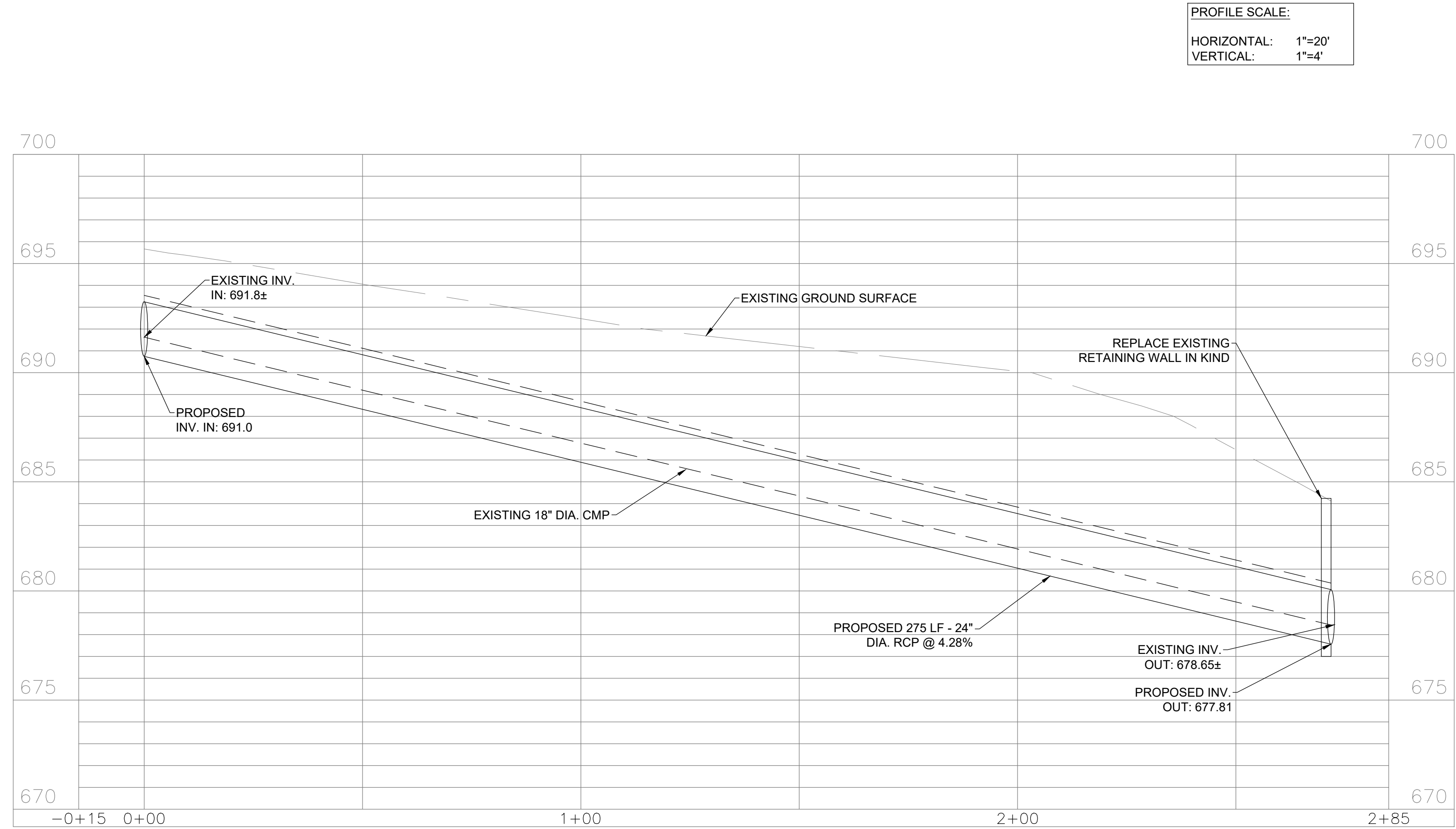


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SITE DATA:

PROPERTY INFORMATION:
STREET ADDRESSES: 2228 DRIFTWOOD ROAD,
9291 BANNER ELK ROAD,
2373 GLENGERRIE DRIVE,
DOCKSIDE DRIVE AT
GENEVA TRAIL,
DOCKSIDE DRIVE AT
HIXSON PIKE, OLD
HIXSON PIKE, 2304
PINEWAY TRAIL, 2123
COLLINS TRAIL

CLIENT:
CITY OF LAKESITE
KIRSTEN ERT ACUFF
9201 ROCKY POINT ROAD
LAKE SITE, TN 37379
423-842-2533
KERT@LAKESITE.TN.GOV

PROJECT ENGINEER:
ASA ENGINEERING & CONSULTING, INC.
201 CHEROKEE BLVD., SUITE 101
CHATTANOOGA, TN 37405
423-805-3700

SURVEY INFORMATION:
FIELD SURVEY WAS NOT CONDUCTED FOR THE
CULVERT REPAIRS/REPLACEMENTS.
TOPOGRAPHIC INFORMATION SHOWN IS
REPRESENTATIVE OF HAMILTON COUNTY GIS
CONTOURS.

CULVERT REPAIR/REPLACEMENT NOTES:

- CONTRACTOR TO VERIFY ELEVATIONS
AND EXISTING CONDITIONS PRIOR TO
CONSTRUCTION AND REPORT ANY
DISCREPANCIES TO THE ENGINEER.
- PIPE REPLACEMENT SHALL CONSIST OF
CLASS III REINFORCED CONCRETE PIPE
(RCP) UNLESS OTHERWISE NOTED.
- AREAS DISTURBED DURING CULVERT
REPAIR AND REPLACEMENT SHALL BE
RESTORED IN KIND.
- CONTRACTOR SHALL BID EACH PIPE
REPLACEMENT AS A LUMP SUM ITEM AND
INCLUDE ALL NECESSARY WORK
ASSOCIATED WITH THE REPAIR INCLUDING
HEADWALL CONSTRUCTION, RIPRAP
INSTALLATION, PIPE INSTALLATION, PIPE
REMOVAL, DISTURBED AREA
RESTORATION, PAVEMENT REPAIR, ETC.
- CONTRACTOR TO INSTALL APPROPRIATE
EROSION AND SEDIMENT CONTROL
MEASURES PER TDEC HANDBOOK.
- CONTRACTOR TO INSTALL TEMPORARY
TRAFFIC CONTROL MEASURES AS
NECESSARY TO COMPLETE
CONSTRUCTION.

No.	Revision/Issue	Date

PROJECT NO.	23-0130
DATE	03/08/2025
SCALE	AS SHOWN
DESIGNED BY	ASA
DRAWN BY	ASA
CHECKED BY	ASA
TITLE	

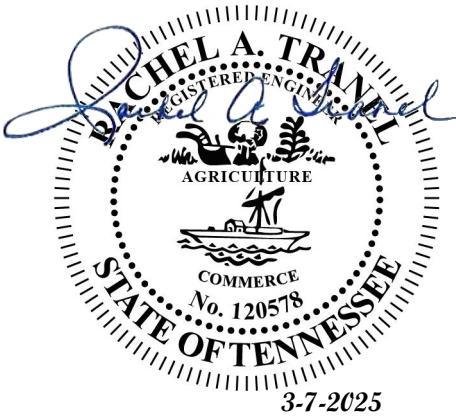
CULVERT REPAIR
PLAN 1

SHEET NO.

C4.1

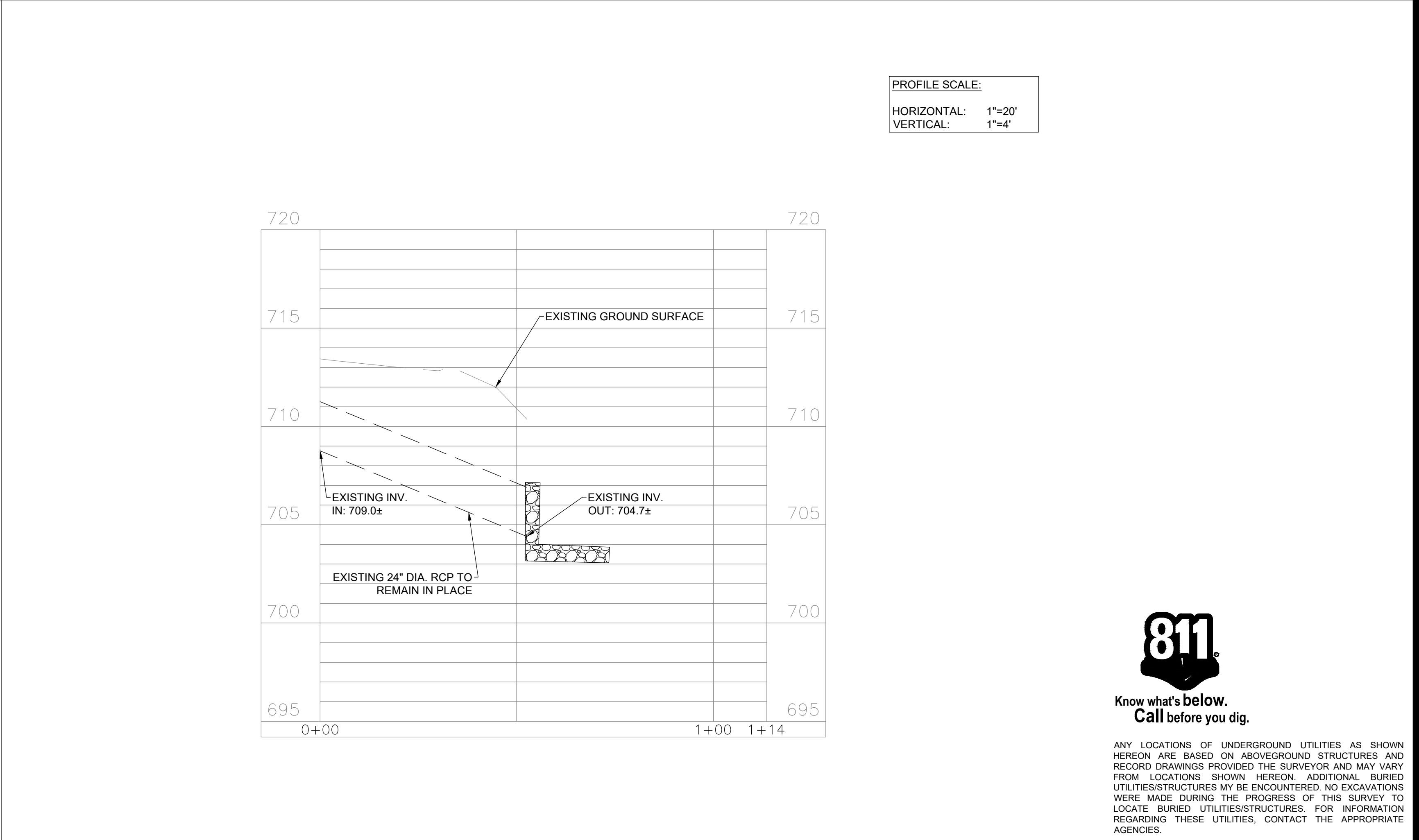
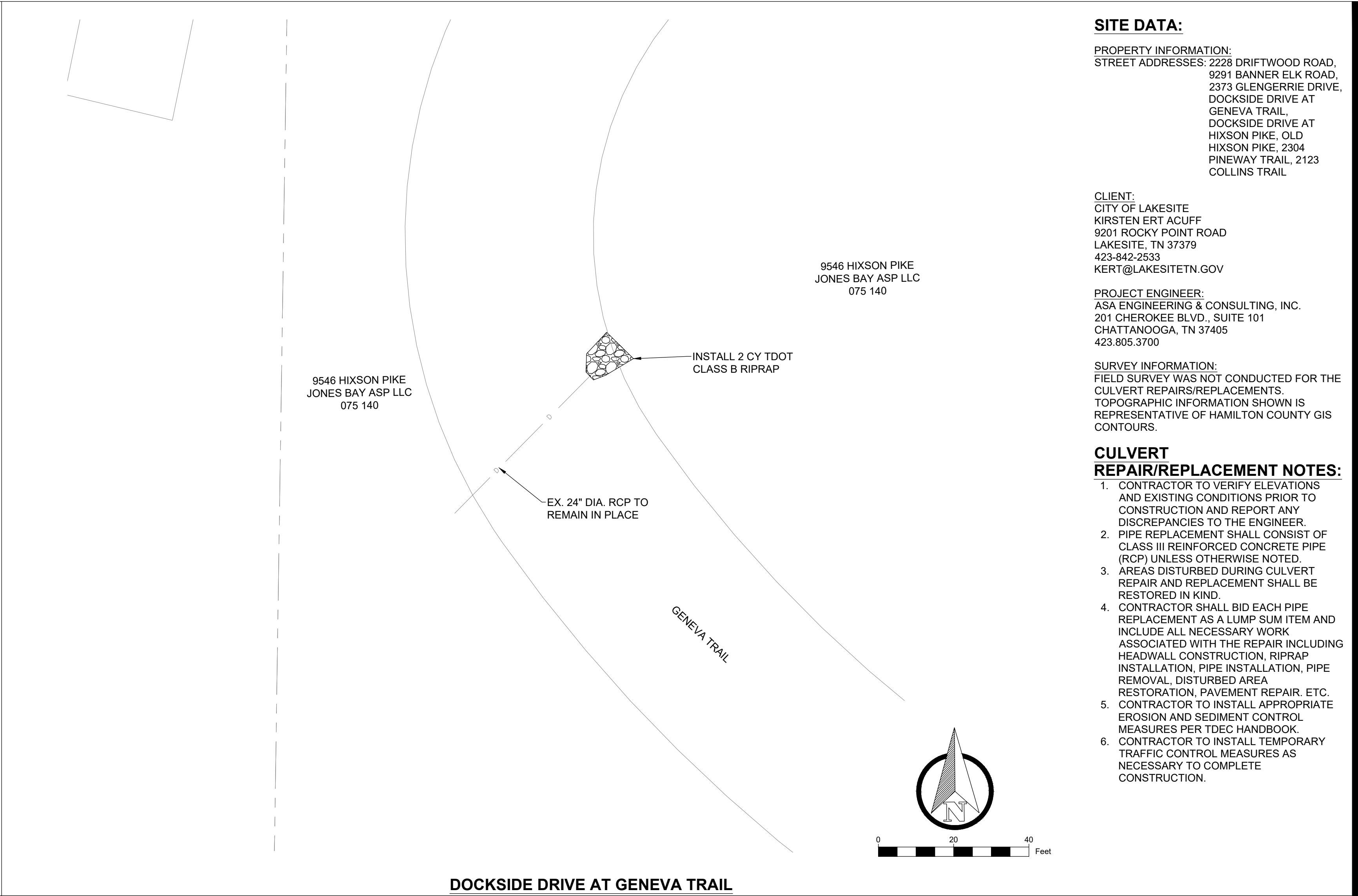
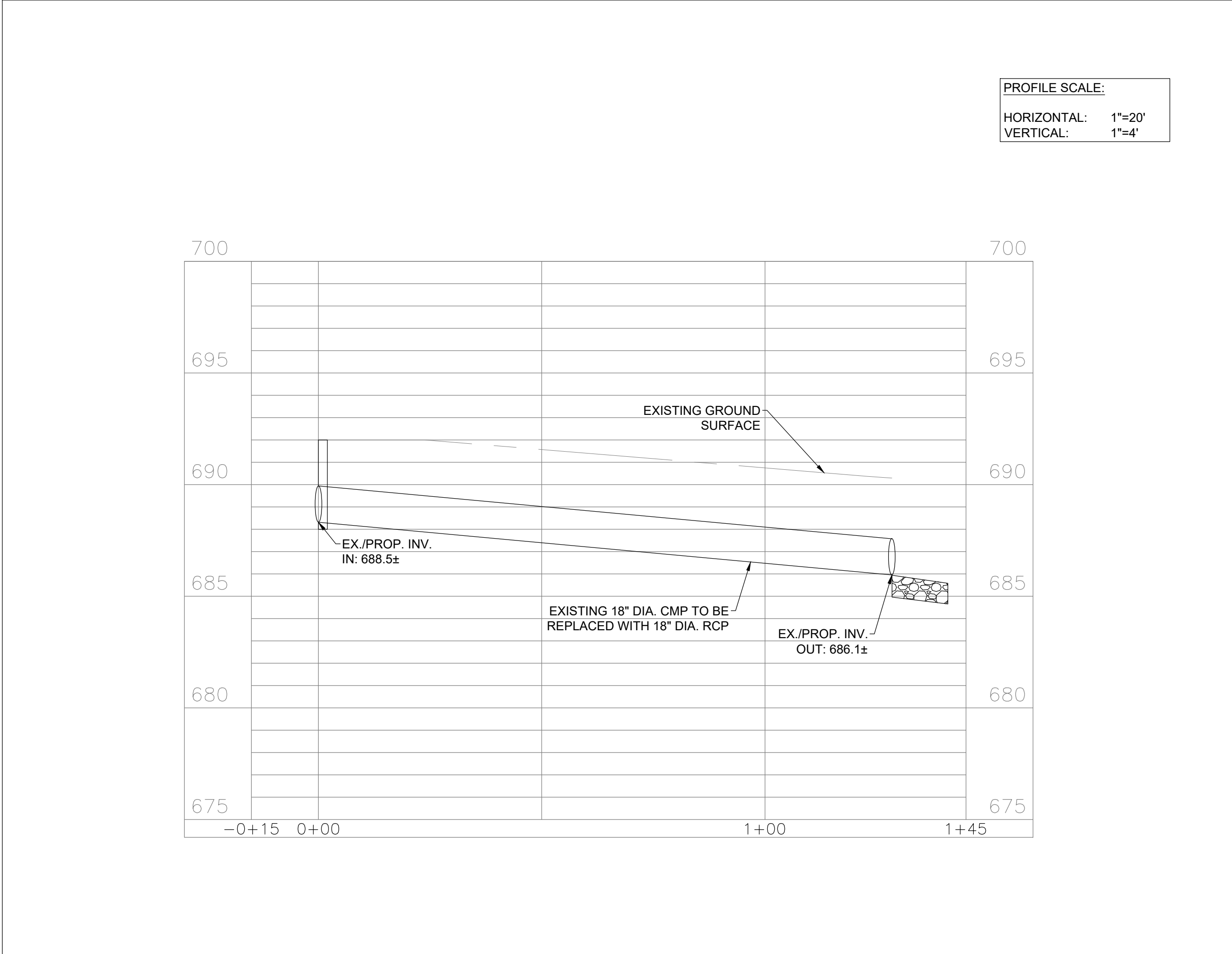
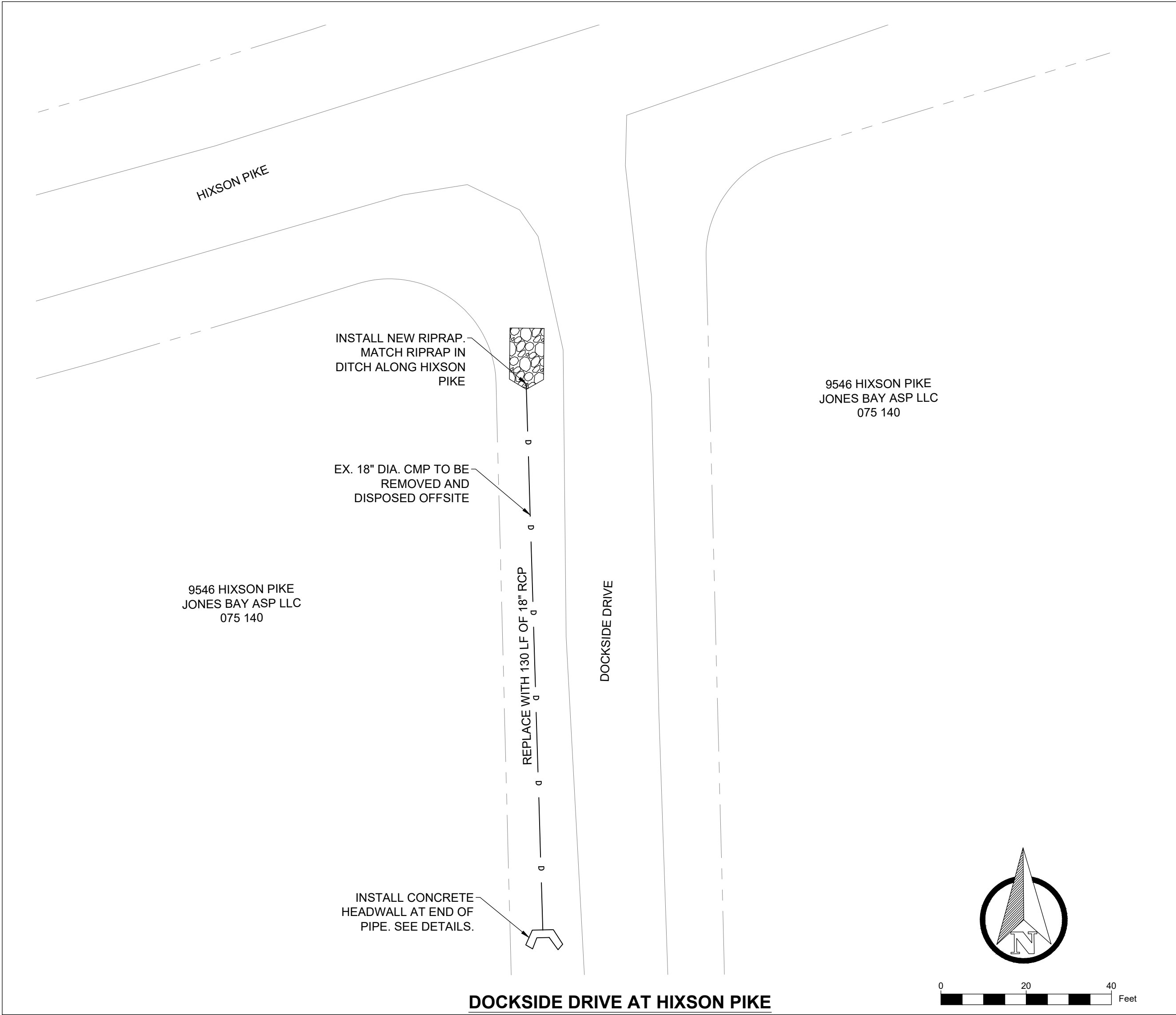
LAKESITE STORMWATER
IMPROVEMENTS
LAKE SITE, TN 37379
FOR
CITY OF LAKESITE

ISSUED FOR
BID



ASA
ENGINEERING & CONSULTING, INC.
201 CHEROKEE BLVD., SUITE 101
CHATTANOOGA, TN 37405
WWW.ASAENGINEERINGINC.COM
423.805.3700

4/23/2019 1:44:04 PM | j:\01_projects\2023\023-0130-city of lakesite stormwater improvements\3-engineering\Civil\Sheets\C3 GRADING PLAN.dwg |



SITE DATA:

PROPERTY INFORMATION:
STREET ADDRESSES: 2228 DRIFTWOOD ROAD,
9291 BANNER ELK ROAD,
2373 GLENGERIE DRIVE,
DOCKSIDE DRIVE AT
GENEVA TRAIL,
DOCKSIDE DRIVE AT
HIXSON PIKE, OLD
HIXSON PIKE, 2304
PINEWAY TRAIL, 2123
COLLINS TRAIL

CLIENT:
CITY OF LAKESITE
KIRSTEN ERT ACUFF
9201 ROCKY POINT ROAD
LAKE SITE, TN 37379
423-842-2533
KERT@LAKESITETN.GOV

PROJECT ENGINEER:
ASA ENGINEERING & CONSULTING, INC.
201 CHEROKEE BLVD., SUITE 101
CHATTANOOGA, TN 37405
423.805.3700

SURVEY INFORMATION:
FIELD SURVEY WAS NOT CONDUCTED FOR THE
CULVERT REPAIRS/REPLACEMENTS.
TOPOGRAPHIC INFORMATION SHOWN IS
REPRESENTATIVE OF HAMILTON COUNTY GIS
CONTOURS.

**CULVERT
REPAIR/REPLACEMENT NOTES:**

1. CONTRACTOR TO VERIFY ELEVATIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
2. PIPE REPLACEMENT SHALL CONSIST OF CLASS III REINFORCED CONCRETE PIPE (RCP) UNLESS OTHERWISE NOTED.
3. AREAS DISTURBED DURING CULVERT REPAIR AND REPLACEMENT SHALL BE RESTORED IN KIND.
4. CONTRACTOR SHALL BID EACH PIPE REPLACEMENT AS A LUMP SUM ITEM AND INCLUDE ALL NECESSARY WORK ASSOCIATED WITH THE REPAIR INCLUDING HEADWALL CONSTRUCTION, RIPRAP INSTALLATION, PIPE INSTALLATION, PIPE REMOVAL, DISTURBED AREA RESTORATION, PAVEMENT REPAIR, ETC.
5. CONTRACTOR TO INSTALL APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES PER TDEC HANDBOOK.
6. CONTRACTOR TO INSTALL TEMPORARY TRAFFIC CONTROL MEASURES AS NECESSARY TO COMPLETE CONSTRUCTION.



Know what's below.
Call before you dig.

ANY LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON ABOVEGROUND STRUCTURES AND RECORD DRAWINGS PROVIDED THE SURVEYOR AND MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/STRUCTURES MY BE ENCOUNTERED. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURIED UTILITIES/STRUCTURES. FOR INFORMATION REGARDING THESE UTILITIES, CONTACT THE APPROPRIATE AGENCIES.



ISSUED FOR
BID

LAKESITE STORMWATER
IMPROVEMENTS
LAKE SITE, TN 37379
FOR
CITY OF LAKESITE

No.	Revision/Issue	Date

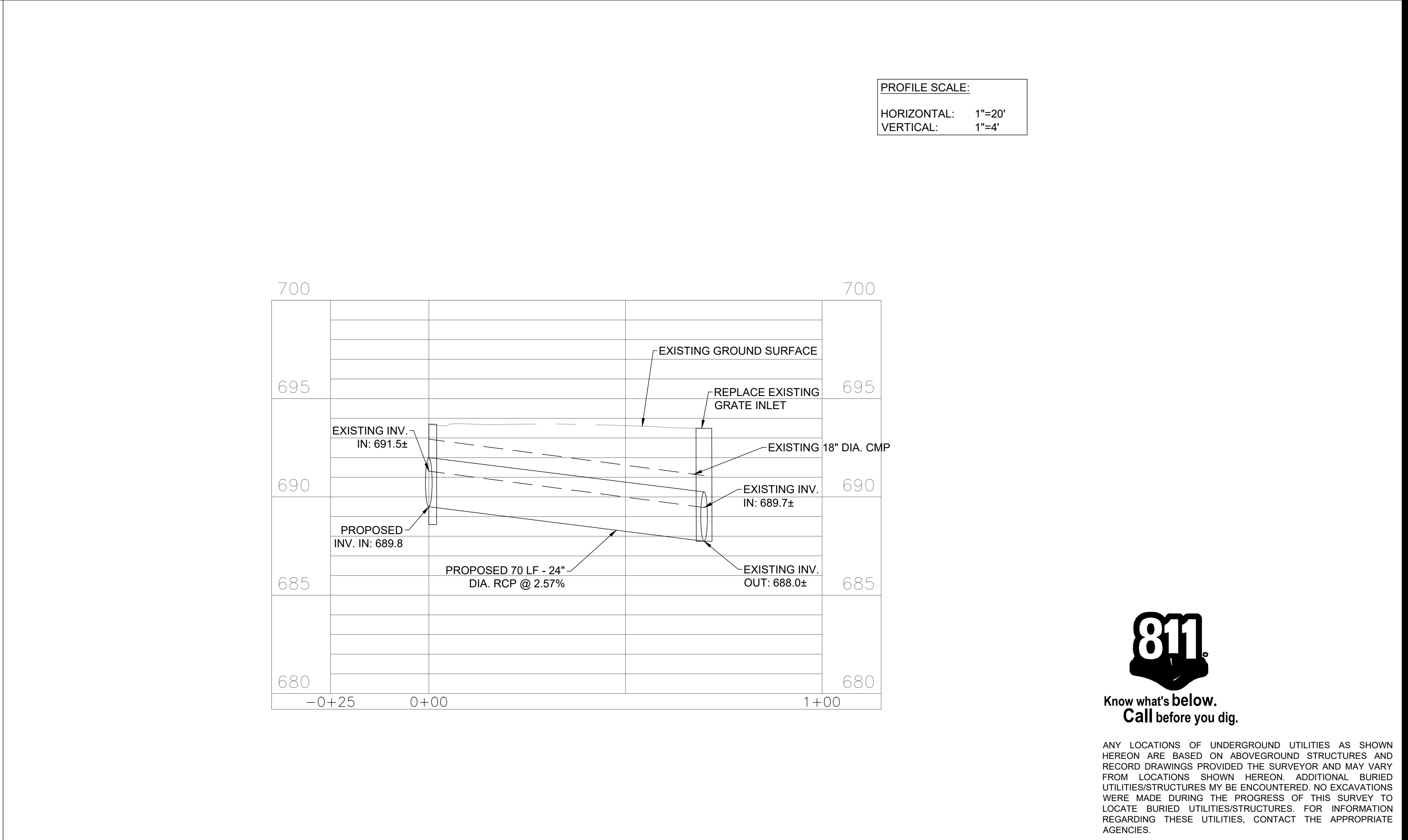
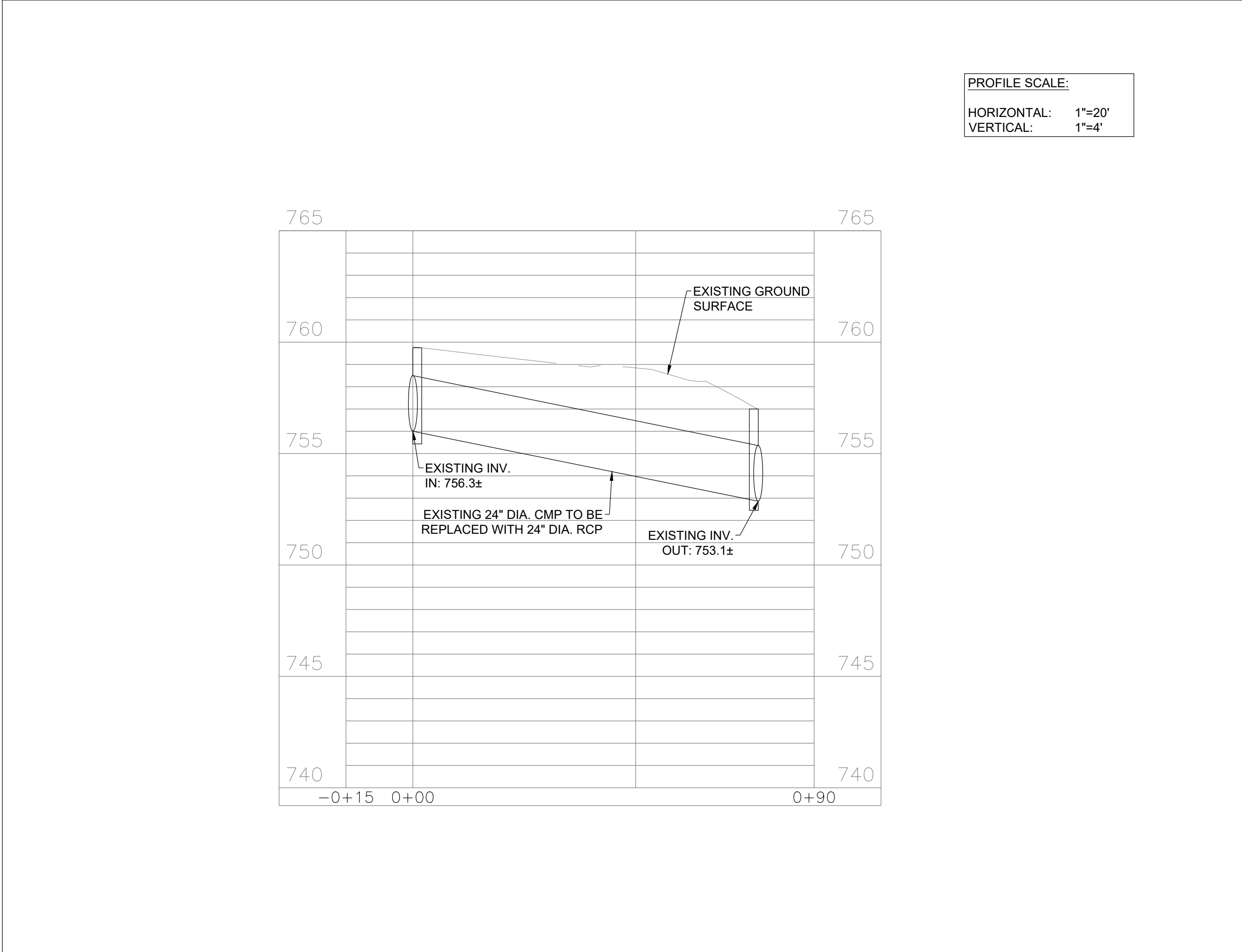
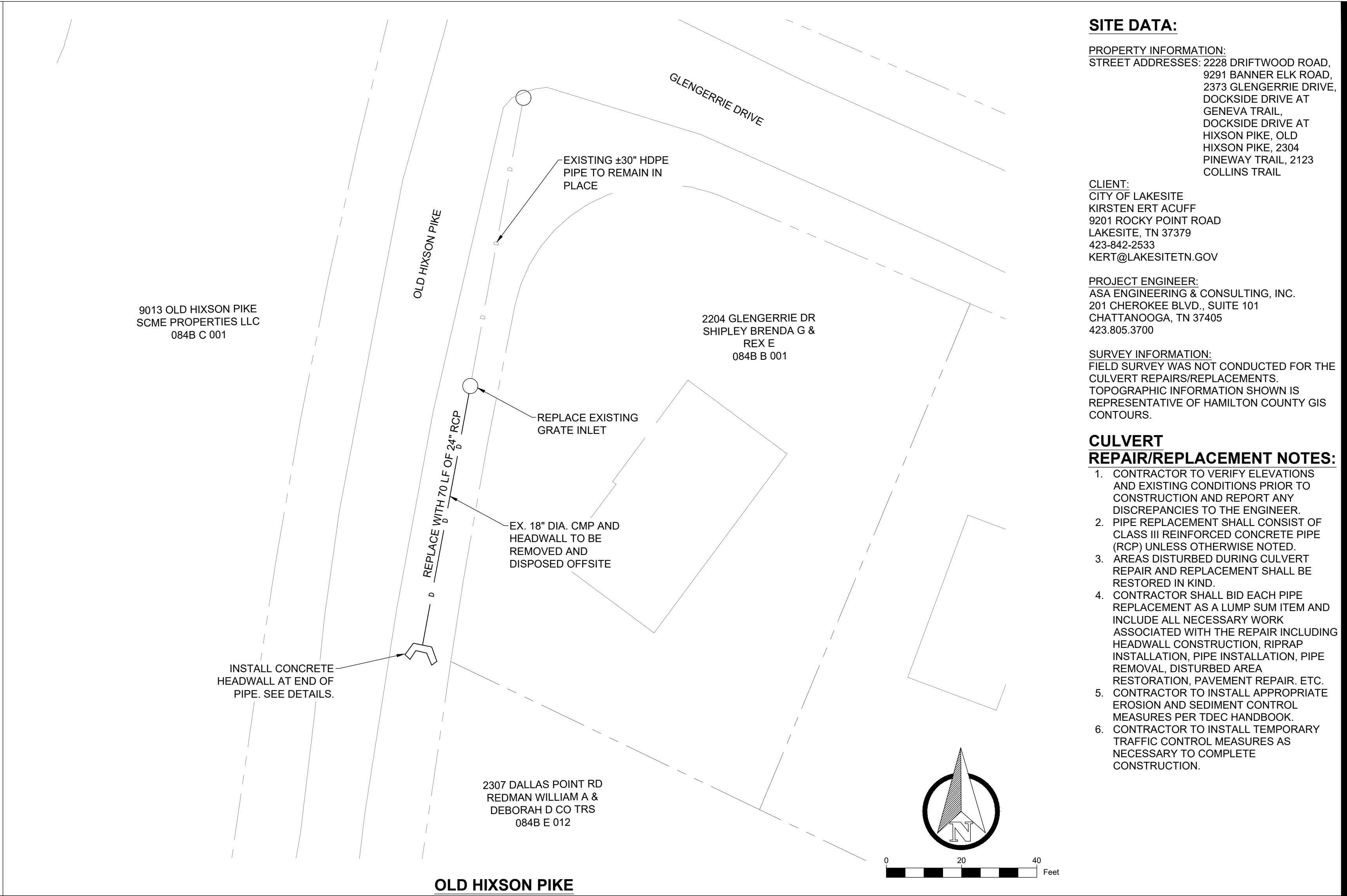
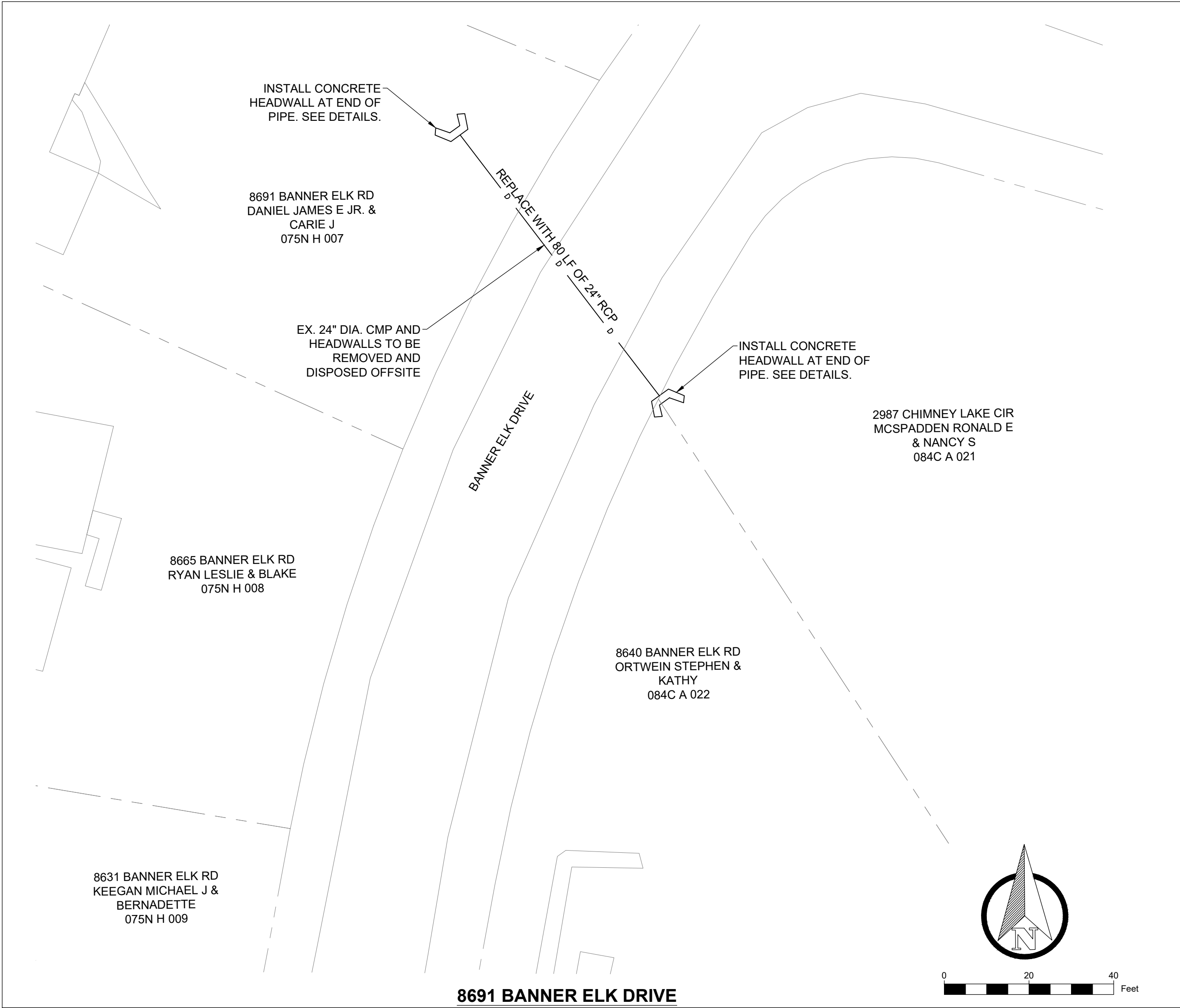
PROJECT NO.	23-0130
DATE	03/08/2025
SCALE	AS SHOWN
DESIGNED BY	ASA
DRAWN BY	ASA
CHECKED BY	ASA
TITLE	

CULVERT REPAIR
PLAN 2

SHEET NO.

C4.2

4/23/2019 1:44:04 PM | j:\01_projects\2023\0130_city of lakesite stormwater improvements\3-engineering\Civil\Sheets\C3 GRADING PLAN.dwg |



SITE DATA:

PROPERTY INFORMATION:
STREET ADDRESSES: 2228 DRIFTWOOD ROAD,
9291 BANNER ELK ROAD,
2373 GLENGERRIE DRIVE,
DOCKSIDE DRIVE AT
GENEVA TRAIL,
DOCKSIDE DRIVE AT
HIXSON PIKE, OLD
HIXSON PIKE, 2304
PINEWAY TRAIL, 2123
COLLINS TRAIL

CLIENT:
CITY OF LAKESITE
KIRSTEN ERT ACUFF
9201 ROCKY POINT ROAD
LAKESITE, TN 37379
423-842-2533
KERT@LAKESITETN.GOV

PROJECT ENGINEER:
ASA ENGINEERING & CONSULTING, INC.
201 CHEROKEE BLVD., SUITE 101
CHATTANOOGA, TN 37405
423.805.3700

SURVEY INFORMATION:
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**LAKESITE STORMWATER
IMPROVEMENTS
FOR
CITY OF LAKESITE**

No.	Revision/Issue	Date

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PROJECT NO.	23-0130
DATE	03/08/2025
SCALE	AS SHOWN
DESIGNED BY	ASA
DRAWN BY	ASA
CHECKED BY	ASA
TITLE	

**CULVERT REPAIR
PLAN 3**

SHEET NO.

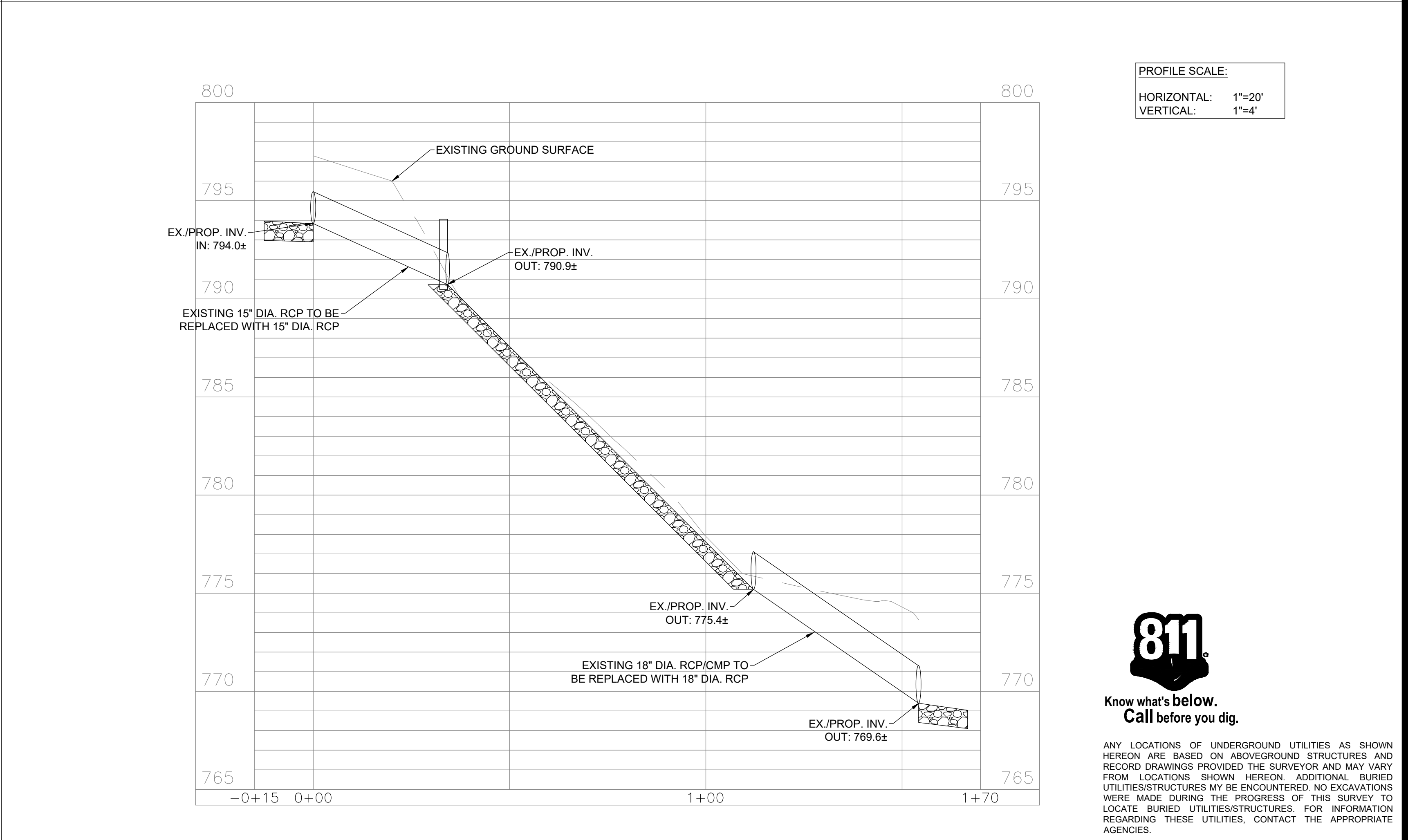
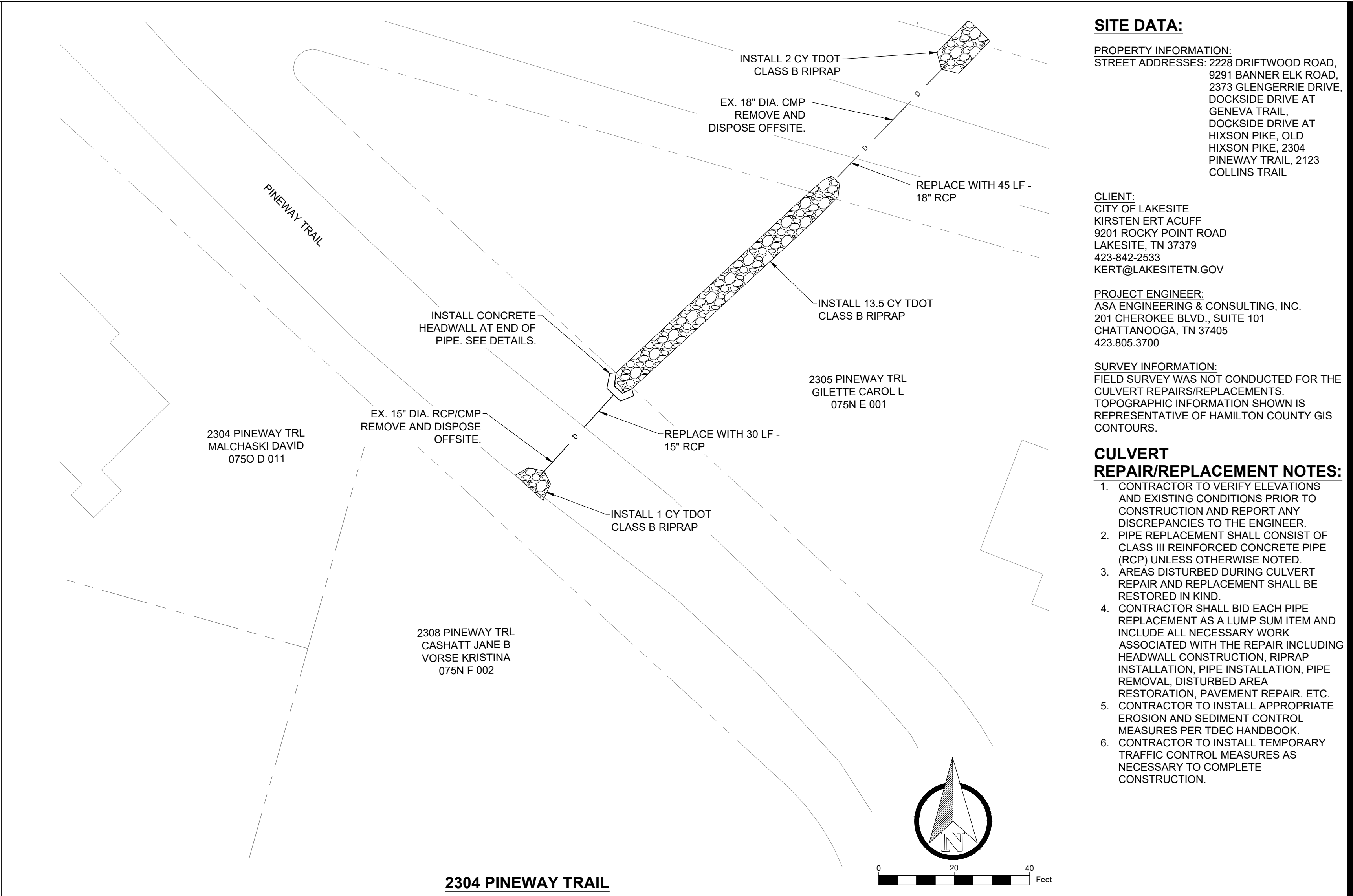
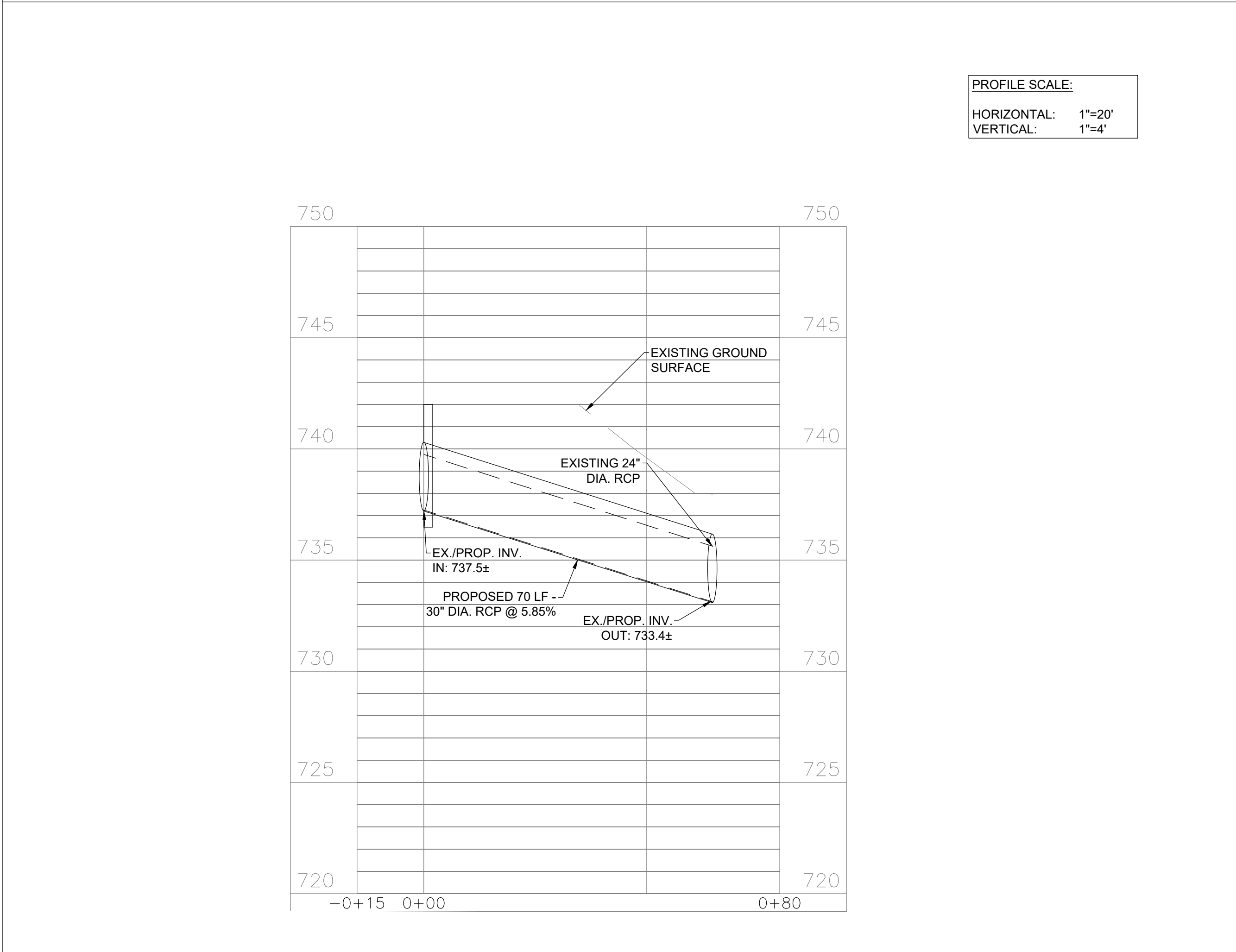
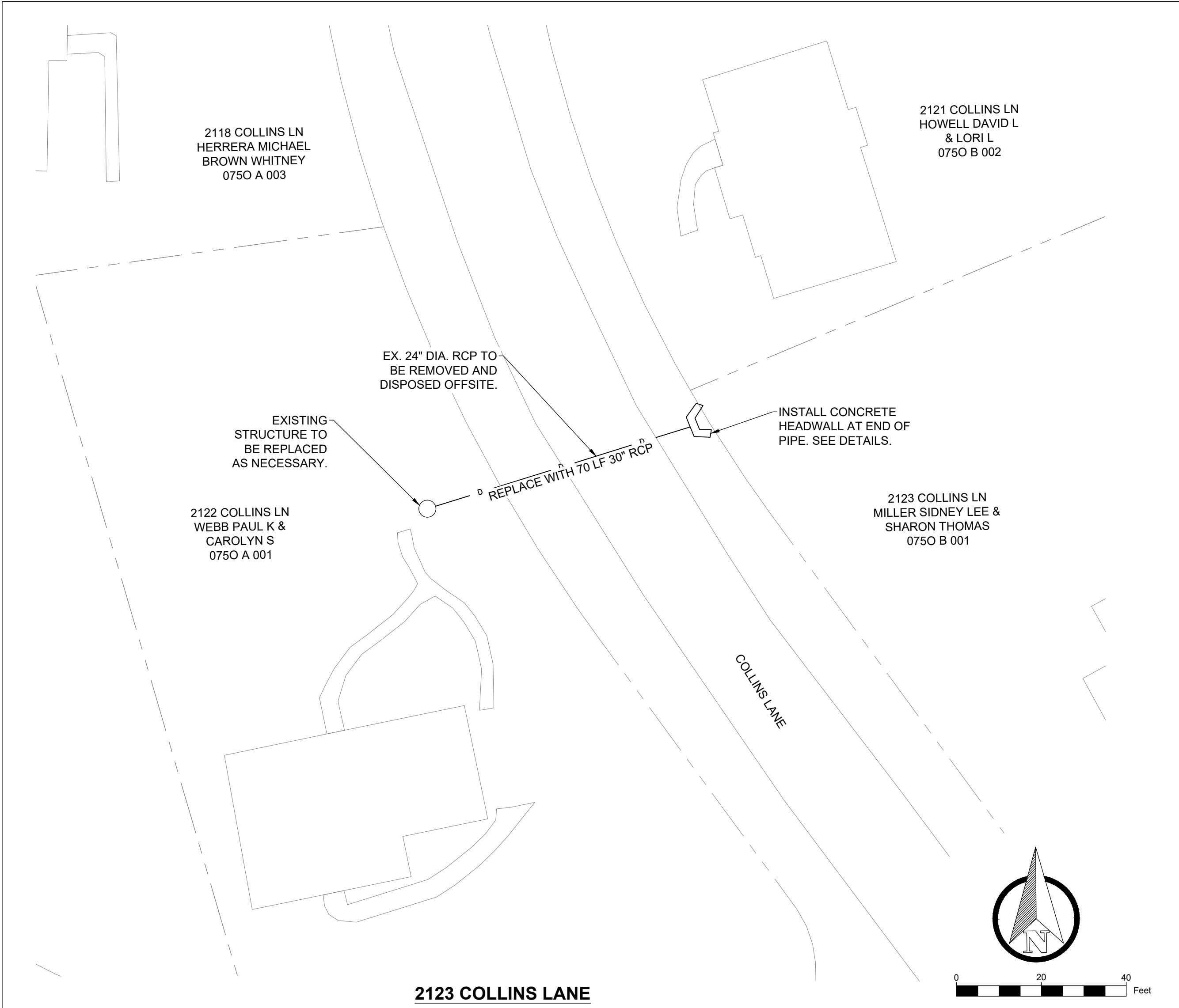
C4.3



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4/23/2019 1:44:04 PM | j:\01_projects\2023\23-0130_city of lakesite stormwater improvements\3-engineering\Civil\Sheets\C3 GRADING PLAN.dwg |



SITE DATA:

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9291 BANNER ELK ROAD,
2373 GLENGERRIE DRIVE,
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GENEVA TRAIL,
DOCKSIDE DRIVE AT
HIXSON PIKE, OLD
HIXSON PIKE, 2304
PINEWAY TRAIL, 2123
COLLINS TRAIL

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KERT@LAKESITETN.GOV

PROJECT ENGINEER:
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201 CHEROKEE BLVD., SUITE 101
CHATTANOOGA, TN 37405
423-805.3700

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MEASURES PER TDEC HANDBOOK.
6. CONTRACTOR TO INSTALL TEMPORARY
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NECESSARY TO COMPLETE
CONSTRUCTION.

PROFILE SCALE:

HORIZONTAL: 1"=20'
VERTICAL: 1"=4'



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LAKESITE STORMWATER
IMPROVEMENTS
LAKEITE, TN 37379
FOR
CITY OF LAKESITE

No.	Revision/Issue	Date

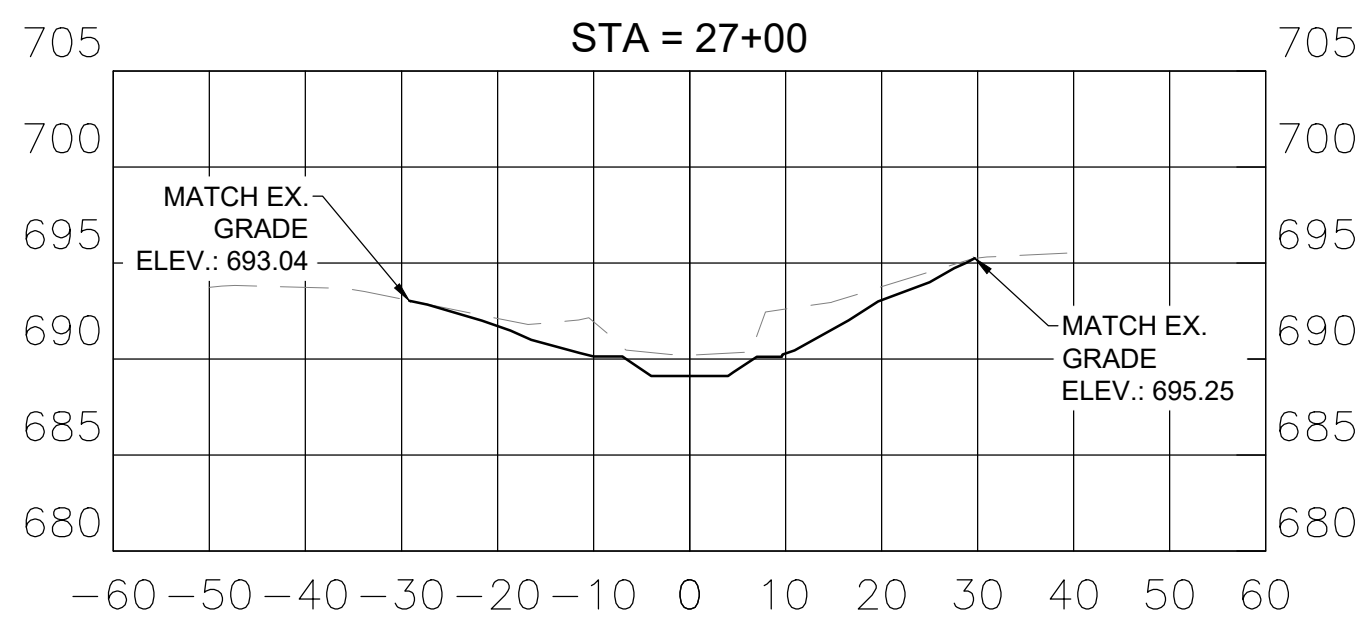
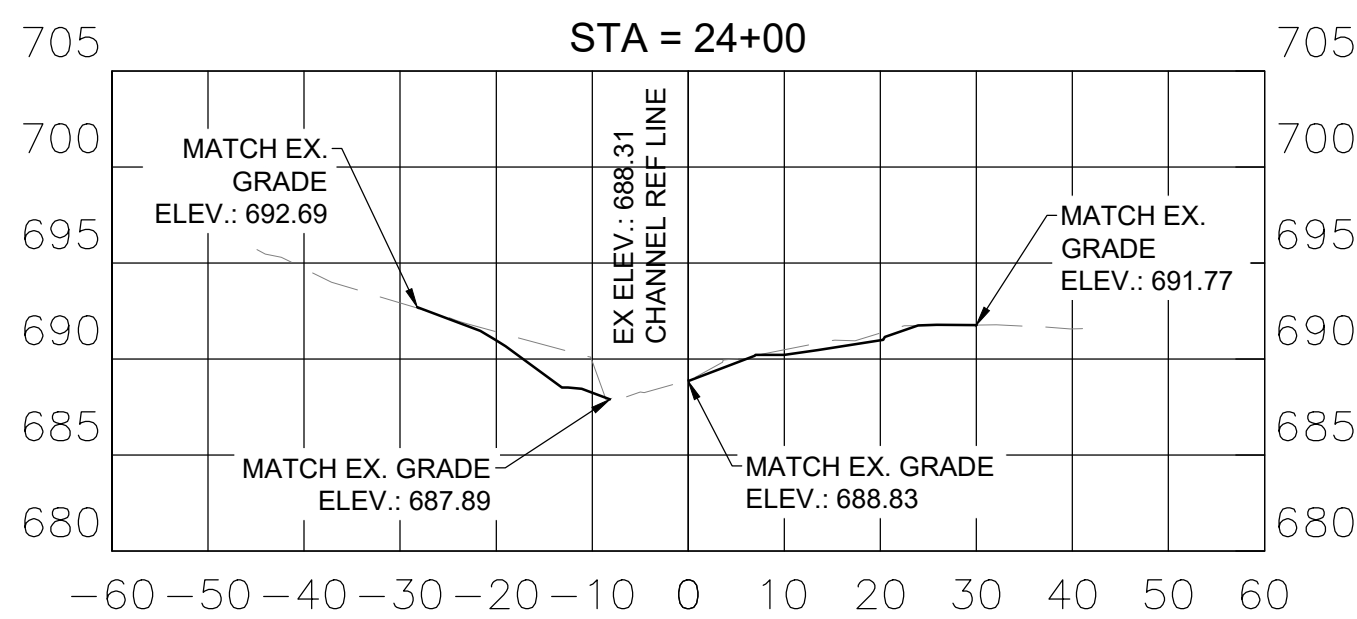
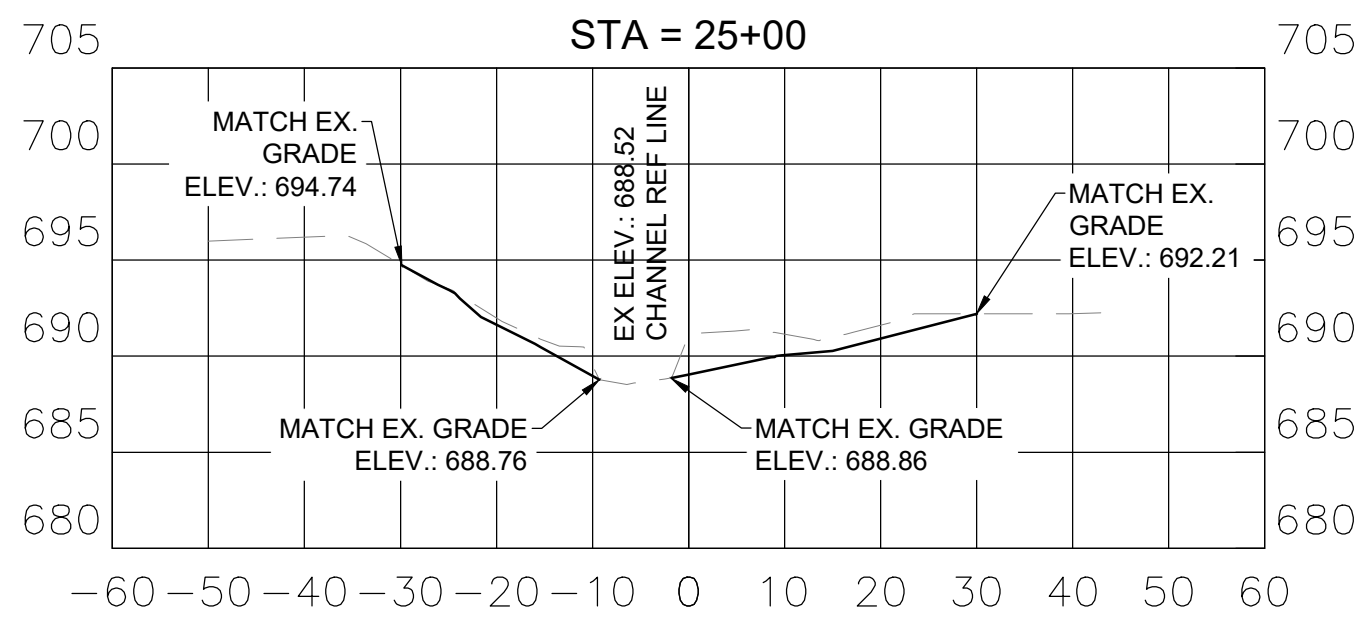
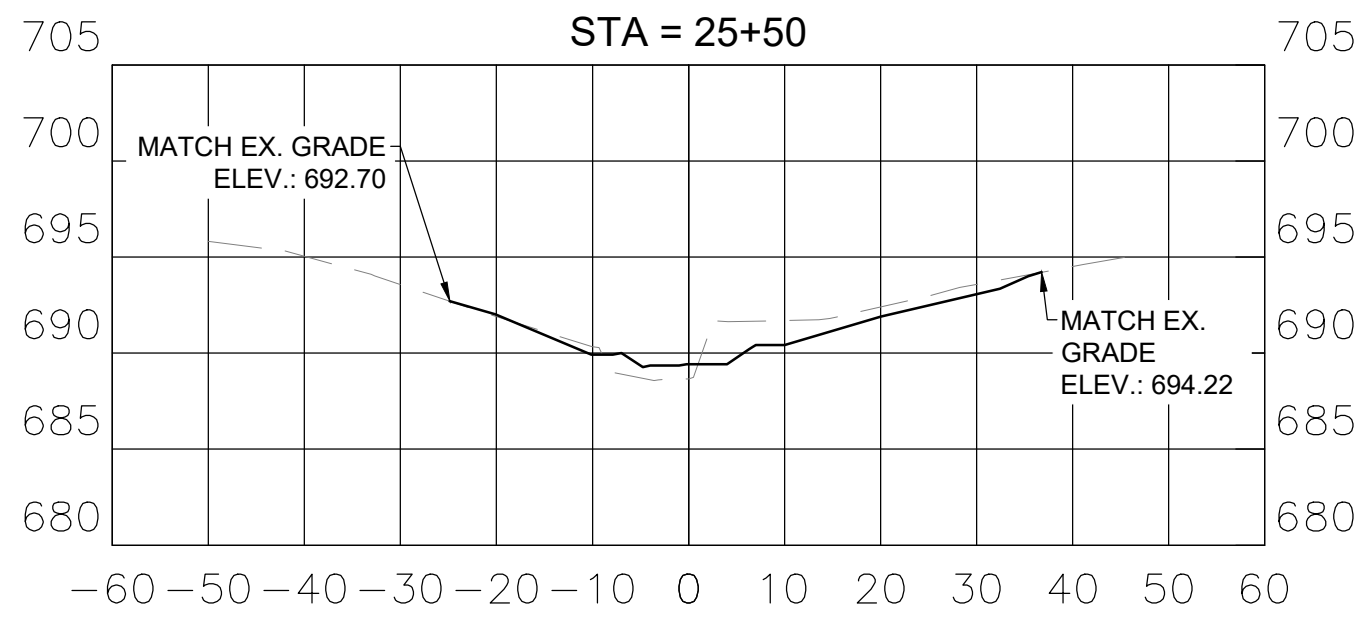
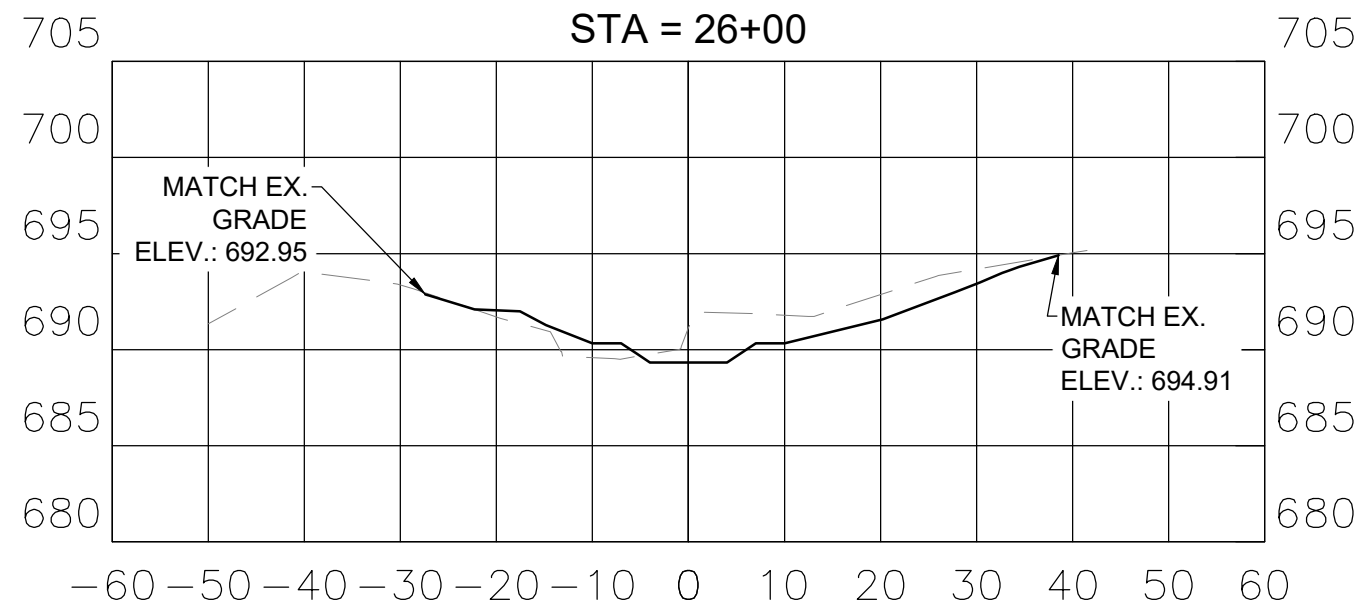
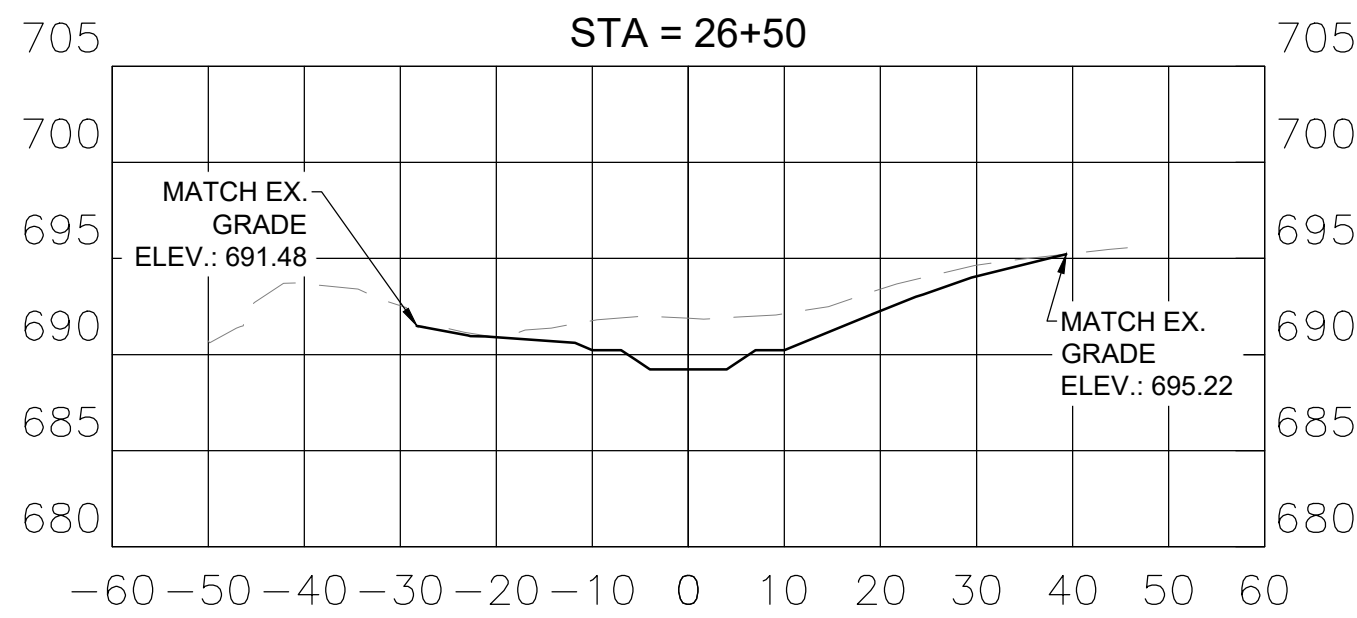
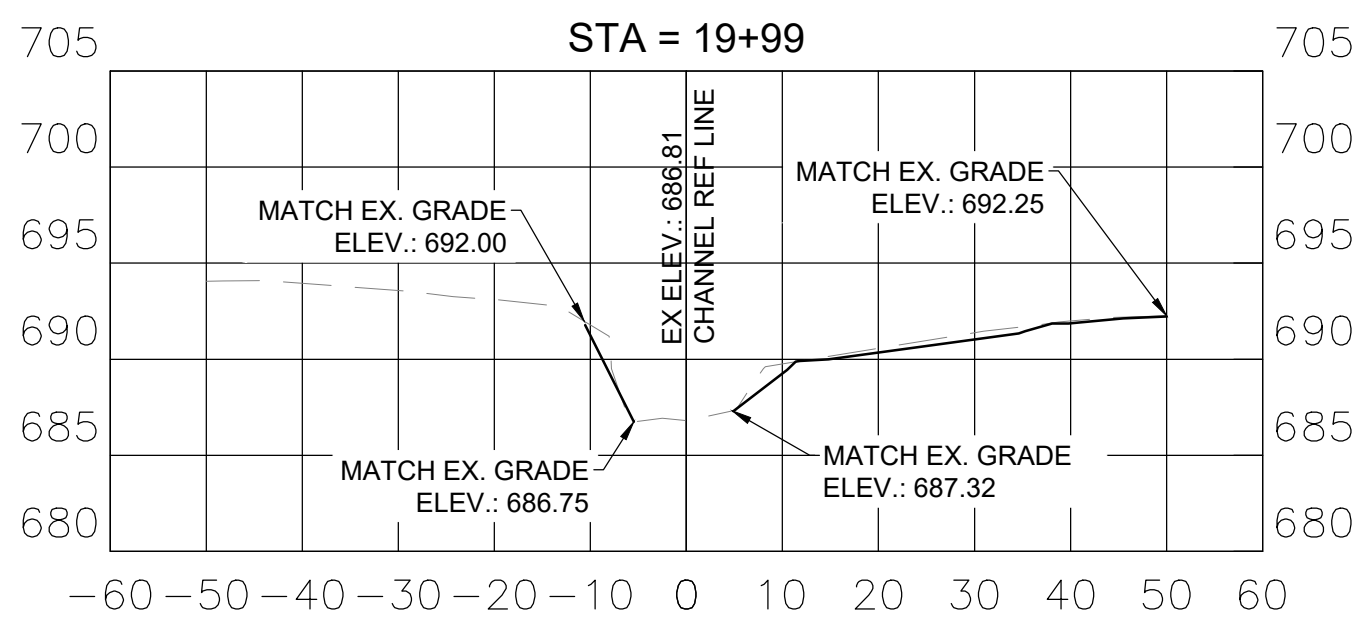
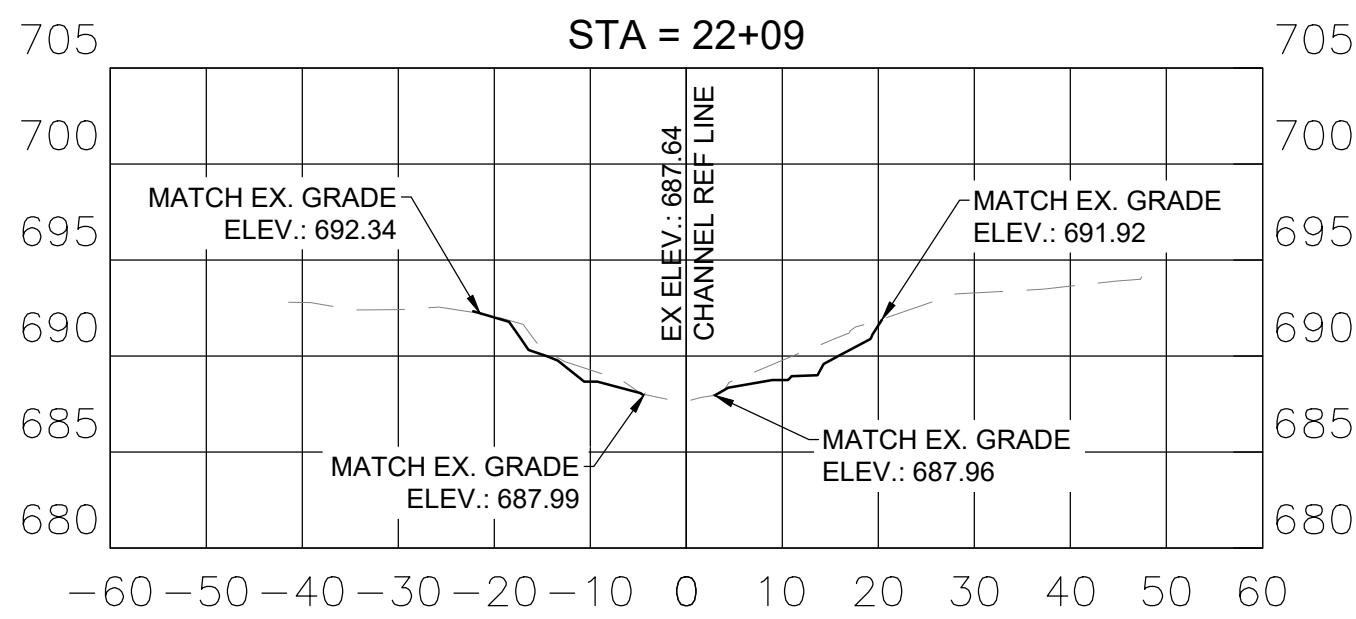
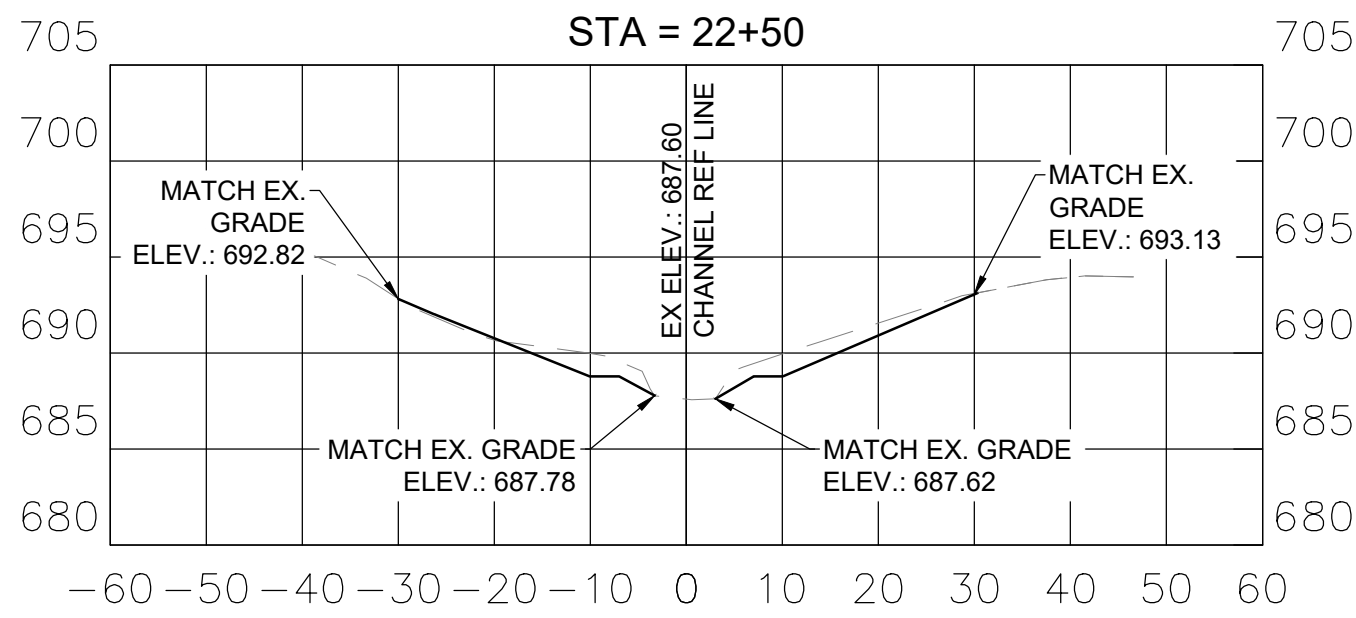
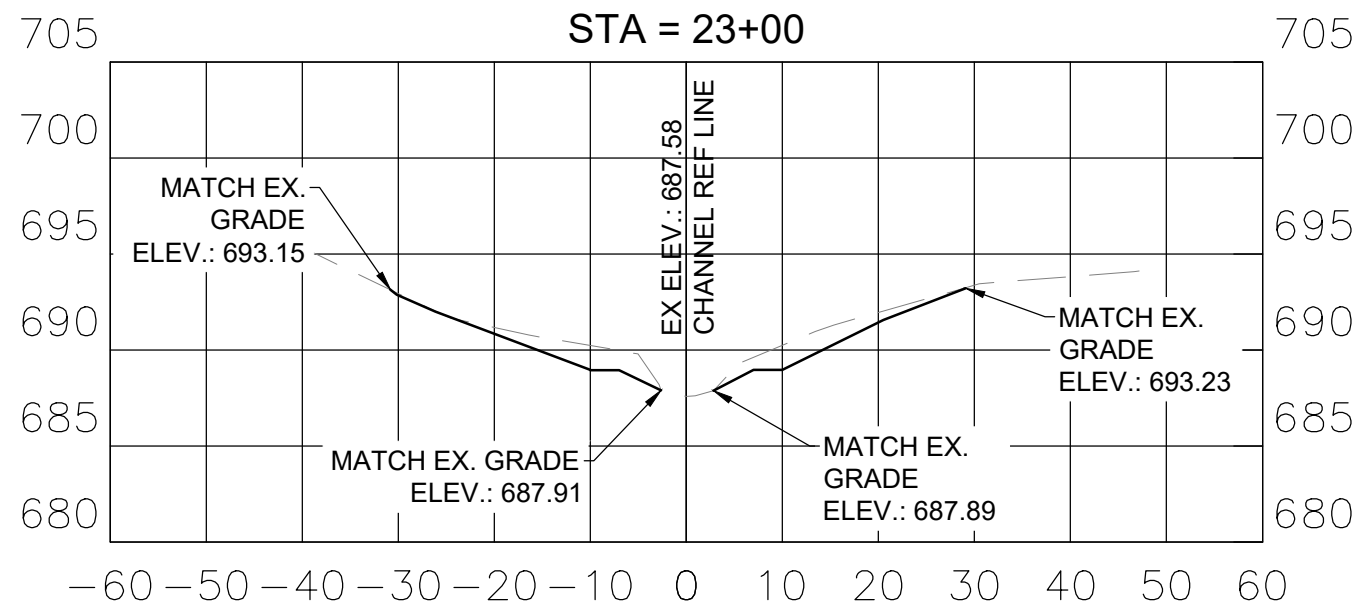
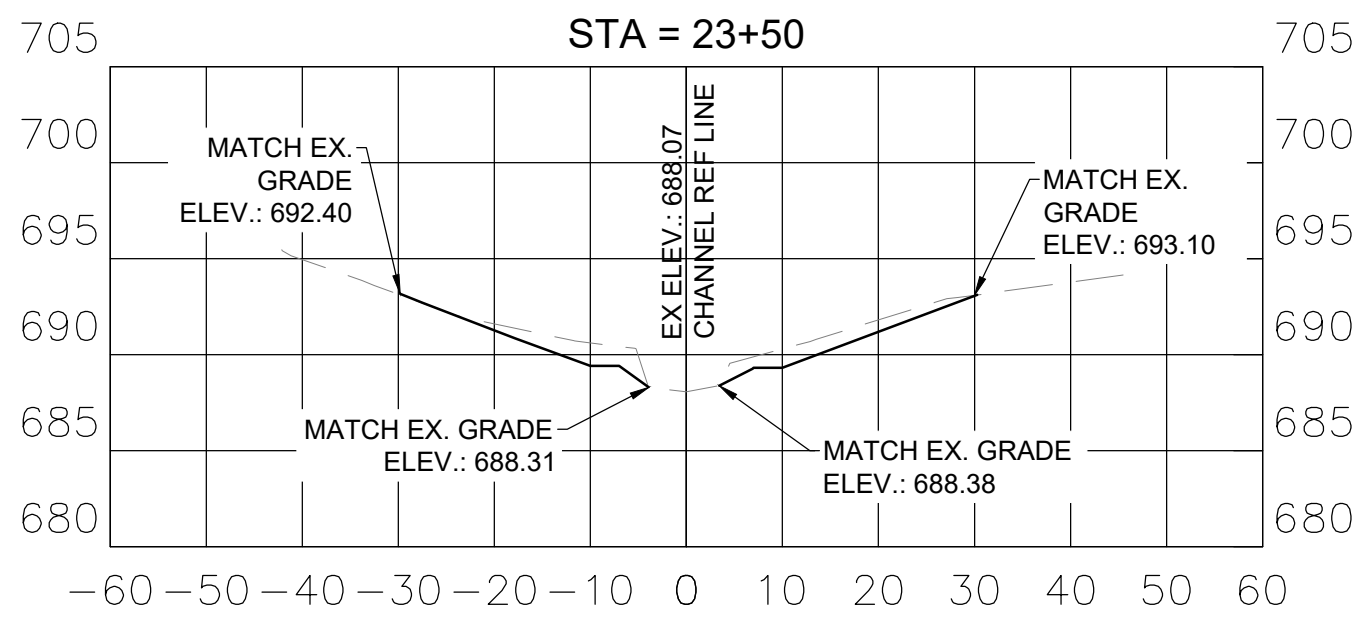
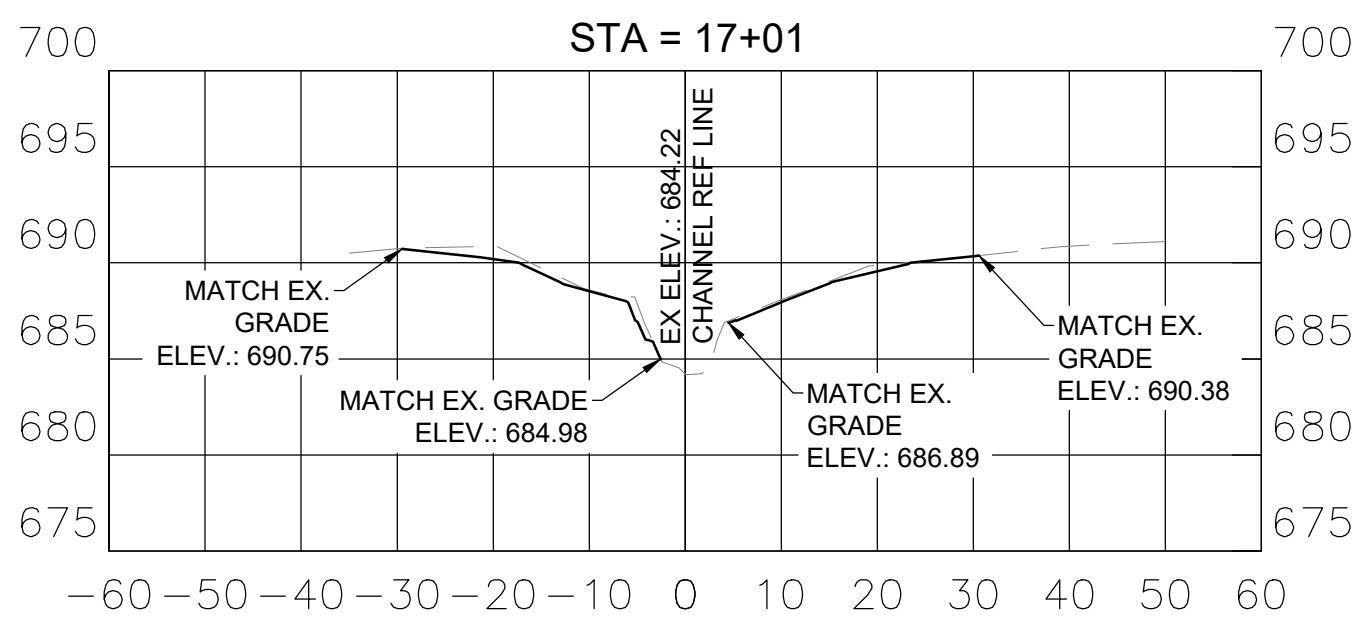
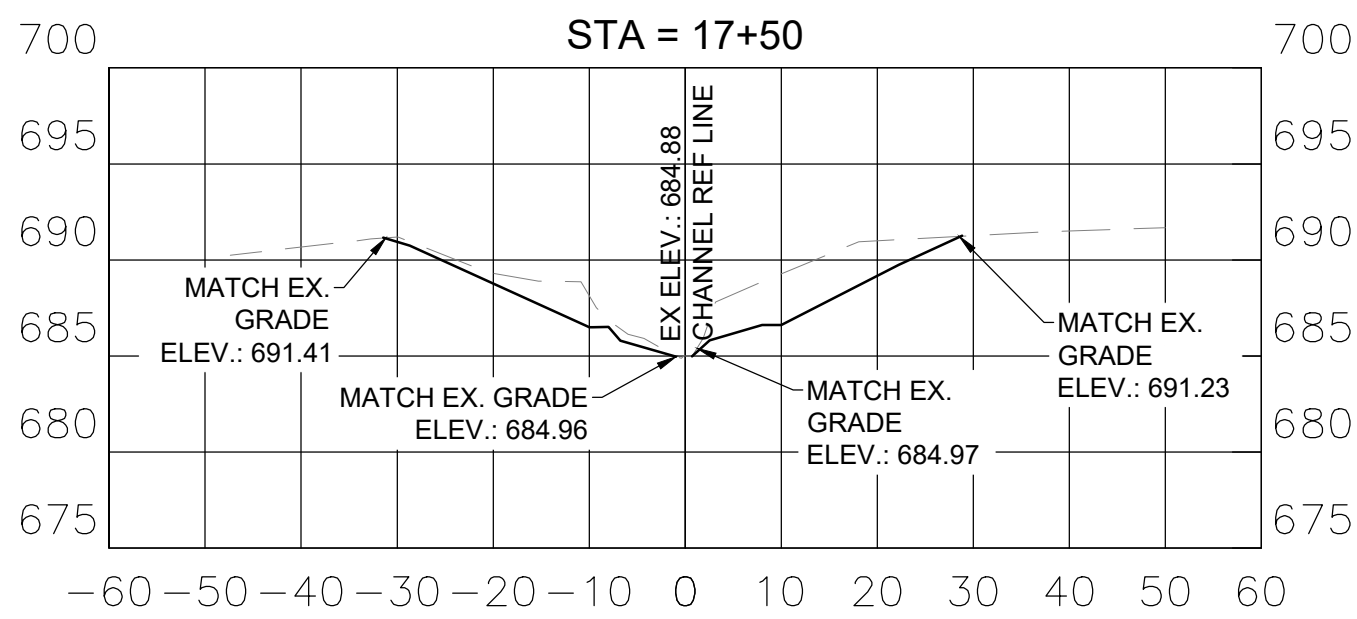
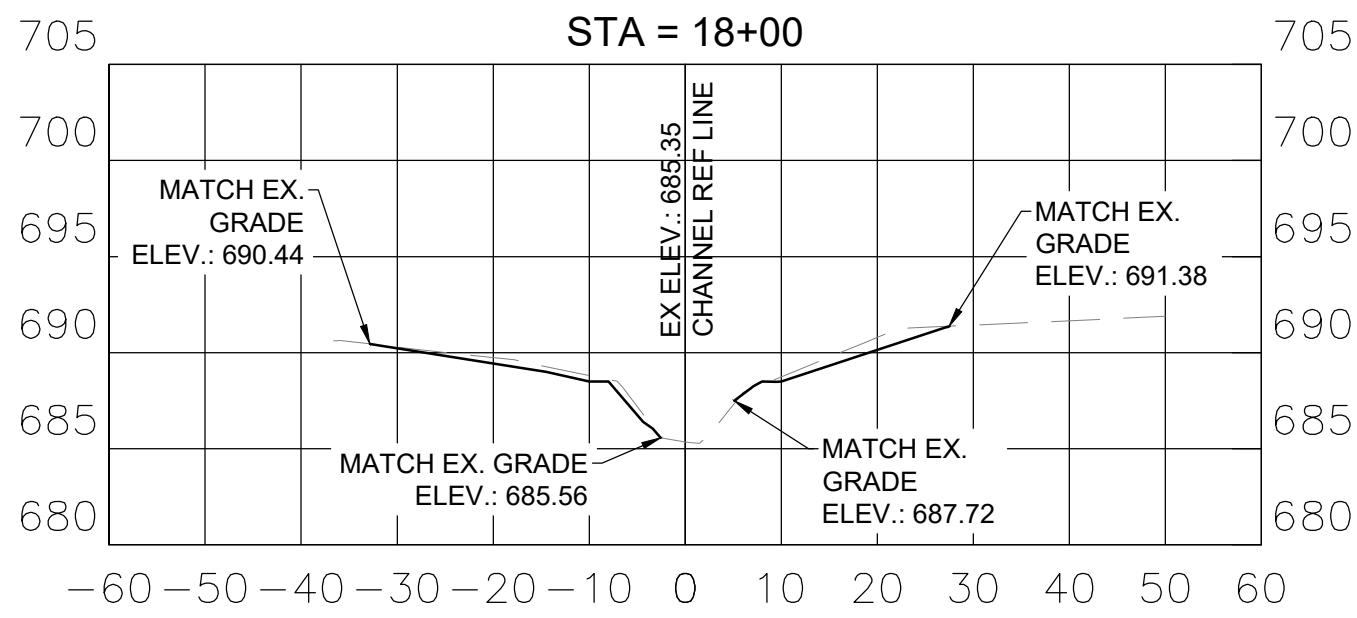
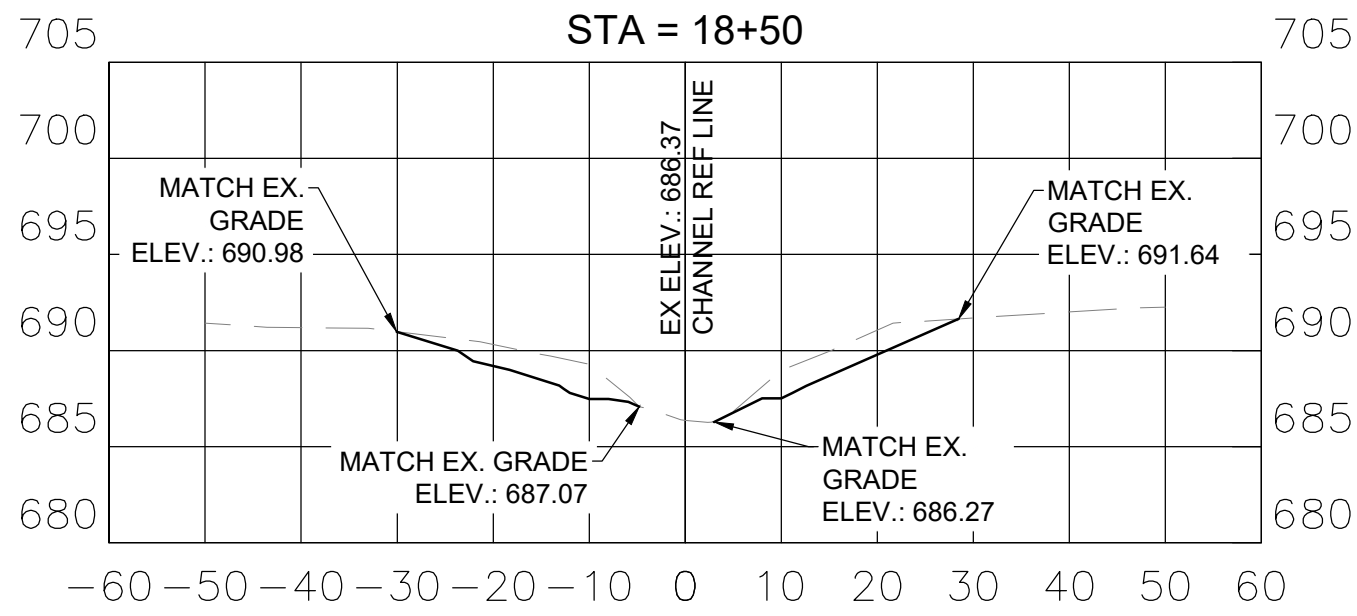
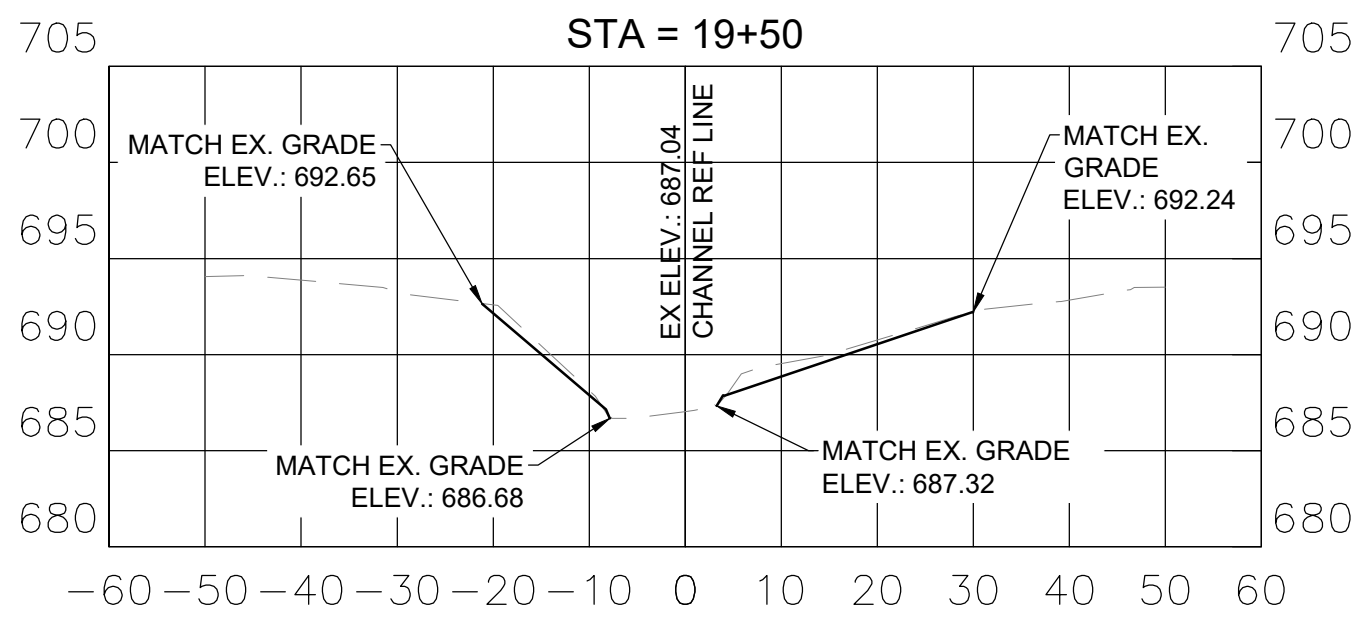
PROJECT NO.	23-0130
DATE	03/08/2025
SCALE	AS SHOWN
DESIGNED BY	ASA
DRAWN BY	ASA
CHECKED BY	ASA
TITLE	

CULVERT REPAIR
PLAN 4

SHEET NO.

C4.4

4/23/2019 1:44:04 PM | j:\01_projects\2023\0130_city of lakesite stormwater improvements\0-engineering\Civil\Sheets\C5 CROSS SECTIONS.dwg |



SITE DATA:

PROPERTY INFORMATION:

CHANNEL IMPROVEMENT AREA: DALLAS LAKE TO HALE ROAD

CLIENT:
CITY OF LAKESITE
KIRSTEN ERT ACUFF
9201 ROCKY POINT ROAD
LAKE SITE, TN 37379
423-842-2533
KERT@LAKESITETN.GOV

PROJECT ENGINEER:
ASA ENGINEERING & CONSULTING, INC.
201 CHEROKEE BLVD., SUITE 101
CHATTANOOGA, TN 37405
423.805.3700

SURVEY INFORMATION:
BOUNDARY AND TOPOGRAPHIC
INFORMATION FOR THE CHANNEL
TAKEN FROM A SURVEY BY ROGER
RIEMER; ASA ENGINEERING &
CONSULTING, INC. IN A DRAWING
NAMED "23-0130 SURVEY.DWG" DATED
FEBRUARY 12, 2024.

PROFILE SCALE:

HORIZONTAL: 1"=20'
VERTICAL: 1"=10'

GENERAL NOTES:

- CHANNEL SIDE SLOPES NOT TO EXCEED 3:1 MAXIMUM SLOPE.



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LAKESITE STORMWATER
IMPROVEMENTS
LAKE SITE, TN 37379
FOR
CITY OF LAKESITE

No.	Revision/Issue	Date

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PROJECT NO. 23-0130

DATE 03/08/2025

SCALE AS SHOWN

DESIGNED BY ASA

DRAWN BY ASA

CHECKED BY ASA

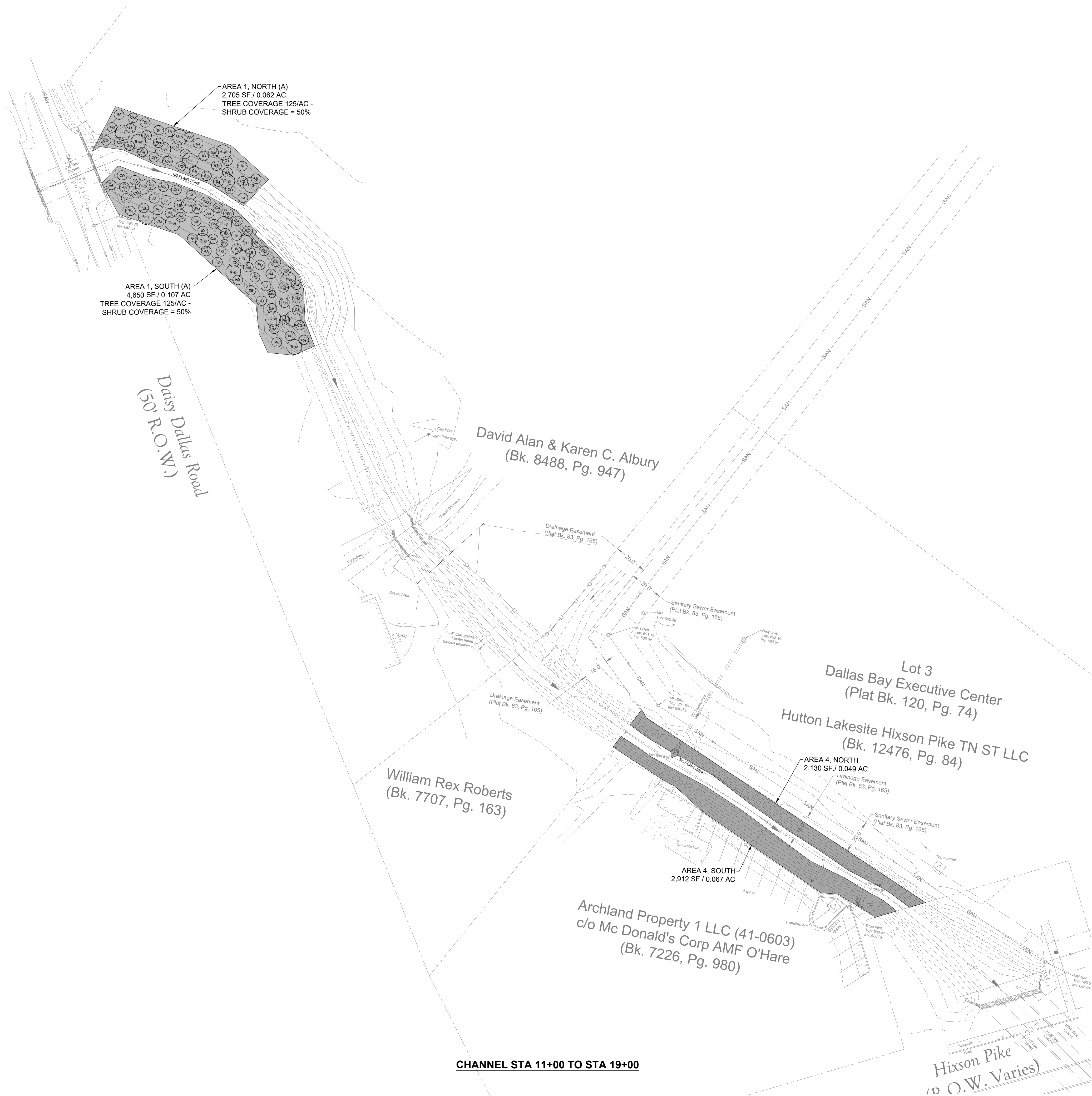
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CHANNEL
CROSS-SECTIONS

SHEET NO.

C5.0

4/23/2019 1:44:04 PM | j:\01_projects\2023-0130 city of lakesite stormwater improvements\3-engineering\Civil\Sheets\1 LANDSCAPE PLAN.dwg |



SITE DATA:

PROPERTY INFORMATION:

CHANNEL IMPROVEMENT AREA: DALLAS LAKE TO HALE ROAD

CLIENT:

CITY OF LAKESITE
KIRSTEN ERT ACUFF
9201 ROCKY POINT ROAD
LAKEITE, TN 37379
423-842-2533
KERT@LAKESITETN.GOV

PROJECT ENGINEER:

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CHATTANOOGA, TN 37405
423.805.3700

SURVEY INFORMATION:

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TAKEN FROM A SURVEY BY ROGER RIEMER; ASA ENGINEERING &
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FEBRUARY 12, 2024.

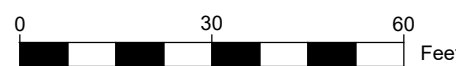
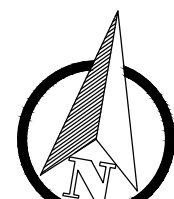
LANDSCAPE LEGEND

C-C LARGE TREE
CC-ID (IDENTIFIER)

M-V SMALL TREE
MV = ID (IDENTIFIER)

CC SHRUB MASS (40 SF, 10 PLANTS EACH)
CC= ID (IDENTIFIER)

MIX 168 - SOUTHERN RIARIAN BUFFER MIX
BY : ROUNDSTONE NATIVE SEED COMPANY
INSTALL EROSION CONTROL MATERIAL
COIR MAT40 HYDROSEED MIX168 COMBINED
WITH TEMPORARY SEED MIX



ANY LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON ABOVEGROUND STRUCTURES AND RECORD DRAWINGS PROVIDED THE SURVEYOR AND MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/STRUCTURES MY BE ENCOUNTERED. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURIED UTILITIES/STRUCTURES. FOR INFORMATION REGARDING THESE UTILITIES, CONTACT THE APPROPRIATE AGENCIES.

SEAL



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LAKEITE, TN 37379
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No.	Revision/Issue	Date

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PROJECT NO. 23-0130

DATE 03/08/2025

SCALE AS SHOWN

DESIGNED BY ASA

DRAWN BY ASA

CHECKED BY ASA

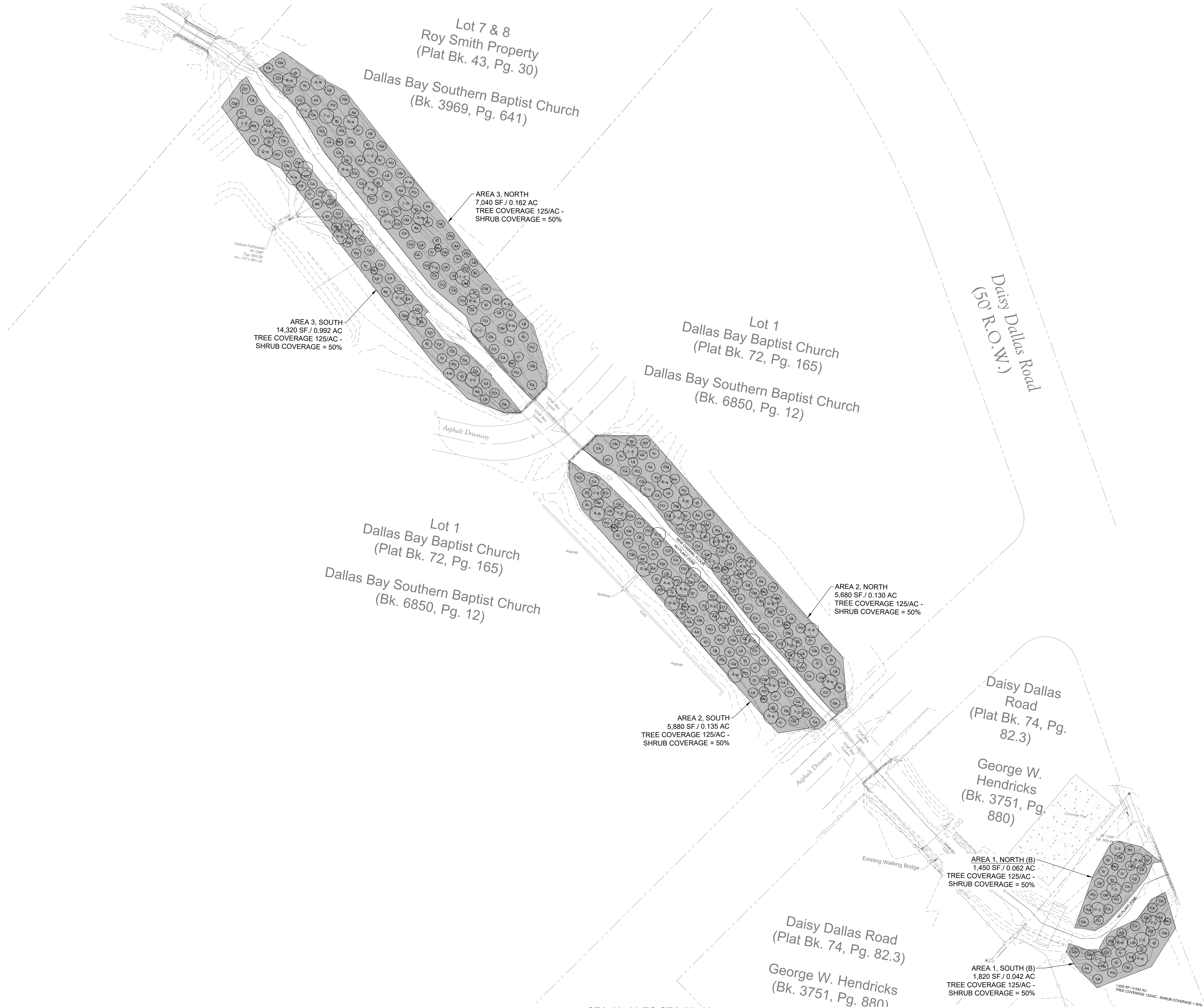
TITLE

LANDSCAPE PLAN
ENLARGEMENT 1

SHEET NO.

C6.0

4/23/2019 1:44:04 PM | j:\01_projects\2023-0130 city of lakesite stormwater improvements\0-engineering\Civil\Sheets\1 LANDSCAPE PLAN.dwg |



SITE DATA:

PROPERTY INFORMATION

CHANNEL IMPROVEMENT AREA: DALLAS LAKE TO HALE ROAD

CLIENT:

CITY OF LAKESITE
KIRSTEN ERT ACUFF
9201 ROCKY POINT ROAD
LAKESITE, TN 37379
423-842-2533
KERT@LAKESITETN.GOV

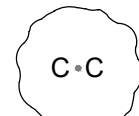
PROJECT ENGINEER:

ASA ENGINEERING & CONSULTING, INC.
201 CHEROKEE BLVD., SUITE 101
CHATTANOOGA, TN 37405
423.805.3700

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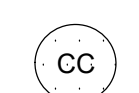
LANDSCAPE LEGEND



LARGE TREE
CC=ID (IDENTIFIER)



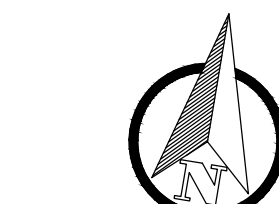
SMALL TREE
MV = ID (IDENTIFIER)



SHRUB MASS (40 SF, 10 PLANTS EACH)
CC= ID (IDENTIFIER)



MIX 168 - SOUTHERN RIARIAN BUFFER MIX
BY : ROUNDSTONE NATIVE SEED COMPANY
INSTALL EROSION CONTROL MATERIAL,
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SEAL



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LAKESITE, TN 37379
FOR
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PROJECT NO. 23-0130

DATE 03/08/2025

SCALE AS SHOWN

DESIGNED BY ASA

DRAWN BY ASA

CHECKED BY ASA

TITLE

LANDSCAPE PLAN
ENLARGEMENT 2

SHEET NO.

C6.1

4/23/2019 1:44:04 PM | J:\01_projects\2023\03-0130_city of lakesite stormwater improvements\3-engineering\Civil\SHEETS\1 LANDSCAPE PLAN.dwg |

AREA 1, NORTH, A&B											
ID	Qty	Botanical Name	Common Name	Type	Height	Spread	Medium	Specification/Comments			
TREES											
CC	2	Carpinus Caroliniana	Ironwood	D	10 FT	5 FT	B&B	Minimum 3" Caliper DBH			
MV	1	Magnolia Virginiana	Sweetbay Magnolia	SE	8 FT	4 FT	B&B	Five Canes, Each 1" Caliper DBH			
AR	1	Acer Rubrum	Red Maple	D	12 FT	6 FT	B&B	Minimum 3" Caliper DBH/ Single Leader			
BN	2	Betula Nigra	River Birch	D	10 FT	5 FT	B&B	Three canes each, 1" Caliper DBH			
LS	2	Liquidambar styraciflua	Sweetgum	D	12 FT	6 FT	B&B	Minimum 3" Caliper DBH/ Single Leader			
QN	1	Quercus Nigra	Water Oak	D	12 FT	6 FT	B&B	Minimum 3" Caliper DBH/ Single Leader			
TD	4	Taxodium distichum	Bald Cypress	E	12 FT	6 FT	B&B	Minimum 3" Caliper DBH/ Single Leader			
13											
SHRUBS											
AA	60	Aronia Arbutifolia	Red Chokeberry	D	14 IN	12 IN	C	Dense root mass			
CM	50	Callicarpa Americana	American Beautyberry	D	14 IN	12 IN	C	Dense root mass			
CO	100	Cephalanthus Occidentalis	Butterbush	D	14 IN	12 IN	C	Dense root mass			
CA	100	Cornus Amomum	Silly Dogwood	D	18 IN	12 IN	C	Dense root mass			
ID	50	Ilex Decidua	Possumhaw Holly	D	14 IN	12 IN	C	Dense root mass			
IV	90	Ilex Verticillata	Common Winterberry	E	14 IN	12 IN	C	Dense root mass			
LB	60	Lindera Benzoin	Spicebush	D	14 IN	12 IN	C	Dense root mass			
PO	50	Physocarpus Opulifolius	Ninebark	D	18 IN	12 IN	C	Dense root mass			
520											
GRASSES											
EV		Elymus Virginicus	Virginia Wild Rye	G			Riparian Seed Mx	2.4% x 13.5 POUNDS/ACRE			
EM		Echinochloa Murexata	Barnyard Grass	G			Riparian Seed Mx	0.5% x 13.5 POUNDS/ACRE			
AP		Agrostis Perennans	Upland Bentgrass	G			Riparian Seed Mx	0.2% x 13.5 POUNDS/ACRE			
AG		Andropogon Gerardi	Big Bluestem	G			Riparian Seed Mx	1.4% x 13.5 POUNDS/ACRE			
PC		Panicum Clandestinum	Deer Tongue Grass	G			Riparian Seed Mx	1.4% x 13.5 POUNDS/ACRE			
PA		Panicum Anceps	Fall Panicum	G			Riparian Seed Mx	1.4% x 13.5 POUNDS/ACRE			
PV		Panicum Virgatum	Switchgrass	G			Riparian Seed Mx	2.4% x 13.5 POUNDS/ACRE			
CV		Carex Vulpinoides	Fox sedge	G			Riparian Seed Mx	0.48% x 13.5 POUNDS/ACRE			
WILDFLOWERS											
CM		Cassia Maritima	Wild Senna	H-P			Riparian Seed Mx	1% x 13.5 POUNDS/ACRE			
DI		Desmanthus Illinoensis	Illinois Bundelflower	H-P			Riparian Seed Mx	0.5% x 13.5 POUNDS/ACRE			
HH		Helopsis Helianthoides	False Sunflower	H-P			Riparian Seed Mx	0.6% x 13.5 POUNDS/ACRE			
LSP		Liatris Spicata	Spiked Blazing Star	H-P			Riparian Seed Mx	0.5% x 13.5 POUNDS/ACRE			
MF		Monarda Fistulosa	Bergamot	H-P			Riparian Seed Mx	0.1% x 13.5 POUNDS/ACRE			
SP		Silphium Perfoliatum	Cup Plant	H-P			Riparian Seed Mx	1% x 13.5 POUNDS/ACRE			
BA		Bidens Aristosa	Showy Thistleseed	H-P			Riparian Seed Mx	0.6% x 13.5 POUNDS/ACRE			
EF		Eupatorium Fistulosum	Joe-Pye Weed	H-P			Riparian Seed Mx	0.2% x 13.5 POUNDS/ACRE			
HA		Helianthus Autumnale	Sneezeweed	H-P			Riparian Seed Mx	0.2% x 13.5 POUNDS/ACRE			
VA		Verbesina Alternifolia	Yellow Wingstem	H-P			Riparian Seed Mx	0.5% x 13.5 POUNDS/ACRE			
VN		Veronica Altissima	Iron Weed	H-P			Riparian Seed Mx	0.4% x 13.5 POUNDS/ACRE			
HAN		Helianthus Angustifolius	Narrow-leaved Sunflower	H-P			Riparian Seed Mx	0.4% x 13.5 POUNDS/ACRE			
LEGEND: ID = IDENTIFIER / QTY = QUANTITY / D = DECIDUOUS / E = EVERGREEN / H = HERBACEOUS / P = PERENNIAL / G = GRASS / C = CONTAINER / B&B = BALLED & BURLAPPED / BR = BARE ROOT / PG = PLUG/ DBH = DIAMETER AT BREAST HEIGHT											

AREA 2, SOUTH											
ID	Qty	Botanical Name	Common Name	Type	Height	Spread	Medium	Specification/Comments			
TREES											
CC	3	Carpinus Caroliniana	Ironwood	D	10 FT	5 FT	B&B	Minimum 3" Caliper DBH			
MV	3	Magnolia virginiana	Sweetbay Magnolia	SE	8 FT	4 FT	B&B	Five Canes, Each 1" Caliper DBH			
AR	3	Acer Rubrum	Red Maple	D	12 FT	6 FT	B&B	Minimum 3" Caliper DBH/ Single Leader			
BN	2	Betula Nigra	River Birch	D	10 FT	5 FT	B&B	Three canes each, 1" caliper DBH			
LS	2	Liquidambar styraciflua	Sweetgum	D	12 FT	6 FT	B&B	Minimum 3" Caliper DBH/ Single Leader			
QN	3	Quercus Nigra	Water Oak	D	12 FT	6 FT	B&B	Minimum 3" Caliper DBH/ Single Leader			
TD	3	Taxodium distichum	Bald Cypress	E	12 FT	6 FT	B&B	Minimum 3" Caliper DBH/ Single Leader			
19											
SHRUBS											
AA	70	Aronia arbutifolia	Red Chokeberry	D	14 IN	12 IN	C	Dense root mass			
CM	90	Callicarpa Americana	American Beautyberry	D	14 IN	12 IN	C	Dense root mass			
CO	130	Cephalanthus occidentalis	Butterbush	D	14 IN	12 IN	C	Dense root mass			
CA	130	Cornus amomum	Silly Dogwood	D	18 IN	12 IN	C	Dense root mass			
ID	50	Ilex Decidua	Possumhaw Holly	D	14 IN	12 IN	C	Dense root mass			
IV	90	Ilex Verticillata	Common Winterberry	E	14 IN	12 IN	C	Dense root mass			
LB	90	Lindera Benzoin	Spicebush	D	14 IN	12 IN	C	Dense root mass			
PO	90	Physocarpus Opulifolius	Ninebark	D	18 IN	12 IN	C	Dense root mass			
780											
GRASSES											
EV		Elymus Virginicus	Virginia Wild Rye	G			Riparian Seed Mx	2.4% x 13.5 POUNDS/ACRE			
EM		Echinochloa Muriicata	Barnyard Grass	G			Riparian Seed Mx	0.5% x 13.5 POUNDS/ACRE			
AP		Agrostis Perennans	Upland Bentgrass	G			Riparian Seed Mx	0.2% x 13.5 POUNDS/ACRE			
AG		Andropogon Gerardi	Big Bluestem	G			Riparian Seed Mx	1.4% x 13.5 POUNDS/ACRE			
PC		Panicum clandestinum	Deer Tongue Grass	G			Riparian Seed Mx	1.4% x 13.5 POUNDS/ACRE			
PA		Panicum Anceps	Fall Panicum	G			Riparian Seed Mx	1.4% x 13.5 POUNDS/ACRE			
PV		Panicum Virgatum	Switchgrass	G			Riparian Seed Mx	2.4% x 13.5 POUNDS/ACRE			
CV		Carex Vulpinoides	Fox sedge	G			Riparian Seed Mx	0.48% x 13.5 POUNDS/ACRE			
WILDFLOWERS											
CM		Cassia Maritima	Wild Senna	H-P			Riparian Seed Mx	1% x 13.5 POUNDS/ACRE			
DI		Desmanthus illinoensis	Illinois Bundletower	H-P			Riparian Seed Mx	0.5% x 13.5 POUNDS/ACRE			
HH		Helopsis helianthoides	False Sunflower	H-P			Riparian Seed Mx	0.6% x 13.5 POUNDS/ACRE			
LSP		Liatris Spicata	Spiked Blazing Star	H-P			Riparian Seed Mx	0.5% x 13.5 POUNDS/ACRE			
MF		Monarda fistulosa	Bergamot	H-P			Riparian Seed Mx	0.1% x 13.5 POUNDS/ACRE			
SP		Silphium Perfoliatum	Cup Plant	H-P			Riparian Seed Mx	1% x 13.5 POUNDS/ACRE			
BA		Bidens aristosa	Showy Thistleseed	H-P			Riparian Seed Mx	0.6% x 13.5 POUNDS/ACRE			
EF		Eupatorium fistulosum	Joe-Pye Weed	H-P			Riparian Seed Mx	0.2% x 13.5 POUNDS/ACRE			
HA		Helianthus autumnale	Sneezeweed	H-P			Riparian Seed Mx	0.2% x 13.5 POUNDS/ACRE			
VA		Verbesina alternifolia	Yellow Wingstem	H-P			Riparian Seed Mx	0.5% x 13.5 POUNDS/ACRE			
VN		Veronica altissima	Iron Weed	H-P			Riparian Seed Mx	0.4% x 13.5 POUNDS/ACRE			
HAN		Helianthus angustifolius	Narrow-leaved Sunflower	H-P			Riparian Seed Mx	0.4% x 13.5 POUNDS/ACRE			
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AREA 4								
ID	Qty	Botanical Name	Common Name	Type	Height	Spread	Medium	Specification/Comments
GRASSES								
EV		Elymus Virginicus	Virginia Wild Rye	G			Riparian Seed Mx	2.4% x 13.5 POUNDS/ACRE
EM		Echinochloa Murexalis	Barnyard Grass	G			Riparian Seed Mx	0.5% x 13.5 POUNDS/ACRE
AG		Agrostis Perennans	Upland Bentgrass	G			Riparian Seed Mx	0.2% x 13.5 POUNDS/ACRE
PC		Andropogon Gerardi	Big Bluestem	G			Riparian Seed Mx	1.4% x 13.5 POUNDS/ACRE
		Panicum Clandestinum	Deer Tongue Grass	G			Riparian Seed Mx	1.4% x 13.5 POUNDS/ACRE
PA		Panicum Anceps	Fall Panicum	G			Riparian Seed Mx	1.4% x 13.5 POUNDS/ACRE
PV		Panicum Virgatum	Switchgrass	G			Riparian Seed Mx	2.4% x 13.5 POUNDS/ACRE
CV		Carex Vulpinoides	Fox sedge	G			Riparian Seed Mx	0.48% x 13.5 POUNDS/ACRE
WILDFLOWERS								
CM		Cassia Maritima	Wild Senna	H-P			Riparian Seed Mx	1% x 13.5 POUNDS/ACRE
DI		Desmanthus Illinoensis	Illinois Bundelflower	H-P			Riparian Seed Mx	0.5% x 13.5 POUNDS/ACRE
HH		Helopsis Helianthoides	False Sunflower	H-P			Riparian Seed Mx	0.6% x 13.5 POUNDS/ACRE
LSP		Liatris Spicata	Spiked Blazing Star	H-P			Riparian Seed Mx	0.5% x 13.5 POUNDS/ACRE
MF		Monarda Fistulosa	Bergamot	H-P			Riparian Seed Mx	0.1% x 13.5 POUNDS/ACRE
SP		Silphium Perfoliatum	Cup Plant	H-P			Riparian Seed Mx	1% x 13.5 POUNDS/ACRE
BA		Bidens Aristosa	Showy Thistleseed	H-P			Riparian Seed Mx	0.6% x 13.5 POUNDS/ACRE
EF		Eupatorium Fistulosum	Joe-Pye Weed	H-P			Riparian Seed Mx	0.2% x 13.5 POUNDS/ACRE
HA		Helianthus Autumnale	Sneezeweed	H-P			Riparian Seed Mx	0.2% x 13.5 POUNDS/ACRE
VA		Verbesina Alternifolia	Yellow Wingstem	H-P			Riparian Seed Mx	0.5% x 13.5 POUNDS/ACRE
VAl		Verbesina Albissima	Iron Weed	H-P			Riparian Seed Mx	0.2% x 13.5 POUNDS/ACRE
HAN		Healthiss Angustifolia	Narrow-leaved Sunflower	H-P			Riparian Seed Mx	0.4% x 13.5 POUNDS/ACRE
LEGEND: ID = IDENTIFIER / QTY = QUANTITY / D = DECIDUOUS / E = EVERGREEN / H = HERBACEOUS / P = PERENNIAL / G = GRASS / C = CONTAINER / B&B = BALLED & BURLAPPED / BR = BARE ROOT / PG = PLUGS DBH =								

LANDSCAPE SPECIFICATIONS:

PLANTING FOR SLOPED CHANNEL BANKS
(INCLUDES TOPSOIL PLACEMENT, TREES & SHRUBS)

1. CONTRACTOR SHALL SECURE ENGINEER'S APPROVAL THAT SUBGRADE OF SLOPED CHANNEL BANKS IS TRUE TO GRADING DESIGN, FREE OF ANY DEBRIS, RUBBLE, STUMPS, AND ROOTS AND HAS BEEN COMPACTED PER SPECIFICATIONS PRIOR TO ANY PLACEMENT OF TOPSOIL.
2. JUST PRIOR TO PLACEMENT OF TOPSOIL, CONTRACTOR SHALL RUN DOZER TRACKS PERPENDICULAR TO CONTOURS OF SUB-GRADE BANKS TO CREATE A FINISHED SURFACE COMPLETELY AND CONSISTENTLY COVERED WITH DOZER TRACKS.
3. ALL SLOPED BANKS TO BE PLANTED SHALL RECEIVE SIX INCHES OF COMPACTED TOPSOIL, ALL OF WHICH SHALL COME FROM A SINGLE SOURCE AND BE OF A CONSISTENT COMPOSITION. CONTRACTOR SHALL HAVE SOIL TESTED BY AN APPROVED LABORATORY AND SUBMIT RESULTS TO LANDSCAPE ARCHITECT FOR APPROVAL. FERTILIZER SHALL NOT BE APPLIED. HOWEVER, PH SHALL BE AMENDED IF APPLICABLE, AS INSTRUCTED BY LANDSCAPE ARCHITECT.
4. PRIOR TO RAIN, PLACE SIX-INCH COMPACTED LAYER OF TOPSOIL. TO ACHIEVE COMPACTION, RUN DOZER TRACKS PERPENDICULAR TO CONTOURS TO CREATE A FINISHED SURFACE COMPLETELY AND CONSISTENTLY COVERED WITH DOZER TRACKS. SHOULD IT RAIN PRIOR TO PLACEMENT OF TOPSOIL AND CAUSE THE DIVOTS OF THE TRACKING DESCRIBED IN ITEM #3 ABOVE, IT COULD BE NECESSARY TO REPEAT THE TRACKING IF INSTRUCTED BY THE LANDSCAPE ARCHITECT.
5. FOR SOIL PREPARATION PRIOR TO SEEDING GRASSES AND WILDFLOWERS REFER TO PLANTING FOR SLOPED CHANNEL BANKS - GRASSES & WILDFLOWERS, ON THIS SHEET.
6. PLANTING OF TREES AND SHRUBS SHALL OCCUR BEFORE THE PLANTING OF GRASSES AND WILDFLOWERS BETWEEN FEBRUARY 15 THROUGH MAY 15 AND SEPTEMBER 1 THROUGH DECEMBER 15.
7. NOTIFY THE LANDSCAPE ARCHITECT IN WRITING OF NECESSARY TREE OR PLAN SUBSTITUTIONS FOR APPROVAL PRIOR TO PURCHASE AND DELIVERY OF PLANT MATERIAL. ALL PLANTS FOR THIS PROJECT SHALL BE NATIVE SPECIES. CULTIVARS SHALL NOT BE ACCEPTED.
8. ALL PLANT MATERIAL SHALL BE NURSERY-GROWN, WELL-ROOTED, AND WELL-BRANCHED; ALL TREES MUST BE FREE OF INSECTS, DISEASES, MECHANICAL INJURY, AND OTHER OBJECTIONABLE FEATURES WHEN PLANTED; ALL MATERIALS MUST CONFORM TO THE "AMERICAN NURSEY STOCK STANDARDS" LATEST EDITION.
9. THE LANDSCAPE ARCHITECT SHALL INSPECT/APPROVE ALL PLANT MATERIAL DELIVERED TO THE SITE BEFORE INSTALLATION. IF REQUESTED BY THE LANDSCAPE ARCHITECT, THE CONTRACTOR SHALL PROVIDE INVOICES AND/OR NURSERY TAGS (ORIGINAL OR COPIES) TO THE LANDSCAPE ARCHITECT FOR CONFIRMATION OF QUANTITIES, SPECIES, AND CONDITION.
10. ALL TREES SHALL BE BALLED AND BIODEGRADABLE BURLAPPED. WIRE CAGES SHALL BE REMOVED. BIODEGRADABLE CONTAINERS WILL BE ACCEPTED.
11. TREES SHALL HAVE NORMAL, WELL-DEVELOPED BRANCHES AND A SINGLE-DOMINANT CENTRAL LEADER; TREES WITH TOPPED CENTRAL LEADERS AND INDISCRIMINATELY PRUNED LATERAL BRANCHES WILL NOT BE ACCEPTED. STRUCTURAL PRUNING SHALL FOLLOW ANSI A300 TREE CARE STANDARDS
12. TREE ROOT FLARES SHOULD BE VISIBLE AND PLANTED 1-2" ABOVE SURROUNDING GRADE.
13. TREES SHALL BE SECURED BY USING 6 FOOT LONG METAL "T" POSTS, SPACED 120 DEGREES APART, THREE FEET FROM TRUNK, USING 13-GUAGE, GALVANIZED WIRE, DOUBLED AROUND TREE WITH RUBBERED HOSE PROTECTION AND WRAPPED AROUND POST WITH A 1X2X5" TWISTER FOR EACH POST TO FIRMLY AFFIX EACH WIRE SYSTEM TO STABILIZE TREE TRUNK.
14. ALL SHRUBS SHALL BE BALLED AND IN BIODEGRADABLE CONTAINERS OR REMOVABLE PLASTIC CONTAINERS.
15. SOIL USED IN BACKFILLING PLANTING PITS SHALL BE TOPSOIL AND MIXES WITH 25% PEAT BY VOLUME, EXCEPT FOR ERICACEOUS PLANTS, VERY ACIDIC OR SOUR SOIL (SOIL HAVING A PH LESS THAN 6) SHALL BE MIXED WITH SUFFICIENT LIME TO PRODUCE A SLIGHTLY ACID REACTION (A PH OF 6.0 TO 6.5). 10-10-10 COMMERCIAL FERTILIZER AT THE RATE OF 2 POUNDER PER CUBIC YARD SHALL BE ADDED. BOTH FERTILIZER AND PEAT SHALL BE THOROUGHLY MIXED.
16. TREES AND SHRUBS FOR THIS PROJECT SHALL BE PLANTED ON SLOPES AND SHALL REQUIRE SOIL STABILIZATION ON THE UP-SLOPE SIDE, AS SHOWN ON APPLICABLE DETAILS. THIS WILL INCLUDE A BIODEGRADABLE SOCK AND SPIKES MANUFACTURED BY ONE CLARION (PH: 863.261.8388).

SOIL PREPARATION AND HYDROSEEDING:

(NATIVE GRASSES AND WILDFLOWERS)

1. NATIVE GRASSES AND WILDFLOWERS SHALL BE PLANTED FOLLOWING THE COMPLETION OF INSTALLATION OF ALL TREES AND SHRUBS.
2. THE TOP TWO INCHES OF THE TOPSOIL LAYER SHALL BE ROTO-TILLED TO CREATE CONSISTENT PARTICLE SIZE IN A FRIABLE CONDITION. ALL DEBRIS AND CLODS SHALL BE REMOVED. THE SOIL SHALL THEN BE RANKE INTO ITS ORIGINAL POSITION AND ROLLED FOR CONFORMITY.
3. FOLLOWING THE COMPLETION OF THE SOIL PREPARATION, AN EROSION CONTROL MATERIAL, "COIR MAT 40," TWO-INCH GRID MANUFACTURED BY ONE CLARION (PH: 863.261.8388).
4. THIS MATTING SHALL BE CAREFULLY PLACED AROUND TREES AND SHRUBS. PERPENDICULAR 90-DEGREE CUTS SHALL BE MADE TO THE MATTING AND THEN SPLICED BACK TOGETHER AROUND TREE TRUNKS AND THE BASE OF SHRUB LIMBS. MATTING SHALL BE SECURED AND STABILIZED UTILIZING COIR BIODEGRADABLE SPIKES. OVERLAP THE NETTING MINIMUM OF 6-INCH WITH PREVIOUS ROW. APPLY STAPLES AT 4 FEET MAXIMUM SPACING ON ALL EDGES AND LAPS, WITH INTERIOR ROWS OF STAPLES AT A 4-FEET MAXIMUM SPACING AND SPACED IN THE ROW AT 8-FEET MAXIMUM SPACING. STAPLES IN AN INTERIOR ROW SHALL ALTERNATE IN SPACING WITH STAPLES ON AN ADJACENT INTERIOR ROW. ALL STAPLES SHALL BE DRIVEN FLUSH WITH THE SOIL SURFACE.
5. UPON COMPLETION OF THE INSTALLATION OF THE COIR MAT, THE SEEDING WILL BE PERFORMED BY HYDROSEEDING OVER THE COIR MAT 40.
6. GRASSES AND WILDFLOWERS FOR THIS PROJECT WILL BE PLANTED FROM SEED. THE SEED IS REFERRED TO AS "MIX-168-SOUTHERN RIPARIAN BUFFER MIX" AND IS AVAILABLE FROM ROUNDSTONE NATIVE SEED COMPANY - (PH: 888.531.2353). SEED SHALL BE PURE, LIVE SEED AND SHALL NOT CONTAIN PROHIBITED, NOXIOUS WEEDS ACCORDING TO STATE LAW. APPLICATION RATE SHALL BE 13.5 POUNDS PER ACRE.
7. TEMPORARY SEED MIX TO BE UTILIZED FOR EROSION PROTECTION AND MIXED WITH MIX 168:
 - AFTER AUGUST 1, USE OATS @ 40 POUNDS PER ACRE AS TEMPORARY SEED
 - BEFORE AUGUST 1, USE BROWN TOP MILLET @ 8 POUNDS PER ACRE AS TEMPORARY SEED
7. GROWTH MEDIA SHALL BE FLEXIBLE GROWTH MEDIUM FIBER MULCH: APPLY ACCORDING TO MANUFACTURER RECOMMENDATIONS. THIS PRODUCT SHALL BE APPLIED AT A MINIMUM RATE OF 3500 LBS/ACRE ON SLOPES. REFER TO MANUFACTURERS SPECIFICATION.
8. EQUIPMENT SHALL HAVE A BUILT-IN MECHANICAL AGITATION SYSTEM AND OPERATING CAPACITY SUFFICIENT TO AGITATE, SUSPEND, OR HOMOGENEOUSLY MIX A SLURRY CONTAINING NOT LESS THAN 44 LBS OR ORGANIC MULCHING AMENDMENT PLUS FERTILIZER, CHEMICAL ADDITIVES, AND SOLIDS FOR EACH 150 GALLONS OF WATER. EQUIPMENT SHOULD ALSO INCLUDE A FAN-TYPE NOZZLE WITH 50-DEGREE TIPS TO PROVIDE BETTER COVERAGE.
9. INSTALLATION SHALL STRICTLY COMPLY WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS. SPRAY-APPLY SLURRY UNIFORMLY TO ALL AREAS TO BE SEEDDED WITH TWO-STEP PROCESS. MIX 50% OF THE SEED MIXTURE, SOIL AMENDMENTS, TACKIFIER, AND COMMERCIAL FERTILIZER WITH A SMALL AMOUNT OF FLEXIBLE GROWTH MEDIUM FOR VISUAL METERING AND APPLY ALONG THE AREAS TO BE VEGETATED BEING SURE TO APPLY SEED AND AMENDMENTS AT THE SPECIFIED RATES. SECOND COAT SHALL BE APPLIED PERPENDICULAR TO THE FIRST COAT. APPLY THE BALANCE OF THE SEED MIX AND FLEXIBLE GROWTH MEDIUM AT A RATE SO THAT TOTAL MULCH COMPONENT AND SEED COMPONENT IS DEPOSITED AT NOT LESS THAN THE SPECIFIED SEED SOWING RATE
10. MIX AND APPLY THE FLEXIBLE GROWTH MEDIUM AT A RATE OF 50 LBS PER 125 GALLONS OF WATER OVER FRESHLY SEEDDED AREAS. HYDROMULCH SHOULD BE APPLIED IN MULTIPLE DIRECTIONS SO THAT SHADOWING DOES NOT OCCUR AND TO ENSURE UNIFORMITY OF THE APPLICATION.
11. CONFORM THE LOADING RATES WITH EQUIPMENT MANUFACTURERS. DO NOT LEAVE SEEDDED SURFACES UNPROTECTED, ESPECIALLY IF PRECIPITATION IS IMMINENT.
12. EXERCISE SPECIAL CARE TO PREVENT ANY OF THE SLURRY FROM BEING SPRAYED ONTO ANY HARDSCAPE AREAS INCLUDING CONCRETE WALKS, FENCES, WALLS, BUILDINGS, ETC. REMOVE ALL SLURRY SPRAYED ONTO THESE SURFACES IMMEDIATELY.
13. IN THE CASE OF DROUGHT: FREQUENT LIGHT IRRIGATION WILL NEED TO BE APPLIED TO SEEDDED AREAS IF NO NATURAL RAIN EVENTS HAVE OCCURRED WITHIN ONE WEEK OF HYDROSEEDING. WATER SHOULD BE APPLIED LONG ENOUGH TO MOISTEN THE SOIL THOROUGHLY TO THE DEPTH OF THE SLURRY MULCH TAKING CARE NOT TO SUPER SATURATE OR WASH AWAY THE SLURRY AND SEED.
14. AFTER SEED GERMINATION HAS OCCURRED AND PLANTS ARE VISIBLE THE FREQUENCY OF IRRIGATION SHOULD BE CUT BACK WITH HEAVIER APPLICATION RATES STILL MAKING SURE NOT TO SUPER SATURATE OR WASH AWAY THE SLURRY AND SEED. NO NEED TO WATER IF NATURAL RAIN FALL IS OCCURRING. REPAIR ALL SEED WASHINGS AND EROSION.

TURF SEEDING ABOVE SLOPED BANK

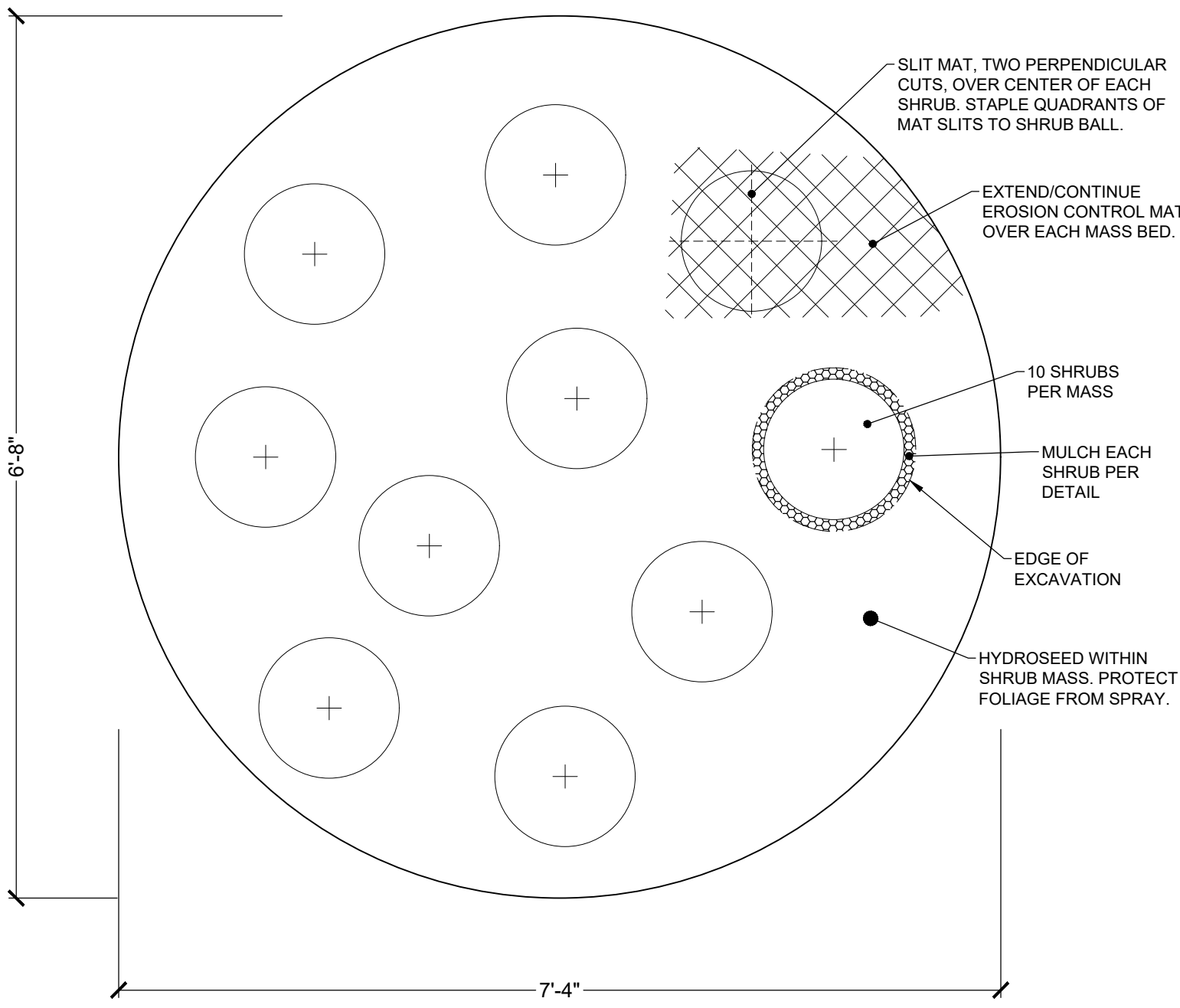
(INCLUDES ANY DISTURBED AREA ABOVE THE TOP OF BANK)

1. ALL DISTURBED AREAS TO BE SEEDDED WITH KENTUCKY 31 FESCUE AT THE RATE OF FIVE POUNDS PER 1,000 S.F. ALL SEED TO BE 98% PURE WITH 85% GERMINATION AND CONFORM TO ALL STATE REQUIREMENTS FOR GRASS SEED. THE FERTILIZER SHALL BE 6-12-12 COMMERCIAL TYPE WITH 50% OF ITS ELEMENTS DERIVED FROM ORGANIC SOURCES.
2. STRAW MULCH SHALL BE PLACED UPON SEEDDED AREAS. STRAW SHALL BE OATS OR WHEAT STRAW, FREE FROM WEEDS, FOREIGN MATTER DETRIMENTAL TO PLANT LIFE, AND DRY. HAY OR CHOPPED CORNSTALKS ARE NOT ACCEPTABLE.
3. THE CONTRACTOR SHALL VERIFY TO THE LANDSCAPE ARCHITECT THAT THE PREPARED SOIL BASE IS READY TO RECEIVE WORK. THE TOPSOIL SHALL BE CULTIVATED TO A DEPTH OF 4 INCHES WITH A MECHANICAL TILLER AND SUBSEQUENTLY RAKED UNTIL SMOOTH. FOREIGN MATERIALS COLLECTED DURING CULTIVATION AND RAKING OPERATIONS SHALL BE REMOVED FROM PROJECT SITE.
4. FERTILIZER SHALL BE APPLIED PER THE MANUFACTURER'S RECOMMENDATIONS. LIMESTONE MAY BE APPLIED WITH THE FERTILIZER. FERTILIZER SHALL BE APPLIED AFTER SMOOTH RAKING AND PRIOR TO ROLLER COMPACTION AND IT SHALL BE MIXED THOROUGHLY IN THE UPPER 2 INCHES OF TOPSOIL.
5. SEED SHALL BE APPLIED EVENLY IN THE TWO INTERSECTING DIRECTIONS AND RAKED IN LIGHTLY. THE TOPSOIL SHALL BE LIGHTLY WATERED PRIOR TO APPLYING SEED. DO NOT SEED AREA IN EXCESS OF THAT WHICH CAN BE MULCHED ON THE SAME DAY.
6. ROLL SEEDDED AREA WITH ROLLER NOT EXCEEDING 150 POUNDS.
7. IMMEDIATELY FOLLOWING SEEDING AND COMPACTING, APPLY STRAW MULCH AT THE RATE OF ONE AND ONE HALF BALE PER 1,000 SQUARE FEET. IMMEDIATELY AFTER MULCHING, APPLY WATER WITH A FINE SPRAY AND SATURATE THE GROUND TO A DEPTH OF 4 INCHES.
8. CONTRACTORS SHALL BE RESPONSIBLE FOR WATERING SEEDDED AREAS TO PREVENT GRASS AND SOIL FROM DRYING OUT UNTIL THE INSTALLATION IS INSPECTED AND ACCEPTED BY THE LANDSCAPE ARCHITECT. MINIMUM ACCEPTABLE COVERAGE SHALL BE 95 PERCENT.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR RESEEDING BARE SPOTS FOR A PERIOD OF ONE YEAR AFTER THE ACCEPTANCE OF INSTALLATION.

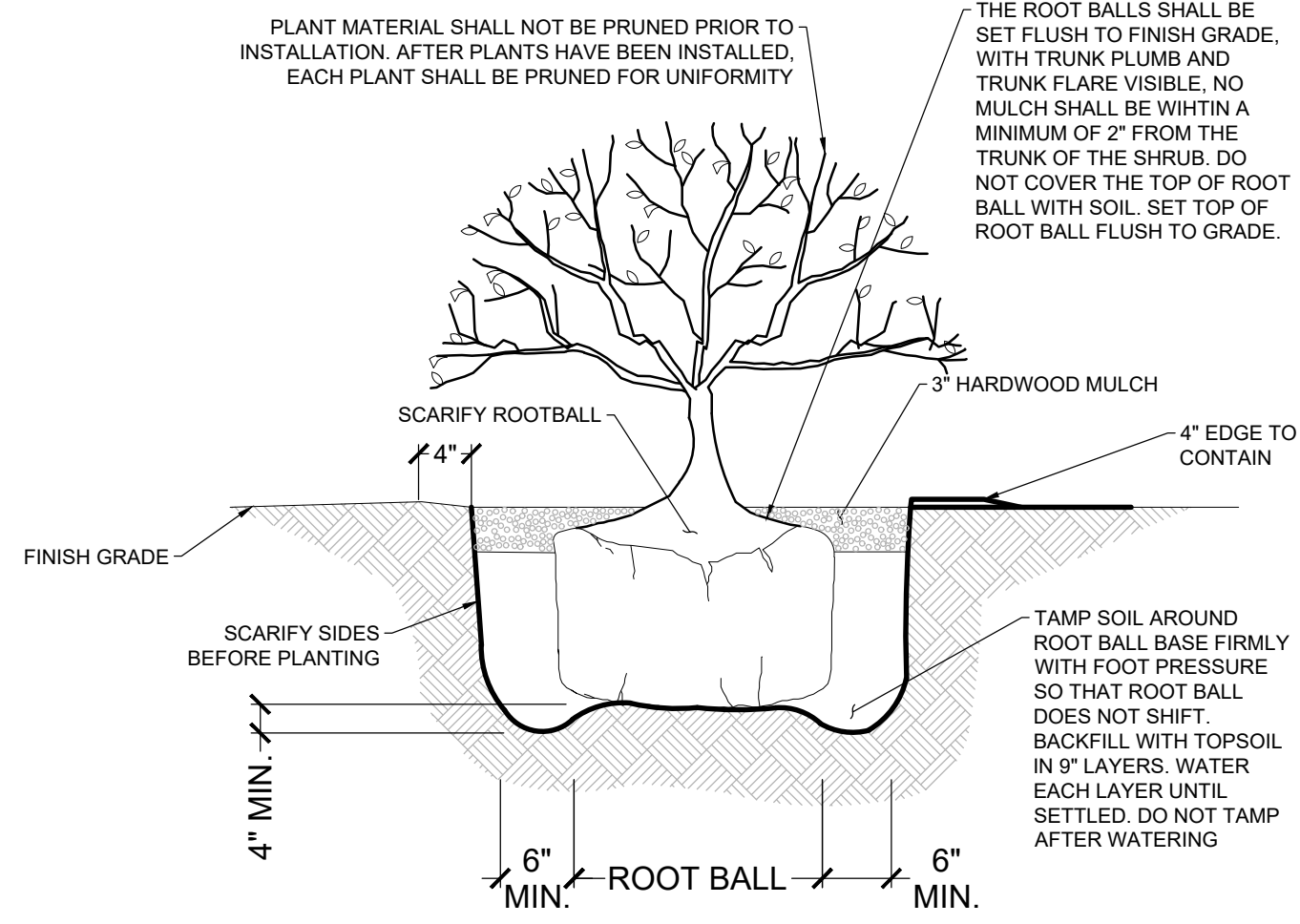
OBSERVATION OF CONSTRUCTION, PROJECT COMPLETION, & WARRANTY

(TREES, SHRUBS, NATIVE GRASSES, WILDFLOWERS, & TURF GRASSES)

1. A ONE-YEAR WARRANTY SHALL APPLY TO THE PLANTING OF TREES, SHRUBS, NATIVE GRASSES, WILDFLOWERS, AND TURF GRASSES. THIS WARRANTY SHALL BEGIN ON THE DATE THAT ALL PLANTINGS WERE DETERMINED COMPLETE AND A "FINAL COMPLETION LETTER" IS ISSUED, THEN THE WARRANTY SHALL EXTEND FOR 365 CALENDAR DAYS.
2. THE LANDSCAPE ARCHITECT WILL PERIODICALLY OBSERVE PLANTING ACTIVITY AND SHALL PERFORM A FINAL INSPECTION UPON COMPLETION OF ALL PLANTING OPERATIONS.
3. UPON INITIAL COMPLETION, SHOULD DEFICIENCIES BE DETERMINED, THE CONTRACTORS SHALL BE PRESENTED WITH A "REMEDIAL PLAN OF ACTION" TO EXECUTE BEFORE FINAL COMPLETION IS RECOGNIZED. THE TIMELINE FOR THIS REMEDIAL ACTION COULD BE DEPENDENT ON PLANTING SEASON AND WEATHER. WHEN SATISFACTORY COMPLETION IS DETERMINED, A DATE WILL BE DETERMINED AND THE FINAL COMPLETION LETTER ISSUED.
4. A ONE-YEAR INSPECTION SHALL BE CONDUCTED FOLLOWING THE DATE OF WHICH COMPLETION WAS DETERMINED. AT SUCH TIME, THE CONTRACTOR SHALL REPLACE AT THEIR COST ALL DEAD, DAMAGED, OR DEFICIENT PLANT MATERIALS AS DETERMINED BY THE LANDSCAPE ARCHITECT. THIS INSPECTION SHALL PRODUCE A PUNCH LIST AND A SPECIFIC DATE FOR WHICH ALL REMEDIES SHALL BE COMPLETED. UPON SUCCESSFUL REMEDY TO THIS PUNCH LIST OF DEFICIENCIES APPLICABLE TO THIS ONE-YEAR WARRANTY INSPECTION, ANY REMAINING CONTINGENCY FEES SHALL BE RELEASED AND THE CONTRACTOR SHALL BE RELIEVED OF ANY FURTHER OBLIGATIONS CONCERNING THE PLANTING AND ESTABLISHMENT OF TREES, SHRUBS, NATIVE GRASSES, WILDFLOWERS, AND TURF GRASSES.

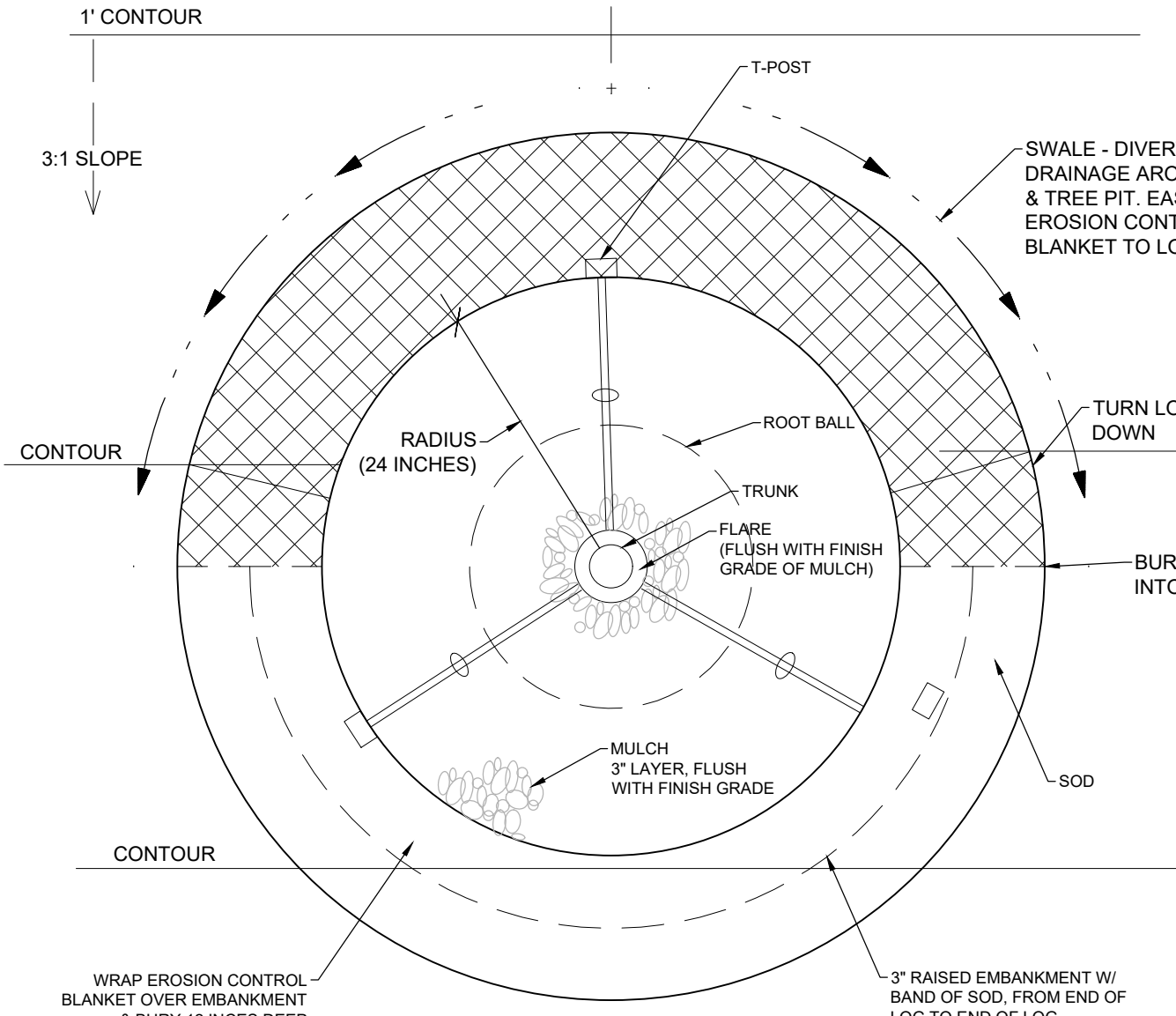


1 | SHRUB MASS DETAIL
NOT TO SCALE

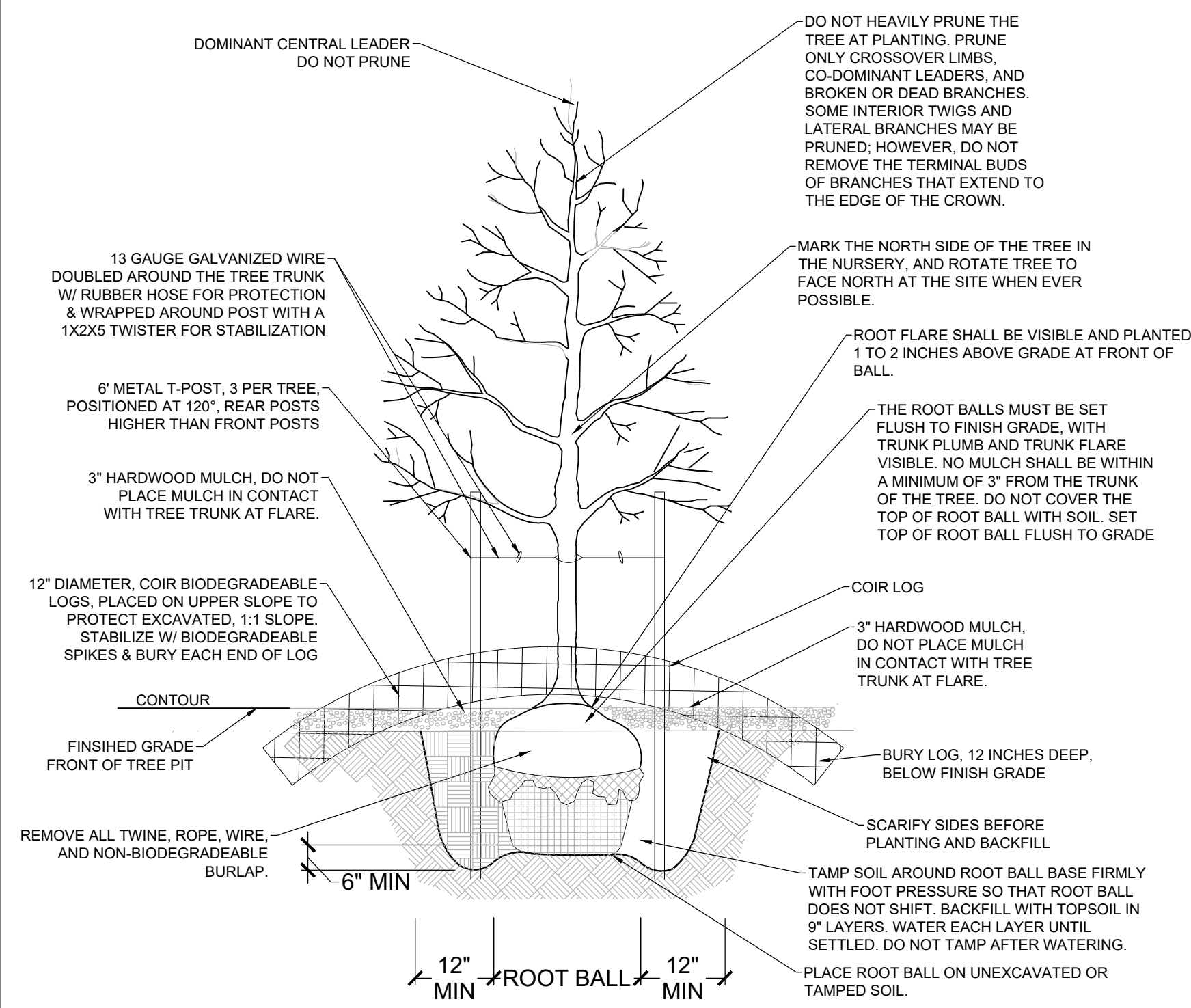


- NOTES:
1. WHERE PLANTS ARE SHOWN IN BEDS, MULCH SHALL COVER ENTIRE BED AS DENOTED ON THE PLANS.
 2. BURLAP GROWN PLANT MATERIAL MAY BE SUBSTITUTED FOR CONTAINER MATERIAL.

2 | SHRUB PLANTING
NOT TO SCALE



3 | TREE DETAIL - ON SLOPE
NOT TO SCALE



4 | TREE PLANTING DETAIL
NOT TO SCALE

SEAL



ISSUED FOR
BID

LAKESITE STORMWATER
IMPROVEMENTS
LAKESITE, TN 37379
FOR
CITY OF LAKESITE

No.	Revision/Issue	Date

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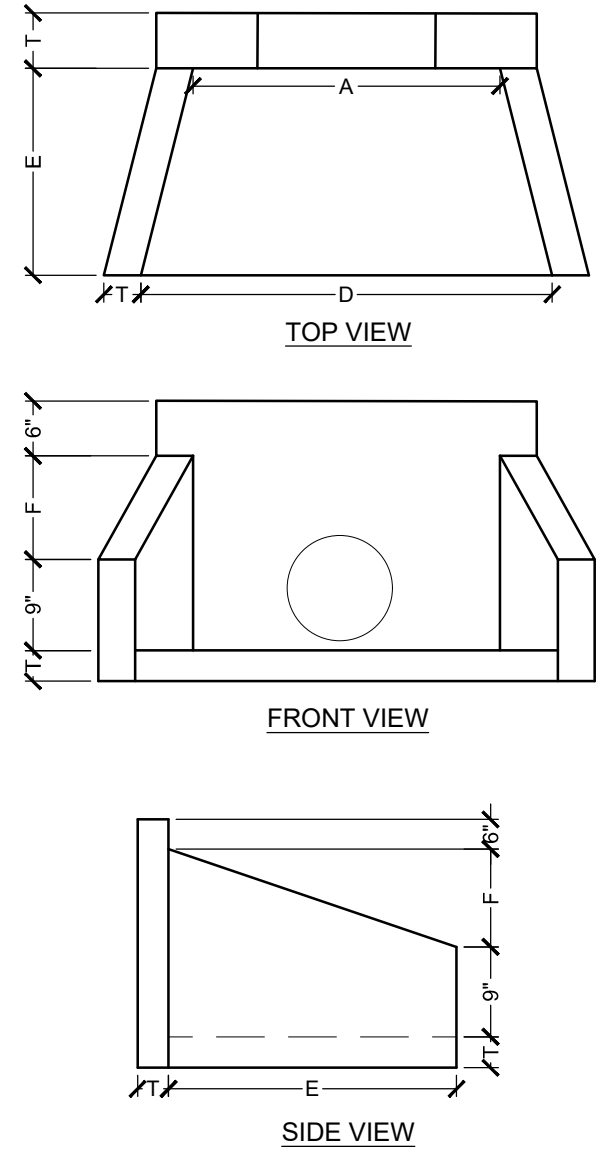
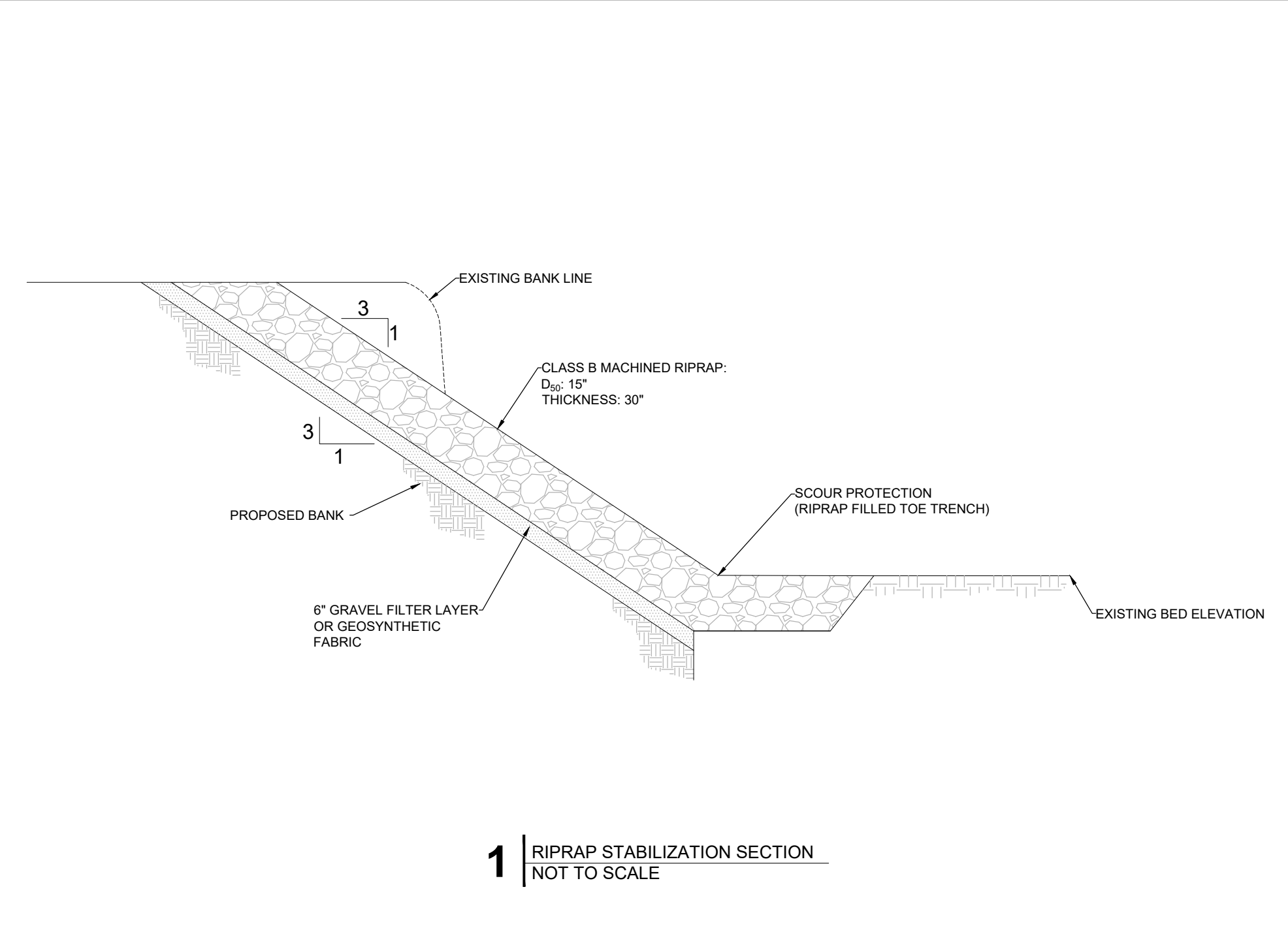
PROJECT NO.	23-0130
DATE	03/08/2025
SCALE	AS SHOWN
DESIGNED BY	ASA
DRAWN BY	ASA
CHECKED BY	ASA
TITLE	

LANDSCAPE
DETAILS

SHEET NO.

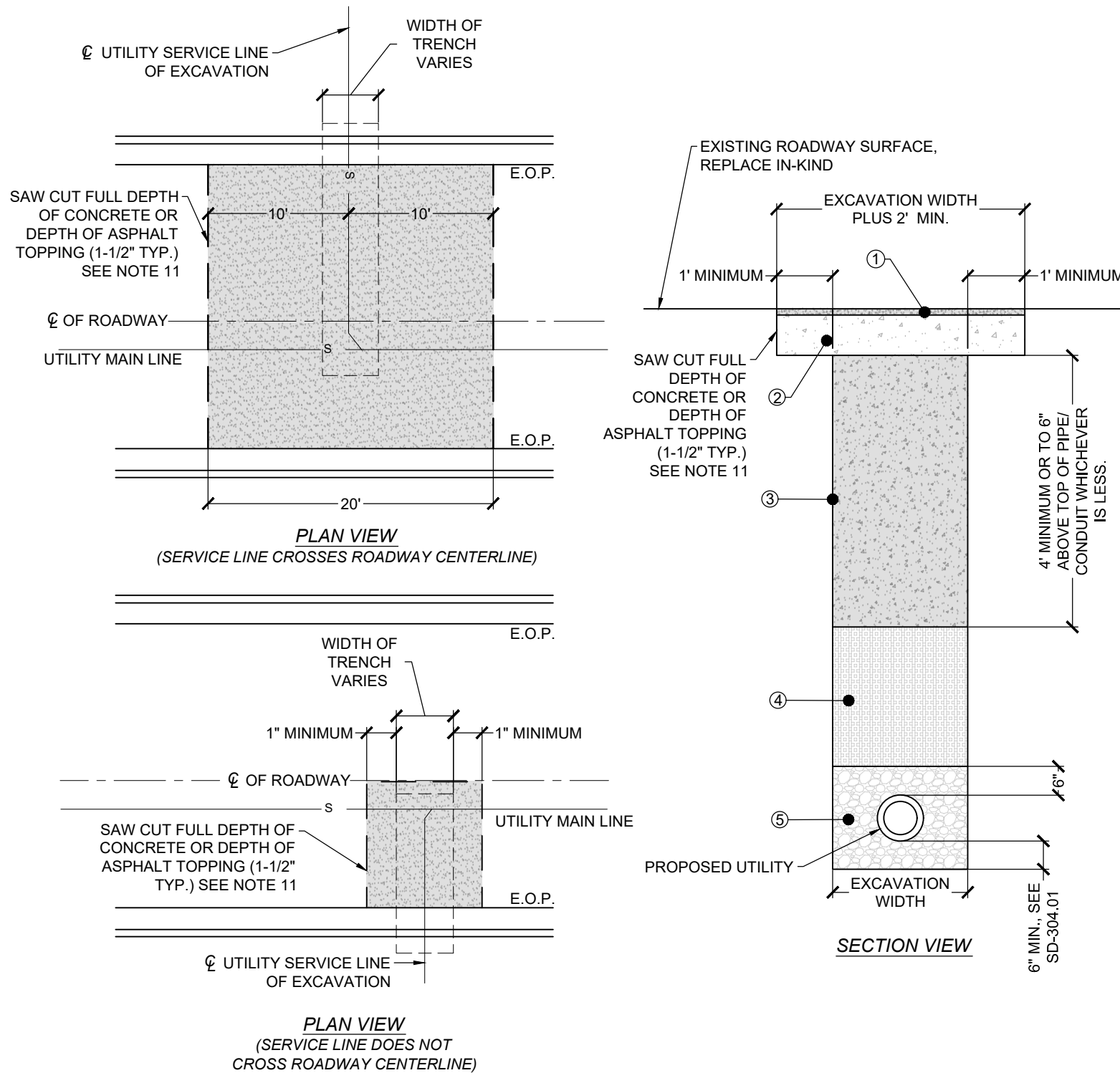
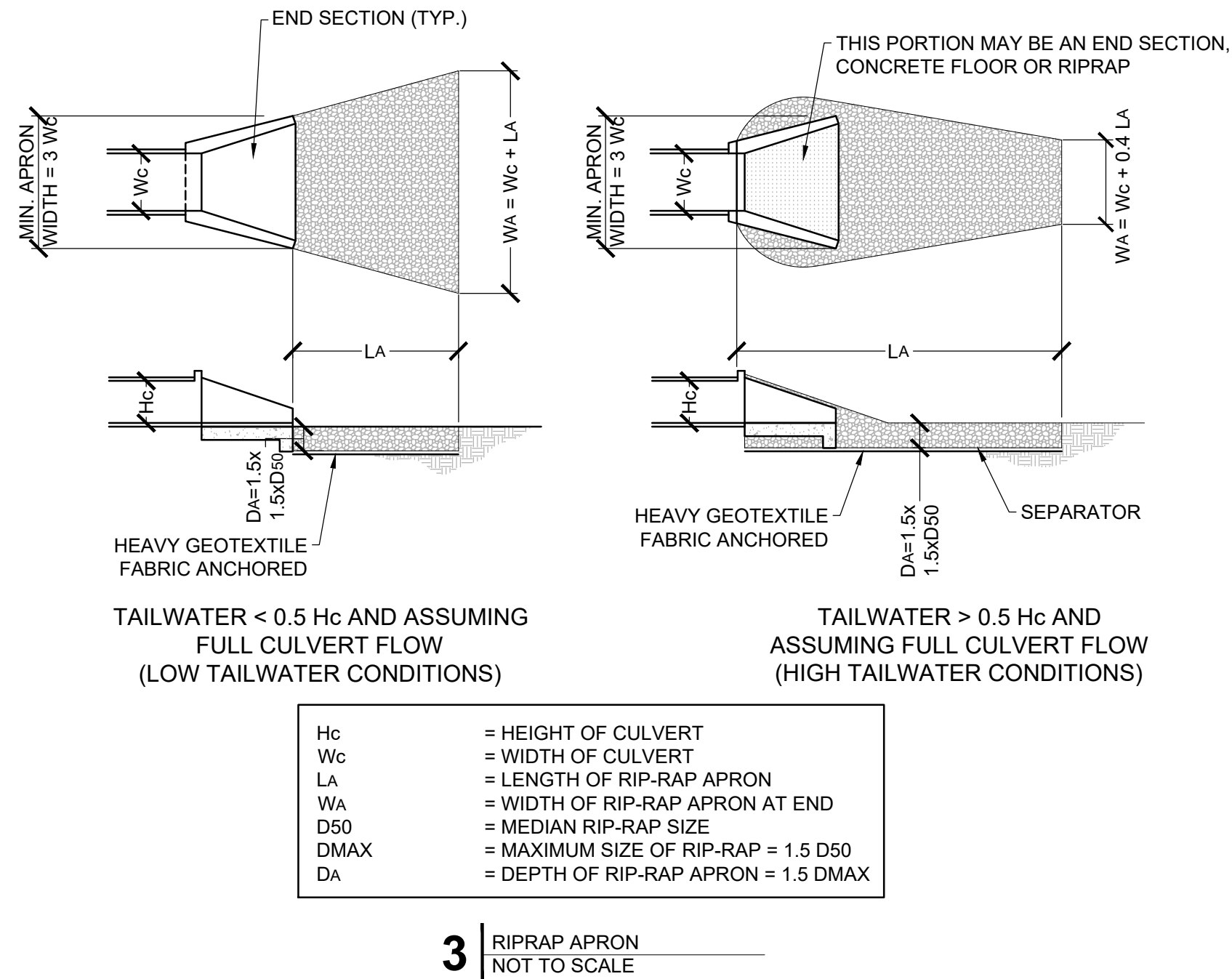
C6.3

4/23/2019 1:44:04 PM | j:\01_projects\2023\23-0130 city of lakesite stormwater improvements\3-engineering\Civil\Sheets\06 CONSTRUCTION DETAILS.dwg |



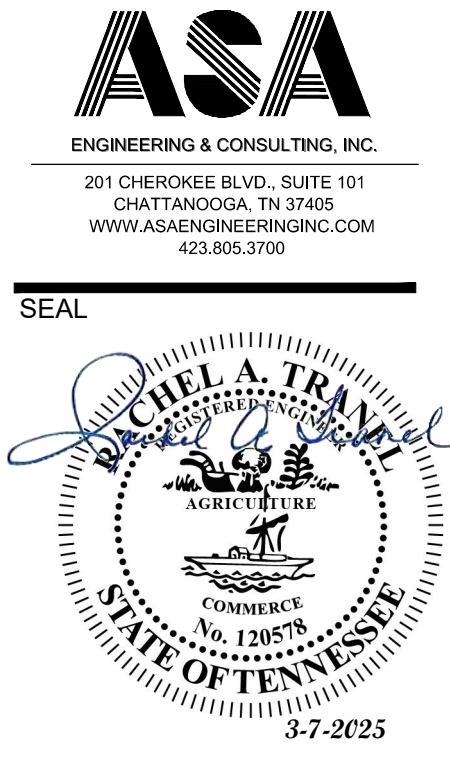
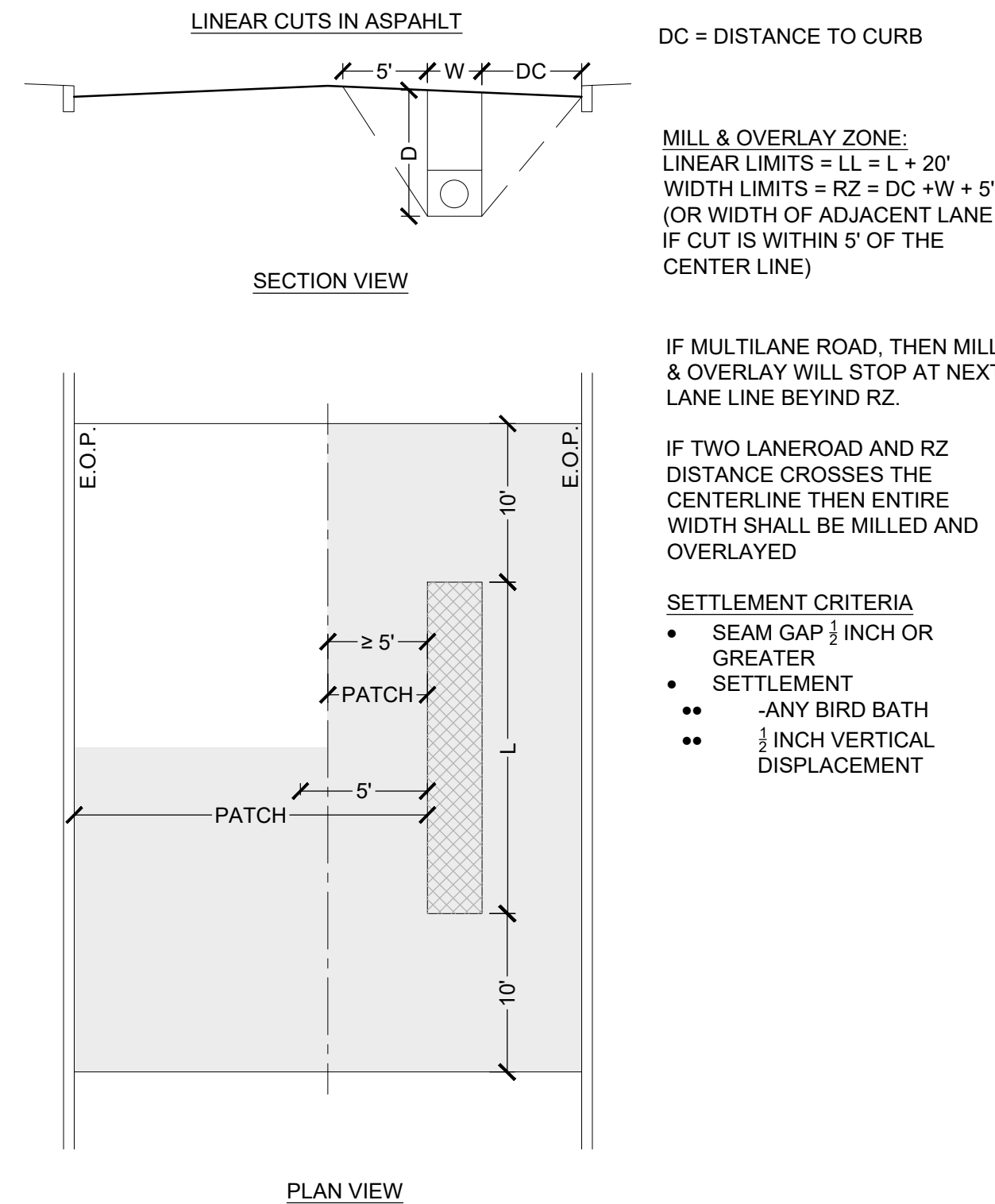
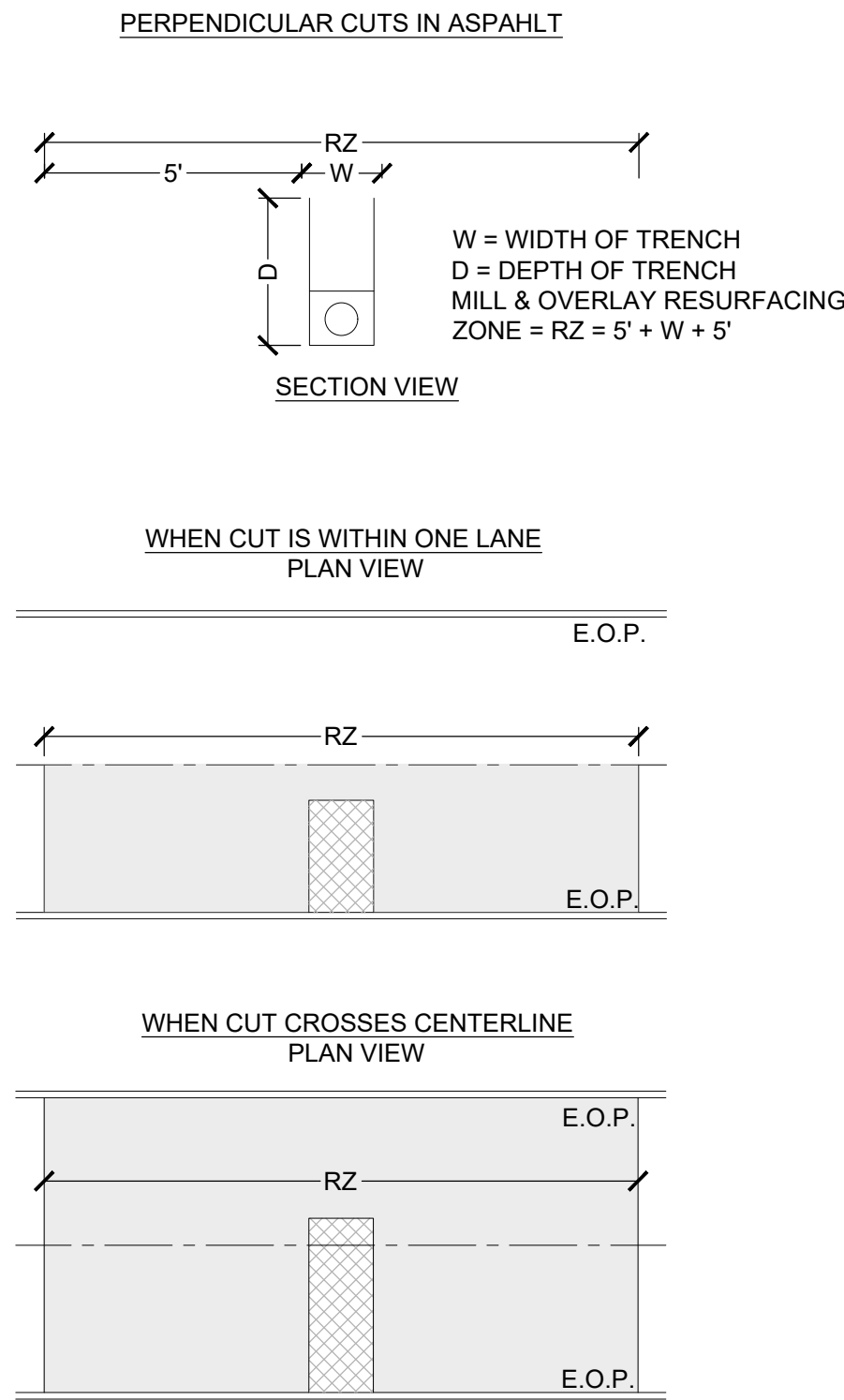
PIPE SIZE	A	D	E	F	T min
15	2'-6"	5'-0"	2'-6"	1'-9"	0'-6"
18	2'-6"	5'-0"	2'-6"	1'-9"	0'-6"
21	2'-6"	5'-0"	2'-6"	1'-9"	0'-6"
24	4'-0"	6'-6"	3'-0"	3'-3"	0'-6"
30	4'-0"	6'-6"	3'-0"	3'-3"	0'-6"
36	5'-6"	8'-0"	3'-6"	4'-5"	0'-6"
42	5'-6"	8'-0"	3'-6"	4'-5"	0'-6"
48	5'-6"	8'-0"	3'-6"	4'-5"	0'-6"
54	7'-0"	9'-5"	4'-6"	5'-9"	0'-6"
60	7'-0"	9'-5"	4'-6"	5'-9"	0'-6"
66	8'-6"	11'-0"	5'-6"	6'-11"	0'-6"
72	8'-6"	11'-0"	5'-6"	6'-11"	0'-6"

CONCRETE: 4000 PSI AT 28 DAYS REINFORCED WITH NO. 4 BARS 10" C/C EACH WAY WITH WINGS AND TOE SLAB DOWELED TO HEADWALL WITH NO. 5 BARS.
3/4" CHAMFER ON ALL EXPOSED EDGES.
NOTE:
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ENGINEER REVIEW PRIOR TO CONSTRUCTION.



- DRAWING NOTES**
- 1-1/2" GRADE "E" ASPHALT CONCRETE TOPPING, APPLY COAT PRIOR TO PLACEMENT.
 - FOR CONCRETE ROADWAY: 8" MIN. (MATCH EXISTING) CLASS "X" CONCRETE (4000 P.S.I. MIN.) COURSE BROOM FINISH. CONCRETE SHALL BE COLORED, STAMPED AND TEXTURED TO MATCH ADJACENT SURFACE.
 - FLOWABLE FILL (COMPRESSIVE STRENGTH 200-250 P.S.I. IN 48 HOURS), 4 FOOT MINIMUM OR TO WITHIN 6 INCHES ABOVE TOP OF PIPE CONCRETE ALWAYS: FILL TO THE BOTTOM OF THE EXISTING CONCRETE ROADBED.
ASPHALT ROADWAYS: FILL TO WITHIN - 1/2" OF FINISHED GRADE.
 - 1/4" LIME DUST 1/8" MINUS MANUFACTURED SAND OR 1/2" WASHED STONE.
 - BEDDING MATERIAL - SEE SD-307.01.

- GENERAL REQUIREMENTS**
- ALL STREET CUTS MUST BE BACKFILLED WITH FLOWABLE FILL WITH A COMPRESSIVE STRENGTH OF 200-250 PSI IN 48 HOURS.
 - FLOWABLE FILL SHALL BE IN PLACE FOR A MINIMUM OF 48 HOURS PRIOR TO PLACING ASPHALT OR CONCRETE TOPPING.
 - WHERE IT IS IMPRACTICAL TO USE FLOWABLE FILL DUE TO TERRAIN, SLOPE, WIDTH OF TRENCH OR OTHER SITUATIONS, THE MATERIAL FOR THE BACKFILL IN THE ROADWAY AREAS MAY BE CEMENT TREATED (9% BY UNIT WEIGHT) AGGREGATE BASE AT THE SOLE DISCRETION OF THE CITY TRANSPORTATION ENGINEER. STREETCUT INSPECTOR, BACKFILL SHALL BE PLACED IN 8" LIFTS AND SHALL BE THOROUGHLY COMPACTED BY MEANS OF A MECHANICAL TAMP.
 - WHERE LONGITUDINAL CUTS ARE MADE, THE OWNER RESERVES THE RIGHT TO REQUIRE ADDITIONAL RESURFACING BEYOND THE LIMITS OF THE REPAIR TO ENSURE THE PROPER RIDING CHARACTERISTICS AND THE STABILITY OF THE PAVEMENT.
 - BACKFILL OF TRENCHES WITHIN THE SIDEWALK AREAS SHALL BE COMPACTED GRADED AGGREGATE BASE (NOT LOOSE WASHED STONE). BACKFILL SHALL BE PLACED IN 8" LIFTS AND SHALL BE THOROUGHLY COMPACTED BY MEANS OF A MECHANICAL TAMP. IF A PERPENDICULAR CUT TRENCH REACHES THE CENTERLINE OF THE ROADWAY, THE ASPHALT MUST BE REPLACED FROM CURB TO CURB AND BE A MINIMUM OF TEN (10) FEET ON EACH SIDE OF THE CENTERLINE OF EXCAVATION. (SEE PLAN VIEW DETAIL, THIS SHEET)
 - ALL REFERENCES TO MATERIALS ARE DESCRIBED IN DETAIL IN THE CITY OF CHATTANOOGA'S STANDARD SPECIFICATIONS. THESE SPECIFICATIONS MUST BE USED AS A REFERENCE WHEN ORDERING MATERIALS.
 - ANY SUBSTITUTIONS TO THE MATERIALS REFERENCED HEREON MUST BE APPROVED BY THE CITY TRANSPORTATION ENGINEER OR STREETCUT INSPECTOR PRIOR TO INSTALLATION.
 - EXISTING CONCRETE STREETS THAT HAVE BEEN OVERLAID WITH ASPHALT SHALL BE REPAIRED WITH CONCRETE HAVING A DEPTH EQUAL TO THE EXISTING CONCRETE PLUS THE ADJACENT EXISTING ASPHALT OVERLAY.
 - WHERE EXISTING CONSTRUCTION AND EXPANSION JOINTS ARE ENCOUNTERED IN CONCRETE PAVEMENT CUTS, THE ENGINEER/INSPECTOR SHALL DESIGNATE LOCATION, SIZE AND MATERIALS TO CONSTRUCT JOINTS IN THE NEW CONCRETE SURFACE. ALL STREETCUTS SHALL BE SAWCUT THE FULL DEPTH OF CONCRETE OR DEPTH OF ASPHALT TOPPING (1-1/2" TYP.) PRIOR TO ANY OTHER DEMOLITION METHODS BEING USED.



ISSUED FOR
BID

LAKESITE STORMWATER
IMPROVEMENTS
FOR
CITY OF LAKESITE

No.	Revision/Issue	Date

PROJECT NO.	23-0130
DATE	03/08/2025
SCALE	AS SHOWN
DESIGNED BY	ASA
DRAWN BY	ASA
CHECKED BY	ASA
TITLE	CONSTRUCTION DETAILS

SHEET NO.

C7.0



Asa Engineering & Consulting, Inc.

Lakesite Drainage Improvements Pre-Bid Meeting Notes, Questions and Responses

Date: 04/11/2025

Design Team Attendees:

Mack McCarley, P.E.

Rachel Tranel, P.E., LEED AP

Christian Sawyer, EIT

A copy of the sign-in sheet for this meeting is attached to these Meeting Notes.

The meeting was called to order at 10:30 A.M. at Lakesite City Hall by Mr. Mack McCarley

Mack McCarley read the agenda to the assembled contractors and outlined the project scope. Rachel Tranel explained project specifics and opened the floor to questions from attending bidders.

Items Discussed/Questions Received During the Pre-Bid Meeting:

1. Are the two landfills listed the only two options for any earthwork that is to be removed from the site?

Response: Ms. Tranel explained that if the contractor has an alternative landfill that is preferable to use, they may submit it to the engineers so that it can be submitted to TDEC to determine if it can be approved.

2. Has an ecological study been performed for the channel to ensure no protected species are present?

Response: Ms. Tranel explained that an ecological study was performed by Asa Engineering & Consulting, Inc. for the channel as part of the project permitting.

3. Will the work hours differ between work done on the channel and the culvert replacements?

Response: Mr. McCarley explained the work hours between the channel and the culvert replacements will not differ. The City of Lakesite specifies that work is permitted Monday-Friday between the hours of 7 AM and 7 PM.

4. How far in advance will notification be required of the property owners for temporary changes in traffic patterns?

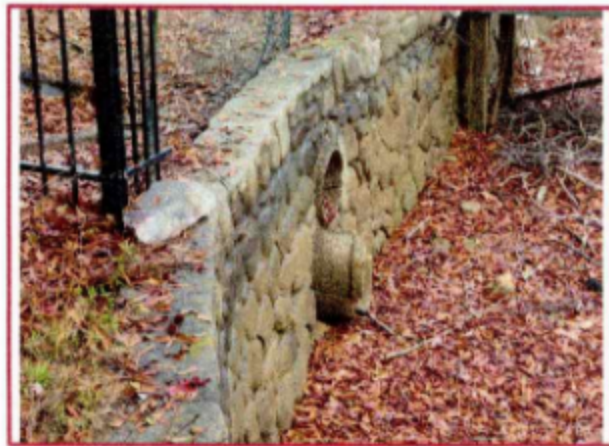
Response: Mr. McCarley explained that the homeowners need to be notified at a minimum of 3 days in advance. One week notice is preferred when feasible.

5. Was a cost estimate prepared for this project?

Response: Mr. McCarley explained that the budget for the project is based on the grant funding awarded.

6. How does the wall on Driftwood Road need to be repaired?

Response: Ms. Tranel explained that the lake wall, at the discharge of the pipe, needs to be repaired in kind. A photo of the existing condition was shared with the potential bidders.



7. Will seed and straw suffice for landscape replacement of residential yards or will sod be required?

Response: Because the area has to be repaired in kind, any areas that are not currently fescue seed will need to be sodded. Ms. Tranel noted that this would be identified in the addendum to be issued upon all final questions received.

8. What are the repair limits of roadways when they are required for culvert repair?

Response: A minimum of 50' (25' from the center of the pipe) will be required to be repaired for road crossings. Ms. Tranel noted that this would be identified in the addendum to be issued upon all final questions received.

9. How will mobilization be pro-rated on this project?

Response: Mobilization will be pro-rated based on the percentage of the project chosen to be implemented by the City Commission. If 60% of the project areas are chosen to move ahead with improvements, 60% of the submitted mobilization amount will be used for pay purposes.

10. Was this Pre-Bid meeting mandatory to bid on the project?

Response: Mr. McCarley stated that it would need to be clarified and he would address this in the meeting notes. Based on City attorney review, it was not stated that the attendance was mandatory to bid on this project. Therefore, the City will accept bids from contractors that were not in attendance.

11. What is the estimated schedule for this project?

Response: The schedule for this project is construction starting by June 2025, completing on December 15, 2025, and final inspections being completed on January 8, 2026. All final bidder questions are due by April 8, 2025 (two weeks from the date of meeting). Any addendum needed to respond to questions will be issued no later than April 16, 2025. Final bids are due April 30, 2025 at 11 am EST and bid award notice is anticipated on or around May 22, 2025.

12. Will there be liquidated damages for missing the construction deadline?

Response: Mr. McCarley explained the funding is grant driven, consequently the project has a hard deadline to complete.

13. What additional forms are needed for bidding this project?

Response: Mr. McCarley and Ms. Tranel explained that the necessary forms for bidding are included in the bid package which can be obtained from the City along with the drawings issued for bid.

14. Will any additional permits be needed?

Response: Mr. McCarley and Ms. Tranel explained that all permits, as far as we know at the present time, have been obtained for the project. Coordination with property owners will need to be handled during construction as needed to access the property.

15. Will there be areas for equipment laydown along the culvert replacement routes?

Response: This will vary from work site to work site and will be coordinated with the City and property owners.

16. It was stated that Traffic Control is the responsibility of the contractor. Access for local property owners and emergency vehicles needs to be available through the work site at all times.

Response: Notation will be added to the plans regarding access in the addendum to be issued upon all final questions received.

17. Who should questions be directed to?

Response: Mr. McCarley explained that all questions should be addressed to him and copy Asa Engineering & Consulting, Inc. Email contact info. as follows:

mmccarley@pdmeng.com

csawyer@asaengineeringinc.com

The pre-bid meeting concluded at approximately 11:30 am.

After the pre-bid meeting, a field visit was conducted with interested bidders by Mr. McCarley and City staff.

Questions Received From Bidders between the Pre-Bid Meeting and April 8, 2025:

1. Was the pre-bid meeting mandatory to attend in order to bid this project?

Response: See response to pre-bid meeting comment #10.

2. Have there been or will there be changes to the specs/plans due to matters discussed during the pre-bid meeting?

Response: yes, Addendum #1 will be issued by April 16 as noted in response to pre-bid meeting comment #11.

3. If we provide alternate pricing for HDPE instead of RCP for the culverts how does that need to be displayed on the unit pricing?

Response: Show as an option in Bid Form.

4. What is the extent of the hand clearing required for the majority of the channel? Simple debris removal? Tree removal? Any hand excavation?

Response: Hand clearing of the channels indicates removal of debris, tree limbs, fallen trees or vegetation, etc. that can be removed by manual measures and not through means of equipment or excavation removal. Debris must be removed from the site.

5. Will there be a provided lay down area for each location?

Response: See response to pre-bid meeting comment #15.

6. Does excess soil have to be hauled to the Harrison or Dayton landfills?

Response: See response to pre-bid meeting comment #1.

7. Will traffic control require police or just traffic barriers/signs?

Response: Traffic control must be consistent with TDOT requirements.

8. What is required to "replace in kind" the affected areas? Will sod be required, or will seeding be sufficient?

Response: See response to pre-bid meeting comment #7.

9. Who will be the erosion control inspector and how often will we need to set up meetings with them?

Response: Contractor will be responsible for maintenance and regular monitoring. Engineer and City will perform periodic inspections.

10. Detail 3 on sheet C2.1 shows a sediment filled culvert, is there a required method of removal or is it to be done by contractors means and methods?

Response: Contractors means and methods and in accordance with the TDEC permit.

11. What is the correct square footage measurement to be used for area 3 South? It is listed as both 14,320 SF/0.992 AC which are not the same size. Area also seems to be significantly smaller than this as well.

Response: The area will be corrected in Addendum #1 to 4,385 SF (0.10 AC).

12. Is Armormax 75 and Landlok S2 required as soil stabilization matting along all parts of excavated areas, or only section STA 12+04 to STA 14+32?

Response: This type of soil stabilization is only required along the steep side slopes from STA 12+04 to 14+32.

Addendum #1

Project Name: City of Lakesite Drainage Grant Project

Bid Due Date: April 30, 2025, 11:00 a.m.

To: All Prospective Bidders

Subject: Addendum to Bid Documents

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents issued for the above-named project. Receipt of this Addendum shall be acknowledged on the Bid Form.

The following revisions, clarifications, additions, or deletions are hereby made to the Bid Documents:

Revisions/Clarifications

1. Drawing Sheet C0.1: Sodding notes/specifications have been added to the plan.
2. Drawing Sheet C4.1:
 - a. Added area of roadway repair to the plan.
 - b. Added notation to plan to refer to details for headwall.
 - c. Added notation to outfall wall repair to include: CONTRACTOR TO PROVIDE SHOP DRAWINGS OF WALL REPAIR PRIOR TO CONSTRUCTION.
 - d. Updated Note 1 as follows: CONTRACTOR IS RESPONSIBLE FOR DETERMINING FINAL CULVERT LOCATION AND SITE CONDITIONS FOR REPLACEMENT/REPAIR PRIOR TO CONSTRUCTION. DISCREPANCIES BETWEEN CONTRACTOR LOCATE AND PLAN DESIGN SHALL BE COORDINATED WITH THE ENGINEER PRIOR TO CONSTRUCTION.
 - e. Added notation for HDPE alternate to Note 2 as follows: ...OR HDPE AS LONG AS THE SITE CONDITIONS MEET TDOT SPECIFICATIONS FOR HDPE PIPE.
 - f. Added Note 7 as follows: CONTRACTOR TO PROVIDE EMERGENCY ACCESS AT ALL TIMES DURING CONSTRUCTION.
 - g. Added areas for sod restoration to the plan.
3. Drawing Sheet C4.2:
 - a. Added area of roadway repair to the plan.
 - b. Added notation to the plan to refer details for riprap outfall.
 - c. Clarified the profile view of riprap headwall to correspond with detail.
 - d. Updated Notes as described above under Drawing Sheet C4.1.
4. Drawing Sheet C4.3:
 - a. Added area of roadway repair to the plan.
 - b. Updated Notes as described above under Drawing Sheet C4.1.
5. Drawing Sheet C4.4:
 - a. Added area of roadway repair to the plan.
 - b. Extended culvert pipe at 2304 Pineway Trail to reflect accurate dimension. No change to quantity.
 - c. Updated Notes as described above under Drawing Sheet C4.1.
6. Drawing Sheet C6.1:
 - a. Corrected the area noted in Area 3, South to **4,385 SF/0.10 AC.**
7. Drawing Sheet C7.0:
 - a. Updated Detail 4 Repair Details (Roadways) to include min. 50' total roadway repair limits.

- b. Updated Detail 5 Repair Details (Roadways) to include min. 50' total roadway repair limits.
- c. Added Detail 6 Headwall / Flume at Glengerrie Drive
- d. Added Detail 7 Headwall at Geneva Trail

8. Bid Tab:

- a. Item Nos. 6.3, 7.3, 8.3, 10.3, 11.3, 12.3, 13.3 & 13.5 are corrected to Class III Concrete Pipe from Class V.
- b. Item Nos. 6.6, 7.7, 8.7, 9.4, 10.7, 11.8, 12.8 & 13.10 have been revised to clarify "Roadway" Restoration is included in the bid item.
- c. Addendum #1 Acknowledgement has been added to the bid form.

Additions

- 1. Included Pre-Bid Meeting Notes, Questions and Responses Letter dated 4/11/2024 and delivered on 4/14/2025.

Please ensure all parties involved in the preparation of your bid are aware of the changes outlined in this Addendum. Failure to acknowledge this Addendum may result in your bid being deemed non-responsive.

Sincerely,

ASA ENGINEERING & CONSULTING, INC.



Rachel A. Tranel, P.E., LEED AP
Director of Civil Engineering

Addendum #2

Project Name: City of Lakesite Drainage Grant Project

Bid Due Date: April 30, 2025, 11:00 a.m.

To: All Prospective Bidders

Subject: Addendum to Bid Documents

This Addendum forms a part of the Contract Documents and clarifies the original Bidding Documents issued for the above-named project. Receipt of this Addendum shall be acknowledged on the Bid Form.

Clarifications

The following additional questions were received since the issuance of Addendum #1. To ensure all bidders have the same information, we offer the following responses:

1. Fallen trees: Will the awarded contractor be required to remove fallen trees and root balls without the use of equipment?

Response: Any debris that cannot be removed manually within the channel will need to remain. Equipment should not be used in the channel.

2. Clarification on question 4 from the submitted questions. Will the awarded contractor have to remove any sediment by hand?

Response: No sediment should be removed from the stream channel. Equipment can be used to remove sediment within the culverts. However, care should be taken when placing/operating equipment within the banks of the channel. Any impact to the banks or channel would require restoration to pre-impact conditions.

3. What are the limits of clean up? Only in the limits of the stream channel.

Response: No sediment should be removed from the stream channel. Cleanup limits are as shown in the plan and contained within the width of the stream channel.

Please ensure all parties involved in the preparation of your bid are aware of the clarifications outlined in this Addendum. Failure to acknowledge this Addendum may result in your bid being deemed non-responsive.

Sincerely,

ASA ENGINEERING & CONSULTING, INC.



Rachel A. Tranel, P.E., LEED AP
Director of Civil Engineering

Addendum #3

Project Name: City of Lakesite Drainage Grant Project

Bid Due Date: April 30, 2025, 11:00 a.m.

To: All Prospective Bidders

Subject: Addendum to Bid Documents

This Addendum forms a part of the Contract Documents and clarifies the original Bidding Documents issued for the above-named project. Receipt of this Addendum shall be acknowledged on the Bid Form.

Revisions/Clarifications

1. Bid Tab:
 - a. The current item 3 includes all work between STA 17+00 to 27+50. There is no change in this direction. However, in addition to this, the City of Lakesite would like the bidders to list separately on the bid form, the portion of this bid amount for work between STA 17+00 to 20+00, only.
2. Clarification on Liquidated Damages:
 - a. As stated previously, this is a grant project. It has a fixed completion date. If the contractor fails to meet this date, they will be responsible for loss of funds for the grant or any cost attributable to the contractor.
3. Please note this is the final Addendum that will be issued for this project. Questions will no longer be accepted or addressed.

Please ensure all parties involved in the preparation of your bid are aware of the clarifications outlined in this Addendum. Failure to acknowledge this Addendum may result in your bid being deemed non-responsive.

Sincerely,

ASA ENGINEERING & CONSULTING, INC.



Rachel A. Tranel, P.E., LEED AP
Director of Civil Engineering