

NOTICE OF REGULAR MEETING
OF THE
CHICKASHA CITY COUNCIL

In compliance with Title 25, Oklahoma Statutes, Section 301-314, the Oklahoma Open Meeting Act, including the posting of notice and agenda, be advised that the Chickasha City Council, Chickasha Municipal Authority, and Chickasha Municipal Airport Authority of the City of Chickasha, Oklahoma, will conduct a **REGULAR MEETING ON TUESDAY, JANUARY 17, 2023, AT 6:30 PM.** Said meeting will be held in the Council Chambers, City Hall, 117 North 4th Street, Chickasha, Oklahoma.

The City of Chickasha encourages participation from all its citizens. If participation is not possible due to a disability, notification to the City Clerk at least 48 hours prior to the scheduled meeting is encouraged to make the necessary accommodations. The City may waive the 48-hour rule if signing is not the necessary accommodation.

All items on this agenda, including but not limited to any agenda item concerning the adoption of any ordinance, resolution, contract, agreement, or any other item of business, are subject to amendment, including additions and/or deletions. This rule will apply to every individual agenda item without exception, and without providing this same amendment language with respect to each individual agenda item. Such amendments should be rationally related to the topic of the agenda item, or the governing body will be advised to continue the item.

The governing body may adopt, approve, ratify, deny, defer, recommend, amend, strike, or continue any agenda item. When more information is needed to act on an item, the governing body may refer the matter to its City/Trust Manager, staff, attorney or to the recommending board, commission or committee.

Agenda items are attached.

I, Susan M. McDaniel, City Clerk, posted this Agenda on the official City of Chickasha bulletin board in the Municipal Building, 117 North 4th Street Chickasha, OK, 73018, which is accessible to the public twenty-four hours each day at 4:30 p.m. on Friday, January 13, 2023.



Susan M. McDaniel, CMC

Sworn to and subscribed before me on this 13th day of January 2023.

My Commission Expires: 10-1-2026

Notary Public, State of Oklahoma

CHICKASHA CITY COUNCIL

AGENDA

LOCATION OF MEETING

CITY HALL COUNCIL CHAMBERS

117 NORTH FOURTH STREET

CHICKASHA, OKLAHOMA 73018

TIME OF MEETING

6:30 PM

DATE OF MEETING

JANUARY 17, 2023

All items on this agenda, including but not limited to any agenda item concerning the adoption of any ordinance, resolution, contract, agreement, or any other item of business, are subject to amendment, including additions and/or deletions. This rule will apply to every individual agenda item without exception, and without providing this same amendment language with respect to each individual agenda item. Such amendments should be rationally related to the topic of the agenda item, or the governing body will be advised to continue the item.

The governing body may adopt, approve, ratify, deny, defer, recommend, amend, strike, or continue any agenda item. When more information is needed to act on an item, the governing body may refer the matter to its City/Trust Manager, staff, attorney or to the recommending board, commission or committee.

1. **Call to Order / Roll Call / Opening Prayer / Pledge of Allegiance.**
2. **Citizen Comments.**
3. **Council Communications.**
4. **Consent Docket:**
 - a. Acceptance of the Minutes of the January 3, 2023 regular meeting.
 - b. Acceptance of the Claims List.

5. Discussion/Approval of Items Removed from Consent Docket:

6. Discussion and Consideration

- a. Discussion, consideration and possible action to accept State Aid for the library in the amount of \$18,575.
- b. Discussion, consideration, and possible action to change the surplus of a 1992 E-1 International Pumper from sale on consignment to sell to Grady County Fire Department for a price of \$5,000.00.
- c. Discussion, consideration, and possible action to purchase 15 new MSA SCBA's with spare cylinders and spare face pieces under State Contract #SW17241 for a price not to exceed \$138,777.00.
- d. Discussion, consideration, and possible action to declare approximately 7,500 rounds of .38 & approximately 7,500 rounds of .45 ammunition surplus and authorize the Police Department to exchange it for new 9mm ammunition from R&M Arms of Minco, Oklahoma.
- e. Public Hearing - to discuss and consider the request for the Final and Preliminary plat of the 12th Street Addition for applicant Elliott Cousins, Oklahoma Limited Partnership.
- f. Discussion, consideration, and possible action to approve the Final and Preliminary plat for the 12th Street Addition for applicant Elliott Cousins, Oklahoma Limited Partnership.

7. Motion to Adjourn.



City of
CHICKASHA

Meeting Type: Council Agenda 1-17-2023

Meeting Date: 1/17/2023

Department: City Clerk

Agenda Item No. 4.a.

AGENDA ITEM: Acceptance of the Minutes of the January 3, 2023 regular meeting.

I. BACKGROUND/DESCRIPTION:

II. RECOMMENDED ACTION:

Accept the Minutes of the January 3, 2023 regular meeting.

III. FISCAL INFORMATION -

IV. FUND INFORMATION:

Dept. Director: Susan M. McDaniel, City Clerk	Fund	Account	Amount
	(To)		
	FUND	ACCOUNT	AMOUNT
Meeting Date: January 17, 2023	(From)		

V. ATTACHMENTS:

1. City 1-3-2023

January 3, 2023

The **REGULAR** meeting of the **CHICKASHA CITY COUNCIL** was held in the council chambers in city hall on the 3rd day of January 2023 as specified by advance public notice with a properly prepared agenda stating the subject matter or matters to be discussed at said meeting. Mayor Mosley called the meeting to order at 6:30 p.m.

ITEM 1. **Call to Order / Roll Call / Opening Prayer / Pledge of Allegiance**

MAYOR AND COUNCIL

PRESENT: Chris Mosley, Mayor
 Zachary Grayson, Vice-Mayor
 Oscar Nelson
 Georgianne Hebblethwaite
 R. P. Ashanti-Alexander
 Brian Gerdes
 Nate McCalla

ABSENT: Kelly Boyd
 Kea Ginn

STAFF

PRESENT: Keith Johnson, City Manager
 Cindy Rogers, Asst. City Manager
 Amanda Mullins, City Attorney
 Susan McDaniel, City Clerk
 Tony Samaniego, Fire Chief
 G. G. Music, Interim Police Chief
 Jim Crosby, Public Works Director
 Darren Martin, Chief Building Inspector
 Spencer Winzenried, Parks & Rec Director
 Lillie Huckaby, Library Director
 Shae Mortimer, Marketing & Civic Engagement Manager

ITEM 1. **Call to Order/Roll Call/Opening Prayer/Pledge of Allegiance:**

City Council Meeting 1-3-2023
6:30 p.m.

Council Member McCalla gave the invocation and Council Member Gerdes lead the Pledge of Allegiance.

ITEM 2. **Citizen Comments:**

(City Council Rules and Regulations limit visitor comments to a maximum of three minutes.)

Phylis Steelman, Chickasha – spoke in support of the Mill Building sale.

Jason Jarnagin, Chickasha – spoke in support of the Mill Building sale. .

ITEM 3. **Council Communications.**

- a. Presentation of 25 Year Service Pin by Mayor Mosley to Charles M. Peek – Fire Department.

Council Member Nelson noted a neighbor appreciated street repairs done on Oregon.

ITEM 4. **Consent Docket: ITEM 4a through ITEM 4c.**

ITEM 4a. **Acceptance of the Minutes of the December 5, 2022, regular meeting.**

ITEM 4b. **Acceptance of the Claims List.**

ITEM 4c. **Acceptance of Resolution 2023-02R amending FY 22/23 Budget.**

*Motion by Council Member Ashanti-Alexander, second by Council Member Grayson to approve the Consent Docket: ITEM 4a thru ITEM 4c.

Roll call vote:

Ayes:” Nelson, Hebblethwaite, Grayson, Ashanti-Alexander, McCalla, Gerdes and Mosley.

“Nays:” None

“Abstain:” None.

Motion carried. 7-0

ITEM 5. **Discussion/Approval of Items Removed from Consent Docket:**

No Action Taken.

ITEM 6. **Discussion and Consideration Items:**

ITEM6a. **Discussion, consideration, and possible action to accept the Police Department’s ONEOK Emergency Responder Grant program award**

**in the amount of \$2,380.00 for Employee, Citizen and Volunteer safety
& medical supplies.**

*Motion by Council Member Grayson and second by Council Member Hebblethwaite to accept the Police Department's ONEOK Emergency Responder Grant program award in the amount of \$2,380.00 to purchase medical kits/cabinets for police and animal welfare.

Roll call vote:

"Ayes:" Nelson, Hebblethwaite, Grayson, McCalla, Gerdes, Ashanti-Alexander, and Mosley.

"Nays:" None.

"Abstain:" None.

Motion passed. 7-0

ITEM 6b. Discussion, consideration, and possible action to authorize the transfer of a Police Department 9mm Glock handgun, S/N BEGK493 with three magazines, two backstraps and a Chickasha Police Department's Sergeant's Badge to retired Police Sergeant Kori Brewer per Article 25 of the current Collective Bargaining Agreement.

*Motion by Council Member Nelson and second by Council Member Gerdes to authorize the transfer of a Police Department 9mm Glock handgun, S/N BEGK493 with three magazines, two backstraps and a Chickasha Police Department's Sergeant's Badge to retired Police Sergeant Kori Brewer per Article 25 of the current Collective Bargaining Agreement.

Roll call vote:

"Ayes:" Hebblethwaite, Grayson, Ashanti-Alexander, McCalla, Gerdes, Nelson, and Mosley.

"Nays:" None.

"Abstain:" None.

Motion passed. 7-0

ITEM 6c. Discussion, consideration, and possible action to authorize the renewal of the Gonzales Pest Control Contract.

*Motion by Council Member Ashanti-Alexander and second by Council Member Hebblethwaite to authorize the renewal of the Gonzales Pest Control Contract.

Roll call vote:

"Ayes:" Hebblethwaite, Grayson, Ashanti-Alexander, McCalla, Gerdes, Nelson, and Mosley.

"Nays:" None.

City Council Meeting 1-3-2023
6:30 p.m.

“Abstain:” None.
Motion passed. 7-0

ITEM 6d. Discussion, consideration, and possible action to authorize staff to solicit bids for veterinary services contract.

*Motion by Council Member Hebblethwaite and second by Council Member Nelson to authorize staff to solicit bids for veterinary services contract.

Roll call vote:

“Ayes:” Grayson, Ashanti-Alexander, Hebblethwaite, McCalla, Gerdes, Nelson, and Mosley.
“Nays:” None.
“Abstain:” None.
Motion passed. 7-0

ITEM 6e. Public Hearing – to discuss and consider Land Development Code Chapter 46 to the Chickasha Code of Ordinances.

Hearing opened at 6:39 p.m.

No speakers.

Hearing closed at 6:40 p.m.

ITEM 6f. Discussion, consideration, and possible action to approve Ordinance 2023-08 – Chapter 46 of the City of Chickasha Code of Ordinances. (Replacement of the current Chapter 46 Subdivisions with a new Chapter 46 Land Development Code to provide new land regulations, procedures, and penalties)

*Motion by Council Member Hebblethwaite and second by Council Member McCalla to approve Ordinance 2023-08 – Chapter 46 of the City of Chickasha Code of Ordinances.

Roll call vote:

“Ayes:” McCalla, Gerdes, Ashanti-Alexander, Nelson, Hebblethwaite, Grayson, and Mosley.
“Nays:” None.
“Abstain:” None.
Motion passed. 7-0

ITEM 6g. Discussion, consideration, and possible action to authorize the purchase of two John Deere ZTrak lawn mowers using State Contract SW0190 in the amount of \$22,343.88.

*Motion by Council Member Ashanti-Alexander and second by Council Member Hebblethwaite to authorize the purchase of two John Deere ZTrak lawn mowers using State Contract SW0190 in the amount of \$22,343.88.

Roll call vote:

“Ayes:” Ashanti-Alexander, Grayson, Hebblethwaite, McCalla, Gerdes, Nelson and Mosley.

“Nays:” None.

“Abstain:” None.

Motion passed. 7-0

ITEM 6h. Public Hearing – to discuss and consider the rezoning for 1627 W. Iowa Avenue for Applicant Elsie Wilkerson.

Public Hearing opened at 6:43 p.m.

No speakers.

Public Hearing closed at 6:44 p.m.

ITEM 6i. Discussion, consideration, and possible action to approve Ordinance 2023-01 rezone request for 1627 Iowa for Elsie Wilkerson.

*Motion by Council Member Gerdes and second by Council Member McCalla to approve Ordinance 2023-01 as presented.

Roll call vote:

“Ayes:” Grayson, Hebblethwaite, McCalla, Gerdes, Ashanti-Alexander, Nelson and Mosley.

“Nays:” None.

“Abstain:” None.

Motion passed. 7-0

ITEM 6j. Public Hearing – to discuss and consider the rezoning for 1420 N. 16th for applicant Buffie Howe.

Public Hearing opened at 6:45 p.m.

No speakers.

Public Hearing closed at 6:46 p.m.

ITEM 6k. Discussion, consideration, and possible action to approve Ordinance 2023-02 rezone request for 1420 N. 16th for applicant Buffie Howe.

*Motion by Council Member McCalla and second by Council Member Ashanti-Alexander to approve Ordinance 2023-02 as presented.

Roll call vote:

“Ayes:”	Grayson, Hebblethwaite, McCalla, Gerdes, Ashanti-Alexander, Nelson and Mosley.
“Nays:”	None.
“Abstain:”	None.
Motion passed.	7-0

ITEM 6l. Discussion, consideration, and possible action to approve an amendment to the Ready2Read grant for the library.

*Motion by Council Member Ashanti-Alexander and second by Council Member Hebblethwaite to approve an amendment to the Ready2Read grant for the library.

Roll call vote:

“Ayes:”	Grayson, Hebblethwaite, McCalla, Gerdes, Ashanti-Alexander, Nelson and Mosley.
“Nays:”	None.
“Abstain:”	None.
Motion passed.	7-0

ITEM 6m. Discussion, consideration, and possible action on a tort claim filed by Courtney Chaney.

*Motion by Council Member Hebblethwaite and second by Council Member Gerdes to deny claim based on OMAG findings.

Roll call vote:

“Ayes:”	Grayson, Hebblethwaite, McCalla, Gerdes, Ashanti-Alexander, Nelson and Mosley.
“Nays:”	None.
“Abstain:”	None.
Motion passed.	7-0

ITEM 6n. Discussion, consideration, and possible action to adopt Resolution 2023-01R – Safe Routes to School policy.

City Council Meeting 1-3-2023
6:30 p.m.

*Motion by Council Member Nelson and second by Council Member Hebblethwaite to adopt Resolution 2023-01R – Safe Routes to School policy.

Roll call vote:

“Ayes:” Grayson, Hebblethwaite, McCalla, Gerdes, Ashanti-Alexander, Nelson and Mosley.

“Nays:” None.

“Abstain:” None.

Motion passed. 7-0

ITEM 6o. Discussion, consideration, and possible action to authorize staff to solicit bids for carpet replacement in Finance and Community Development offices located in City Hall.

*Motion by Council Member Gerdes and second by Council Member McCalla to authorize staff to solicit bids for carpet replacement in Finance and Community Development offices located in City Hall.

Roll call vote:

“Ayes:” Grayson, Hebblethwaite, McCalla, Gerdes, Ashanti-Alexander, Nelson and Mosley.

“Nays:” None.

“Abstain:” None.

Motion passed. 7-0

ITEM 6p. Discussion, consideration, and possible action to award bid RFP-COC-2201 to Emergency Vehicle Sales and Services of Oklahoma for a price not to exceed \$177,995.00.

*Motion by Council Member Hebblethwaite and second by Council Member Nelson to award bid RFP-COC-2201 to Emergency Vehicle Sales and Services of Oklahoma for a price not to exceed \$177,995.00.

Roll call vote:

“Ayes:” Grayson, Hebblethwaite, McCalla, Gerdes, Ashanti-Alexander, Nelson and Mosley.

“Nays:” None.

“Abstain:” None.

Motion passed. 7-0

ITEM 6q. Discussion, consideration, and possible action to approve Ordinance 2023-04 – Adding Chapter 2, Article III – Officers and Employees; Section 2-113 – Community Development Director (Adding a new section to define responsibilities).

City Council Meeting 1-3-2023
6:30 p.m.

*Motion by Council Member Hebblethwaite and second by Council Member Nelson to approve Ordinance 2023-04 as presented.

_Roll call vote:

“Ayes:” Grayson, Hebblethwaite, McCalla, Gerdes, Ashanti-Alexander, Nelson and Mosley.

“Nays:” None.

“Abstain:” None.

Motion passed. 7-0

ITEM 6r. Discussion, consideration, and possible action to approve Ordinance 2023-05 - Adding subparagraph (s); Chapter 2, Article V – Boards, Commissions, Agencies and Similar Bodies, Section 2-66 – Planning Commission. (Adding a section to better describe responsibilities).

*Motion by Council Member McCalla and second by Council Member Hebblethwaite to approve Ordinance 2023-05 as presented.

_Roll call vote:

“Ayes:” Grayson, Hebblethwaite, McCalla, Gerdes, Ashanti-Alexander, Nelson and Mosley.

“Nays:” None.

“Abstain:” None.

Motion passed. 7-0

ITEM 6s. Discussion, consideration, and possible action to approve Ordinance 2023-06 – amending Chapter 50, Traffic and Vehicles, Section 34 Manual and Specifications for traffic control devices. (Creating uniform traffic control devices).

*Motion by Council Member Hebblethwaite and second by Council Member Nelson to approve Ordinance 2023-06 as presented.

_Roll call vote:

“Ayes:” Grayson, Hebblethwaite, McCalla, Gerdes, Ashanti-Alexander, Nelson, and Mosley.

“Nays:” None.

“Abstain:” None.

Motion passed. 7-0

ITEM 6t. Discussion, consideration, and possible action to approve Ordinance 2023-07 – Repealing Chapter 22 Floodplain Development and Management. (Moving this chapter to be located in Chapter 46 and Repealing Chapter 22).

City Council Meeting 1-3-2023
6:30 p.m.

*Motion by Council Member Grayson and second by Council Member Gerdes to approve Ordinance 2023-07 as presented.

Roll call vote:

“Ayes:” Grayson, Hebblethwaite, McCalla, Gerdes, Ashanti-Alexander, Nelson, and Mosley.

“Nays:” None.

“Abstain:” None.

Motion passed. 7-0

ITEM 6u. Discussion, consideration, and possible action to approve Ordinance 2023-03 – amending Chapter 52, Utilities, Section 79 Definitions POTW, and Section 52-137 Private Sewer line connections (Updating to match terminology located in the International Building Code).

*Motion by Council Member Hebblethwaite and second by Council Member McCalla to approve Ordinance 2023-03 as presented.

Roll call vote:

“Ayes:” Grayson, Hebblethwaite, McCalla, Gerdes, Ashanti-Alexander, Nelson, and Mosley.

“Nays:” None.

“Abstain:” None.

Motion passed. 7-0

ITEM 6v. Discussion, consideration, and possible action to approve the General Drainage Policy for the City of Chickasha.

*Motion by Council Member Hebblethwaite and second by Council Member McCalla to approve the General Drainage Policy for the City of Chickasha as presented.

Roll call vote:

“Ayes:” Grayson, Hebblethwaite, McCalla, Gerdes, Ashanti-Alexander, Nelson, and Mosley.

“Nays:” None.

“Abstain:” None.

Motion passed. 7-0

ITEM 6w. Discussion, consideration, and possible action to approve the standard drawings for development, Sanitary Sewer Main Specifications and Water Main Specifications.

City Council Meeting 1-3-2023
6:30 p.m.

*Motion by Council Member Hebblethwaite and second by Council Member McCalla to approve the standard drawings for development, Sanitary Sewer Main Specifications and Water Main Specifications.

_Roll call vote:

“Ayes:” Grayson, Hebblethwaite, McCalla, Gerdes, Ashanti-Alexander, Nelson, and Mosley.

“Nays:” None.

“Abstain:” None.

Motion passed. 7-0

ITEM 6x. Discussion, consideration, and possible action to approve Ordinance 2023-09 – repealing Chapter 54 Section 102 Sealed surface driveways. (Repealing the zoning code but language moved to Chapter 46).

*Motion by Council Member Hebblethwaite and second by Council Member Grayson to approve Ordinance 2023-09 as presented.

_Roll call vote:

“Ayes:” Grayson, Hebblethwaite, McCalla, Gerdes, Ashanti-Alexander, Nelson, and Mosley.

“Nays:” None.

“Abstain:” None.

Motion passed. 7-0

ITEM 6y. Discussion, consideration, and possible action to accept Easements from the St. Luke Episcopal Church in order to repair/replace public sidewalks on the property.

*Motion by Council Member McCalla and second by Council Member Hebblethwaite to accept easements from St. Luke Episcopal Church in order for the City to repair/replace public sidewalks on the property

_Roll call vote:

“Ayes:” None.

“Nays:” Grayson, Hebblethwaite, McCalla, Gerdes, Ashanti-Alexander, Nelson, and Mosley.

“Abstain:” None.

Motion failed. 0-7

ITEM 6z. Discussion, consideration, and possible action to approve and accept a Sanitary Sewer Easement Agreement with Chickasha Travel Plaza.

City Council Meeting 1-3-2023
6:30 p.m.

*Motion by Council Member Hebblethwaite and second by Council Member Gerdes to approve and accept the Sanitary Sewer Easement Agreement with Chickasha Travel Plaza.

Roll call vote:

“Ayes:”	Grayson, Hebblethwaite, McCalla, Gerdes, Ashanti-Alexander, Nelson, and Mosley.
“Nays:”	None.
“Abstain:”	None.
Motion passed.	7-0

Motion by Council Member Nelson and seconded by Council Member Hebblethwaite to recess the meeting to enter into CMA and CMAA meetings.

Roll call vote:

“Ayes:”	Ashanti-Alexander, Grayson, Nelson, Hebblethwaite, McCalla, Gerdes, and Mosley.
“Nays:”	None.
“Abstain:”	None.
Motion passed.	7-0

Meeting recessed to enter into CMA and CMAA meetings @ 7:05 p.m.

Meeting reconvened from CMA and CMAA meetings @ 7:17 p.m.

ITEM 7. **Executive Session Items:**

ITEM 7a. **Discussion, consideration, and possible action to enter into Executive Session to discuss confidential communications between the City and City’s Attorney concerning a pending investigation, claim or action which the City with the advice of the City’s Attorneys, has determined that disclosure will seriously impair the ability of the City to process the claim or conduct the pending investigation, litigation, or proceeding in the public interest in compliance with its duty of confidentiality under the provisions of 25 O.S. Section 307B(4). (Chief of Police’s Charge of discrimination filed with the Equal Employment Opportunity Commission (EEOC), Charge Number 564-2022-02157, and information resulting from pending investigations).**

*Motion by Council Member McCalla and a second by Council Member Grayson to enter into Executive Session.

Roll call vote:

City Council Meeting 1-3-2023

6:30 p.m.

“Ayes:” Ashanti-Alexander, Grayson, Nelson, Hebblethwaite, McCalla, Gerdes, and Mosley.

“Nays:” None.

“Abstain:” None.

Motion passed. 7-0

Enter into Executive Session at 7:18 p.m.

Reconvened regular session at 7:45 p.m.

Roll Call:

Nelson - Present

Hebblethwaite - Present

Grayson - Present

Ashanti-Alexander - Present

McCalla - Present

Gerdes - Present

Mosley - Present

ITEM 7b. Consideration to reconvene the open meeting and take appropriate action on any matter discussed including possible approval of a resolution of all pending matters involving the Chief of Police including possible approval and execution of a Release and Separation Agreement.

*Motion by Council Member McCalla and a second by Council Member Gerdes to approve the Release and Separation Agreement with Chief Kathryn Rowell and resolve all pending matters.

Roll call vote:

“Ayes:” Ashanti-Alexander, Grayson, Nelson, Hebblethwaite, McCalla, Gerdes, and Mosley.

“Nays:” None.

“Abstain:” None.

Motion passed. 7-0

ITEM 7. Adjournment:

Motion by Council Member Ashanti-Alexander and second by Council Member Grayson to adjourn the meeting.

Meeting adjourned.

TIME: 7:45 P.M.

City Council Meeting 1-3-2023
6:30 p.m.

Chris Mosley, Mayor

ATTEST:

Susan M. McDaniel, CMC - City Clerk

Approved this 17th day of January 2023.



City of
CHICKASHA

Meeting Type: Council Agenda 1-17-2023

Meeting Date: 1/17/2023

Department: Finance

Agenda Item No. 4.b.

AGENDA ITEM: Acceptance of the Claims List.

I. BACKGROUND/DESCRIPTION:

II. RECOMMENDED ACTION:

Accept Claims List.

III. FISCAL INFORMATION -

IV. FUND INFORMATION:

Dept. Director:	Fund	Account	Amount
	(To)		
	FUND	ACCOUNT	AMOUNT
Meeting Date: January 17, 2023	(From)		

V. ATTACHMENTS:

1. 1.17.23 COUNCIL REPORT_Redacted

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
ADMINISTRATION	GENERAL FUND	EXPRESS STAR	PUB CMA-2204	116.17
			PUB RFP CMA-2203	119.55
		OKLAHOMA MUNICIPAL RETIRE TRANSFER ACCOUNT	OMRF3	642.43
			FICA	537.39
		OPTIONS COUNSELING SERVICE, INC.	MEDICARE	125.68
			EMPLOYEE ASSIS DEC 2022	<u>384.00</u>
			TOTAL:	1,925.22
FIRE ADMINISTRATION	GENERAL FUND	HILLARY COMMUNICATIONS LLC	FIBER INTERNET113190	299.95
			FIRE ADMIN	1,331.30
		PUBLIC SERVICE COMPANY OF OKLAHOMA OKLAHOMA FIREFIGHTERS TRANSFER ACCOUNT	FIRE PENSION	979.96
			FICA	59.61
			MEDICARE	<u>107.78</u>
			TOTAL:	2,778.60
POLICE ADMINISTRATION	GENERAL FUND	PUBLIC SERVICE COMPANY OF OKLAHOMA CITY OF CHICKASHA-(ACH) OKLAHOMA POLIC TRANSFER ACCOUNT	POLICE ADMIN	2,727.68
			POLICE PENSION	500.00
			FICA	497.52
			MEDICARE	116.35
		UNIFIRST HOLDINGS, L.P. MOTOROLA SOLUTIONS INC.	POLICE ADMIN	25.84
			RENEWAL	<u>1,565.00</u>
			TOTAL:	5,432.39
CEMETERY SERVICES	GENERAL FUND	P & K EQUIPMENT TRANSFER ACCOUNT	MOWER STARTER	253.24
			FICA	149.47
			MEDICARE	<u>34.96</u>
			TOTAL:	437.67
LIBRARY	GENERAL FUND	PUBLIC SERVICE COMPANY OF OKLAHOMA A ALERT ALARM CO TRANSFER ACCOUNT	LIBRARY	550.64
			ALARM SERVICE	38.00
			FICA	467.59
			MEDICARE	<u>109.35</u>
			TOTAL:	1,165.58
STREET & STORM DRAINAG	GENERAL FUND	PUBLIC SERVICE COMPANY OF OKLAHOMA BRANDTS ACE HARDWARE P & K EQUIPMENT TRANSFER ACCOUNT	STREET & STORM	1,795.20
			COMPRESSOR	519.00
			TRANS/HYDRAULIC OIL \$ FIL	486.95
			FICA	621.40
			MEDICARE	145.33
			STREETS	<u>100.82</u>
			TOTAL:	3,668.70
ACCOUNTING SERVICES	GENERAL FUND	TRANSFER ACCOUNT	FICA	610.33
			MEDICARE	<u>142.74</u>
			TOTAL:	753.07
COMM DEVEL/PLANNING SE	GENERAL FUND	EXPRESS STAR TRANSFER ACCOUNT	PUBLIC NOTICE FOR 12TH AD	19.20
			FICA	429.41
			MEDICARE	<u>100.43</u>
			TOTAL:	549.04
GENERAL GOVERNMENT	GENERAL FUND	STANDLEY SYSTEMS	STANDLEYS MAINT 122022	<u>10,392.51</u>
			TOTAL:	10,392.51
BUILDING SERVICES	GENERAL FUND	SMITH ROBERTS BALDISCHWIL TRANSFER ACCOUNT	ENGINEERING FEES	630.00
			FICA	295.91

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			MEDICARE	69.20
			TOTAL:	995.11
FIRE OPERATIONS	GENERAL FUND	OSU FIRE SERVICE TRAINING	S LAGUNA	1,279.00
		OKLAHOMA FIREFIGHTERS	FIRE PENSION	8,129.99
		TRANSFER ACCOUNT	MEDICARE	965.63
			TOTAL:	10,374.62
PATROL SERVICES	GENERAL FUND	CITY OF CHICKASHA-(ACH) OKLAHOMA POLIC	POLICE PENSION	5,658.28
		SPECIAL-OPS UNIFORMS, INC	NEW UNIFORMS	29.99
			NEW UNIFORMS	1,387.35
		TRANSFER ACCOUNT	FICA	3,722.17
			MEDICARE	870.51
		BOARD OF TESTS	RENEWAL COURSES	48.00
			TOTAL:	11,716.30
INVESTIGATIONS	GENERAL FUND	CITY OF CHICKASHA-(ACH) OKLAHOMA POLIC	POLICE PENSION	1,463.32
		TRANSFER ACCOUNT	FICA	881.50
			MEDICARE	206.16
			TOTAL:	2,550.98
ANIMAL CONTROL	GENERAL FUND	TRANSFER ACCOUNT	FICA	281.04
			MEDICARE	65.72
			TOTAL:	346.76
MUNICIPAL COURT	GENERAL FUND	TRANSFER ACCOUNT	FICA	95.79
			MEDICARE	22.40
			TOTAL:	118.19
DISPATCH SERVICES	GENERAL FUND	TRANSFER ACCOUNT	FICA	642.69
			MEDICARE	150.32
			TOTAL:	793.01
NEIGHBORHOOD SERVICES	GENERAL FUND	EXPRESS STAR	PUBLIC NOTICE	9.75
		RICHARD'S PRINTING	ENVELOPES FOR CODE	120.00
			TOTAL:	129.75
PARK MAINTENANCE	GENERAL FUND	VERIZON WIRELESS	PATROL SERV	80.02
		PUBLIC SERVICE COMPANY OF OKLAHOMA	PARK ADMIN	1,516.64
		TRANSFER ACCOUNT	FICA	685.84
			MEDICARE	160.40
		CAPITOL ELECTRIC MOTOR RE	PARTS FOR POOL	798.94
		UNIFIRST HOLDINGS, L.P.	PARKS	86.63
			TOTAL:	3,328.47
SPORTS COMPLEX	GENERAL FUND	EXPRESS SERVICES INC	10/18/22	1,900.03
			10/25/22	1,785.36
			11/01/22	1,369.47
			INVOICE DATE 12/28/22	1,705.41
			1/4/23	1,471.05
		HILLARY COMMUNICATIONS LLC	FIBER INTERNET 113180	124.31
		PUBLIC SERVICE COMPANY OF OKLAHOMA	SPORTS COMP	5,017.74
		P & K EQUIPMENT	MOWER PARTS	235.97
			MOWER PARTS	37.03
			MOWER PARTS	3,050.46
		TRANSFER ACCOUNT	FICA	158.46

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			MEDICARE	37.06
			TOTAL:	16,892.35
SHANNON SPRINGS (FOL)	GENERAL FUND	EXPRESS SERVICES INC	10/18/22	4,189.50
			10/25/22	4,712.19
			11/01/22	2,513.70
			INVOICE DATE 12/28/22	2,298.24
			1/04/23	2,298.24
			TOTAL:	16,011.87
GRANT(S)	GENERAL FUND	METRO EMERGENCY UPFITTERS	EQUIPMENT FOR DURANGOS	32,925.00
		MOTOROLA SOLUTIONS INC.	BODY CAMERAS	10,600.00
			TOTAL:	43,525.00
DONATIONS	DONATIONS FUND	GT DISTRIBUTORS	NEW GUNS	2,920.50
			TOTAL:	2,920.50
EMERGENCY MEDICAL SERV	EMERGENCY MED SERV	OKLAHOMA FIREFIGHTERS	FIRE PENSION	6,194.41
		TRANSFER ACCOUNT	PEHP 0045685001	1,500.00
			FICA	311.99
			MEDICARE	760.18
			TOTAL:	8,766.58
CHICKASHA INDUSTRIAL A	CHICKASHA INDUST A	A PUBLIC SERVICE COMPANY OF OKLAHOMA	SIGN	110.66
		TRANSFER ACCOUNT	FICA	154.39
			MEDICARE	36.11
			TOTAL:	301.16
EMERGENCY 911	E-911 FUND	SUDDENLINK	EMS	876.67
		HILLARY COMMUNICATIONS LLC	FIBER INTERNET113150	374.95
		PUBLIC SERVICE COMPANY OF OKLAHOMA	SIREN	30.17
			TOTAL:	1,281.79
UTILITY BILLING	CHICKASHA MUNICIPA	DATAPROSE	MONTHLY BILLING INV DP2205	4,256.96
		TRANSFER ACCOUNT	FICA	377.27
			MEDICARE	88.22
			TOTAL:	4,722.45
CMMA - CAPITAL PROJECTS	CHICKASHA MUNICIPA	AMERICAN WATERWORKS SUPPLY, INC	TAP SADDLES	3,654.00
			ANGLE VLAVE	3,446.40
			6" MJ GATE VALVE	4,325.00
		OKLAHOMA CONTRACTORS SUPP	TAP SADDLES	1,700.00
		UTILITY TECHNOLOGY SERVICES	MXU'S	4,960.00
			TOTAL:	18,085.40
PUBLIC WORKS ADMIN	CHICKASHA MUNICIPA	TRANSFER ACCOUNT	FICA	312.86
			MEDICARE	73.17
			TOTAL:	386.03
SANITATION DEPARTMENT	CHICKASHA MUNICIPA	TRANSFER ACCOUNT	FICA	78.45
			MEDICARE	18.35
		UNIFIRST HOLDINGS, L.P.	SANITATION	12.06
		WASTE CONNECTIONS OF CHICKASHA	DECEMBER 2022	185,552.94
			TOTAL:	185,661.80
WATER PLANT	CHICKASHA MUNICIPA	PUBLIC SERVICE COMPANY OF OKLAHOMA	WATER PLANT	275.60

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			TOTAL:	275.60
WASTEWATER PLANT	CHICKASHA MUNICIPA	HUGHESNET	SME33359	229.10
		PUBLIC SERVICE COMPANY OF OKLAHOMA	WASTEWATER	1,041.67
			TOTAL:	1,270.77
LINE MAINTENANCE DEPT	CHICKASHA MUNICIPA	TRANSFER ACCOUNT	FICA	919.12
			MEDICARE	214.96
		UNIFIRST HOLDINGS, L.P.	LINE MAINT	104.62
			TOTAL:	1,238.70
LAKE CHICKASHA	CHICKASHA MUNICIPA	PUBLIC SERVICE COMPANY OF OKLAHOMA	LAKE CHICK	99.78
			TOTAL:	99.78
BUILDING MAINTENANCE	CHICKASHA MUNICIPA	HILLARY COMMUNICATIONS LLC	FIBER INTERNET113370	174.31
		PUBLIC SERVICE COMPANY OF OKLAHOMA	BUILDINGS	2,567.64
		BRANDTS ACE HARDWARE	DW 20V MAX BATT 54 H 2PK	239.00
		TRANSFER ACCOUNT	FICA	94.25
			MEDICARE	22.04
		UNIFIRST HOLDINGS, L.P.	BUILDING MAINT	6.80
			TOTAL:	3,104.04
AIRPORT	AIRPORT	PUBLIC SERVICE COMPANY OF OKLAHOMA	BUILDINGS	1,677.73
		TRANSFER ACCOUNT	FICA	154.60
			MEDICARE	36.15
		WILLIAM MARVIN JOHNSON LLC	AWOS12012022	300.00
		UNIFIRST HOLDINGS, L.P.	AIRPORT	76.82
			TOTAL:	2,245.30
DEDICATED SALES TAX	CIP-DEDICATED SALE	LOGAN COUNTY ASPHALT	COLD LAY ASPALT	2,274.10
			TOTAL:	2,274.10
POLICE BOND	POLICE BOND FUND	CITY OF CHICKASHA	POLICE BOND TO POLICE TRAI	303.51
		CITY OF CHICKASHA	POLICE FINES-FEES	6,567.57
			TOTAL:	6,871.08
COMBINED INSURANCE	COMBINED INSURANCE OMAG		QRT;Y PREM-GEN LIAB/AUTO	26,077.75
			QRTLY PREM-PROPERTY INS	29,716.00
			TOTAL:	55,793.75
COMPENSATED ABSENCES	COMPENSATED ABSENC	TRANSFER ACCOUNT	FICA	54.67
			MEDICARE	12.78
			TOTAL:	67.45
NON-DEPARTMENTAL	AP/PAYROLL CASH FU	DEPARTMENT OF CHILDREN AND FAMILY SERV		287.00
		JEWELL GIVENS		125.00
		DEPARTMENT OF HUMAN SERVICES		266.57
				133.38
				164.87
				180.00
				151.75
				177.56
				100.00
				126.37
				123.75
				175.78

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
				311.57
				106.75
		OKLAHOMA FIREFIGHTERS	FIRE PENSION BUY BACK	174.01
			FIRE PENSION	9,838.52
		CITY OF CHICKASHA-(ACH) OKLAHOMA POLIC	POLICE PENSION	4,690.23
		OKLAHOMA MUNICIPAL RETIRE	OMRF3	892.28
		TRANSFER ACCOUNT	ENTITY 0037102001	4,650.00
			FEDERAL WITHHOLDING	30,708.47
			STATE INCOME TAX	11,037.00
			FICA	12,593.72
			MEDICARE	4,691.98
		CITY OF CHICKASHA FLEX SPENDING ACCOUN	UNREIMBURSED MEDICAL 23-19	<u>1,532.07</u>
			TOTAL:	83,238.63

===== FUND TOTALS =====

11	GENERAL FUND	133,885.19
20	DONATIONS FUND	2,920.50
23	EMERGENCY MED SERV FUND	8,766.58
25	CHICKASHA INDUST AUTH	301.16
27	E-911 FUND	1,281.79
31	CHICKASHA MUNICIPAL AUTH	214,844.57
39	AIRPORT	2,245.30
53	CIP-DEDICATED SALES TAX	2,274.10
64	POLICE BOND FUND	6,871.08
71	COMBINED INSURANCE	55,793.75
72	COMPENSATED ABSENCES FUND	67.45
99	AP/PAYROLL CASH FUND	83,238.63

 GRAND TOTAL: 512,490.10

SELECTION CRITERIA

SELECTION OPTIONS

VENDOR SET: 99-AP VENDOR LIST
VENDOR: All
CLASSIFICATION: All
BANK CODE: All
ITEM DATE: 1/05/2023 THRU 1/18/2023
ITEM AMOUNT: 99,999,999.00CR THRU 99,999,999.00
GL POST DATE: 0/00/0000 THRU 99/99/9999
CHECK DATE: 1/05/2023 THRU 1/18/2023

PAYROLL SELECTION

PAYROLL EXPENSES: NO
CHECK DATE: 0/00/0000 THRU 99/99/9999

PRINT OPTIONS

PRINT DATE: None
SEQUENCE: By Department
DESCRIPTION: Distribution
GL ACCTS: NO
REPORT TITLE: COUNCIL REPORT 1.17.2023
SIGNATURE LINES: 0

PACKET OPTIONS

INCLUDE REFUNDS: YES
INCLUDE OPEN ITEM:NO



City of
CHICKASHA

Meeting Type: Council Agenda 1-17-2023

Meeting Date: 1/17/2023

Department: Library

Agenda Item No. 6.a.

AGENDA ITEM: Discussion, consideration and possible action to accept State Aid for the library in the amount of \$18,575.

I. BACKGROUND/DESCRIPTION:

Annually, the Oklahoma Department of Libraries disperses State Aid to all Oklahoma Libraries. This year the amount for Chickasha Public Library is \$18,575. There are requirements as noted in the OAC document which is attached. Chickasha Public Library does meet all the requirements listed.

II. RECOMMENDED ACTION:

To accept State Aid in the amount of \$18,575 for the library and authorize staff and the Mayor to execute the appropriate documents.

III. FISCAL INFORMATION - The Oklahoma Department of Libraries will electronically transfer \$18,575 to the City of Chickasha for Chickasha Public Library.

IV. FUND INFORMATION:

Dept. Director: Lillie Huckaby Library Director	Fund	Account	Amount
	(To)1108-5211-005-1		\$18,575
	FUND	ACCOUNT	AMOUNT
Meeting Date: City Council Meeting January 17, 2023 2023-2	(From)		

V. ATTACHMENTS:

1. 2023 Agreement Chickasha
2. 2023 CHICKASHA PUBLIC LIBRARY Claim

3. OAC Title 405 Chapter 25 State Aid Grants to Public Libraries

AGREEMENT

For
2023 State Aid Recipients

WHEREAS, the State of Oklahoma and the Oklahoma Department of Libraries wish to improve library service in the State.

THEREFORE, in consideration of the mutual covenants contained herein and as set forth in the Oklahoma Administrative Code Title 405, Chapter 25;

The Department will distribute funds as per approved formula. State aid funds are dependent on the Oklahoma Department of Libraries having sufficient funds to pay awards. In case of revenue failures, payments to libraries will be reduced uniformly.

All funds shall be administered according to 11 O.S. § 17-207 (2011), which states, "Any monies received or expended by a municipality must be accounted for by fund and account."

In accepting state aid funds, the undersigned representative of a public library agrees that said library meets the standards as adopted by the Oklahoma Department of Libraries Board on April 1, 1999, amended in 2017, 2019 and 2022, or are covered by the waivers approved by the Board on December 16, 2022, that address impacts on hours of operation and Maintenance of Effort. Said library agrees to adhere to the adopted standards and to notify the Department if such standards cannot be maintained. Said library agrees to apply state aid funds for the improvement of public library services. All funds will be expended or obligated on or before July 31, 2023.

Chickasha Public Library

Authorized Representative

Library Director

Print Name and Title

Date

Date

STATE OF OKLAHOMA
Notarized Claim Voucher And
Disbursements of Payroll
Withholdings

AGENCY BUSINESS UNIT	43000
-------------------------	-------

FOR AGENCY USE: MOE 193 A
PO: 4309003299
VID: 64271 Location: 4

CLAIM OF:
City of Chickasha
Chickasha Public Library
527 Iowa AVE
Chickasha OK 73018-3445

OBJECT ACCOUNT	AMOUNT	OBJECT ACCOUNT	AMOUNT
555110	\$ 18,575.00		

Address:

FOR
\$18,575.00
AGAINST

Agency, Bd.,
Comm., Dept.: OK Dept of Libraries

ASSIGNMENT
I hereby assign this claim to

and authorize the State Treasurer to issue a warrant in payment to said assignee.

Claimant Signature

Date

TOTAL AMOUNT	\$ 18,575.00
OMES-AUDITED BY:	

DATE	ITEM	QUANTITY	ARTICLE	UNIT PRICE	AMOUNT CLAIMED	OBJECT ACCOUNT
12/20/2022			SFY 23 State Aid Grant (100% of grant) Budget Ref.: 23 Department: 2000001 CFDA:		\$ 18,575.00	555110

THIS SECTION IS NOT REQUIRED FOR WITHHOLDING PAYMENTS- EXCEPT FOR WITHHOLDING REFUNDS	TOTAL AMOUNT APPROVED	\$18,575.00
--	------------------------------	--------------------

The undersigned contractor, vendor, individual, or duly sworn agent, of lawful age, upon oath says that this claim is true and correct. Affiant further states that the work, services, or materials as shown by this claim have been completed or supplied in accordance with the plans, specifications, orders, requests, and all other terms of the contract. Affiant also states that any refunds represented by this payment are due. (NOTE: Claimant signature only for payroll withholding refunds)

Claimant

State of Oklahoma County of _____

Subscribed and sworn before me on _____,

My Commission expires _____,

Notary Public (or Clerk or Judge) _____

Department Supervisor's Approval Signature
(If required)

Date

Agency, Bd.,
or Div. Use

CHAPTER 25. STATE AID GRANTS TO PUBLIC LIBRARIES

Authority 65 O.S., § 2-106(m)

Source Codified 12-27-91

405:25-1-1. Purpose

This Chapter sets forth the required standards for eligibility of public libraries to receive state appropriated funds for library development in Oklahoma.

405:25-1-2. Definitions

The following words or terms, when used in this Chapter shall have the following meanings, unless the context clearly indicates otherwise:

"Bibliographic access" means the provision of author, title, and subject indexes to the library materials, classification and location.

"Free library service" means that libraries will provide circulation of books and library materials and admittance to library programs without charge in their service area, i.e., town, city, county or library system.

"Library system" means libraries organized under Title 65, Article 4 of the Oklahoma Statutes and funded under Article 10, § 10 A of the Oklahoma Constitution.

"Long range plan" means a written strategy for action for improvement of library service over a specified period of time officially adopted by the library board.

"ODL" means the Oklahoma Department of Libraries as defined in 65 O.S. § 3-101.

"Statement of purpose" means a written declaration of the role the library has chosen to serve its community officially adopted by the library board.

[Source: Amended at 16 Ok Reg 3052, eff 7-12-99; Amended at 34 Ok Reg 1756, eff 9-11-17]

405:25-1-3. Eligibility for State aid grants to public libraries

Eligibility for state aid grants to public libraries is governed by the requirements listed below. Eligibility may be impacted by emergency declarations by the President of the United States or the Governor of Oklahoma, public health, public safety, or other extraordinary circumstances as determined by the Director of the Oklahoma Department of Libraries and the ODL Board. Under those conditions, the Director will present recommendations to the ODL Board to modify application of specific User Service or Administration and Finance requirements. The ODL Board has the authority to accept or deny the recommendations.

(1) Basic requirements.

(A) Libraries must meet the definition of a public library as defined in 65 O.S. § 1-104.

(B) Libraries must be legally established and operating according to Oklahoma Statutes, Title 65, Article 4, § 101 and Title 11, Article 31; and Article 10, § 10A of the Oklahoma Constitution.

(2) User service requirements.

(A) Libraries must provide free library service.

(B) Libraries shall be open to the public the minimum number of hours stipulated in the following schedule. These hours shall be maintained year round. Single county systems organized under 65 O.S., §§ 151 and 552 which have branch libraries may aggregate their hours, if, discounting overlap, the citizens are served according to the following schedule:

(i) cities and towns under 2,000 population will be open 15 hours a week. The schedule will include at least two hours after 5 p.m. each week;

(ii) cities and towns of at least 2,000 but less than 5,000 people, will be open 30 hours a week. The schedule will include at least two hours after 5 p.m. each week and weekend hours are recommended;

(iii) cities with at least 5,000 but less than 10,000 people, will be open 35 hours a week. The schedule will include at least four hours after 5 p.m. each week and three weekend hours;

(iv) cities with at least 10,000, but less than 25,000, will be open 50 hours a week. The schedule will include at least eight hours after 5 p.m. each week and four weekend hours; and

(v) cities with 25,000 or more will be open 60 hours a week. The schedule will include a minimum of five weekend hours.

(C) Libraries must have a telephone located in the library with a listed number.

(D) All libraries and branches must provide internet access to the public. The library shall have a written internet use policy.

(E) All libraries shall at a minimum offer programming for youth under 18 years of age.

(F) A public library shall have a collection of materials (e.g., books, periodicals, audio-visual materials, etc.) that is circulated to the community.

(i) Libraries shall provide bibliographic access to its collection for customers.

(ii) The library shall offer interlibrary loan to customers and participate in interlibrary loan networks or consortia to borrow materials not held in the library upon request for customers. Libraries shall promote the service to customers through promotional materials and/or signs in the library and on its website to make customers aware of the service.

(iii) The library shall do an age and condition study on its collection every four years as determined by the Oklahoma Department of Libraries and report the findings to its library board and the Oklahoma Department of Libraries.

(3) Administration and finance requirements.

(A) Legally established libraries that are not part of a library system must complete and submit the Oklahoma Department of Libraries' online annual report for the preceding fiscal year by August 15th and library systems must submit such reports by October 1st.

(B) Libraries must have a board of trustees appointed by the city and or county government officials which holds regularly scheduled meetings at least quarterly and all libraries must file annually a list of trustees, terms of office and meeting times with the Oklahoma Department of Libraries. The board shall approve the policies by which the library operates. The board shall review all required policies within a four year cycle as determined by the Oklahoma Department of Libraries and shall report all current policies to the Oklahoma Department of Libraries. Required policies are:

(i) Circulation policy which shall include interlibrary loan;

(ii) Library materials selection policy; and

(iii) Internet use policy.

(C) Libraries must receive operating income from local government sources, i.e. town, city or county. A public library is primarily supported by either municipal funds or a direct library levy on a permanent basis.

(D) Local government must continue to expend an amount for library service, i.e., operating expenditures, not less than that of the preceding fiscal year, as reported on the Annual Report for Public Libraries. Public library systems organized under 65 O.S. Sections 151-161 and Sections 551-561, Sections 4-101-107.1 and Sections 4-201-206 may not reduce their millage levy. Exemption waivers to drop in operating income based on special circumstances shall be considered.

(i) If a city or county has less total income for the most recent fiscal year as compared to the immediate fiscal year, exemption to the requirement in (D) of this paragraph may be made. The Oklahoma Department of Libraries will then supply forms for city or county officials to certify that the library's budget sustained no greater reduction than the total percentage reduction of income of the city or county budget.

(ii) The requirement in (D) of this paragraph may be waived in those years when the budget is decreased according to (i) of this subparagraph.

(E) Libraries must have paid permanent employees who are employees of the town, city, county or system. Town, city, county or system must pay said employees at least the federally required minimum wage and meet the requirements of the Fair Labor Standards Act.

(F) All library directors and all personnel who work more than twenty (20) hours a week must attend at least one continuing education program each year. Staff in library systems or public libraries serving over 25,000 may meet this requirement with in-house training. Personnel are exempt if they have been employed at the library less than one (1) year.

(G) Multi-county library systems must abide by the Oklahoma Department of Libraries' rules concerning systems as set forth in Chapter 10 of this title.

(H) Libraries must file with the Oklahoma Department of Libraries, Office of Library Development, a report of expenditures made with state aid grant funds each preceding fiscal year by August 15th and library systems must submit such reports by October 1st.

(I) Libraries must have a written statement of purpose.

(J) Libraries shall provide annual library visits each year on the annual report to the Oklahoma Department of Libraries.

(K) Libraries must provide bibliographic access to their collections.

(L) Libraries serving a population of 10,000 or more must have submitted to the Oklahoma Department of Libraries a long range plan written or updated within the last 3 years. This document must address future directions of the library for services and resources, and must be approved by the local library board.

(M) Libraries that are a department of municipal government in cities serving a population of 25,000 or more must employ a director with a Master's Degree in Library and Information Science from a library

school accredited by the American Library Association or an alternate degree as follows. A comparable master's degree in business, education, school library media, or public administration, with a minimum of five years of prior supervisory library experience shall also be acceptable. For those with an alternate degree but without prior experience working in a library, the director shall complete the Institute in Public Librarianship Certification Program within two years of employment as director.

(N) Libraries will evaluate, deselect and maintain their collections ensuring that their collections include up-to-date and useful materials and report the figures to its library board and to the Oklahoma Department of Libraries.

(O) Libraries shall submit performance measures to the Oklahoma Department of Libraries on a schedule as determined by the Oklahoma Department of Libraries.

[Source: Amended at 16 Ok Reg 3052, eff 7-12-99 ¹; Amended at 34 Ok Reg 1756, eff 9-11-17; Amended at 39 Ok Reg 1901, eff 9-11-22]

EDITOR'S NOTE: ¹ An Editor's Notice was published in the 9/15/99 issue of *The Oklahoma Register* [16 Ok Reg 3601], which identified a technical error that occurred when subparagraph (2)(B)(ii) of this Section 405:25-1-3 was published in the 7/1/99 issue of the *Register* [16 Ok Reg 3052]. The language that read "3 hours a week" in that subparagraph should have read "30 hours a week." A similar Editor's Note was also published at OAC 405:25-1-3 in the *Oklahoma Administrative Code* until the Section was amended again on 9-11-17.

405:25-1-4. Use of state aid funds

State aid funds cannot be used for construction, remodeling, land, vehicles, or items that will become a permanent part of the building, such as carpet or air conditioners.

405:25-1-5. Ineligibility notification

(a) When libraries are found to be ineligible for State Aid, ODL will notify the librarian and the City Manager, and shall state the reasons for ineligibility. The librarian will then have a period of two weeks from receipt of notification in which to submit additional evidence of eligibility. Such appeals shall be reviewed by the ODL administration and a final decision made.

(b) The Oklahoma Department of Libraries Board shall serve as an appeal board in the agency's execution of the State Aid Grants to Public Libraries. After the Oklahoma Department of Libraries administration denies a community's eligibility for state aid, a community may appeal the ineligibility for state aid by agency administration to the Oklahoma Department of Libraries Board at a special board meeting. The community must file the appeal to the Oklahoma Department of Libraries Board within seven days of receipt of the denial by the agency administration. The Board shall affirm the administration's determination unless it finds such determination is contrary to applicable rules.

[Source: Amended at 36 Ok Reg 980, eff 7-25-19]

405:25-1-6. State aid formula

The Oklahoma Department of Libraries will utilize the latest population estimates from the United States Census Bureau to determine per capita payments for the distribution of state aid funds for public libraries.

[Source: Amended at 16 Ok Reg 3052, eff 7-12-99; Amended at 34 Ok Reg 1756, eff 9-11-17]



City of
CHICKASHA

Meeting Type: Council Agenda 1-17-2023

Meeting Date: 1/17/2023

Department: Fire Department

Agenda Item No. 6.b.

AGENDA ITEM: Discussion, consideration, and possible action to change the surplus of a 1992 E-1 International Pumper from sale on consignment to sell to Grady County Fire Department for a price of \$5,000.00.

I. BACKGROUND/DESCRIPTION:

Previously Council approved the the sale of a 1992 E-1 International pumper at consignment. Grady County Fire Department made an offer to purchase the truck outside of consignment for \$5,000.00. By selling to Grady County we should be in the same price range that we would have by selling at consignment. The benefit of selling to Grady County is the truck will be stationed at one of our mutual aid departments. The truck will now benefit us and our surrounding communities.

II. RECOMMENDED ACTION:

Staff recommends selling the apparatus to Grady County Fire Department rather than selling at consignment.

III. FISCAL INFORMATION - Chickasha will receive \$5,000.00 for the sale.

IV. FUND INFORMATION:

Dept. Director: Tony Samaniego, Fire Chief	Fund	Account	Amount
	(To)		
	FUND	ACCOUNT	AMOUNT
Meeting Date: January 17, 2023	(From)		

V. ATTACHMENTS:



City of
CHICKASHA

Meeting Type: Council Agenda 1-17-2023

Meeting Date: 1/17/2023

Department: Fire Department

Agenda Item No. 6.c.

AGENDA ITEM: Discussion, consideration, and possible action to purchase 15 new MSA SCBA's with spare cylinders and spare face pieces under State Contract #SW17241 for a price not to exceed \$138,777.00.

I. BACKGROUND/DESCRIPTION:

The Fire Department currently has 20 SCBA's throughout the department. Ideally, the department should be between 40 and 50 SCBA's. We consistently have 2/3 SCBA's that are out of service and have SCBA's that malfunction while on fires. Purchasing these SCBA's will provide us with an adequate number of breathing apparatus and allow us to rotate SCBA's prolonging the life and providing more safety to our firefighters.

II. RECOMMENDED ACTION:

Staff recommends the purchase of 15 SCBA's not to exceed \$138,777.00 on State Contract # SW17241.

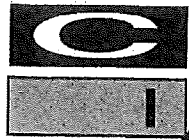
III. FISCAL INFORMATION - See Cindy.

IV. FUND INFORMATION:

Dept. Director: Tony Samaniego, Fire Chief	Fund	Account	Amount
	(To)		
	FUND	ACCOUNT	AMOUNT
Meeting Date: January 17, 2023	(From)		

V. ATTACHMENTS:

- 20230109124857539



"Providing protection for those who protect us"

Casco

Industries, Inc.

3601 NW 10th
Oklahoma City, OK 73107

www.cascoindustries.com

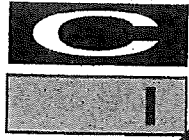
Office 405 945-0400
Fax 405 945-0401

Chickasha Fire Dept.
1/7/2023

<u>ITEM</u>	<u>PRICE</u>	<u>QTY</u>	<u>TOTAL</u>
Statewide Contract Number – SW17241 Category 2 Line Item Number – 12 Item ID Number – 1000031787 Category Code - 46191607			
MSA - G1 SCBA Includes: SCBA backframe with Quick connections Rechargeable Battery Voice Amp. Adjustable swiveling lumbar pad Integrated PASS device 45 min. 4500 psi bottle with quick connect adapter Facepiece with Mask Bag 1st Year Flow Test for each SCBA purchased	\$7,397.00	15	\$110,955.00
MSA – G1 Spare Facepiece	\$385.00	10	\$3,850.00
MSA – G1 Spare 45 min. 4500 psi cylinder	\$1,140.00	15	\$17,100.00
MSA - G1 Battery Charging Station	\$796.00	2	\$1,592.00
MSA - G1 Spare Rechargeable Battery Packs	\$440.00	12	\$5,280.00
		Total:	\$138,777.00

Mark Richardson
Cell # - 580-467-4199
mrichardson@cascoindustries.com

Call Toll Free: 1-800-749-3552



Providing protection for those who protect us

Casco

Industries, Inc.

3601 NW 10th
Oklahoma City, OK 73107

www.cascoindustries.com

Office 405 945-0400
Fax 405 945-0401

Chickasha Fire Dept.
1/7/2023

<u>ITEM</u>	<u>PRICE</u>	<u>QTY</u>	<u>TOTAL</u>
Statewide Contract Number – SW17241 Category 2 Line Item Number – 12 Item ID Number – 1000031787 Category Code - 46191607			
MSA - G1 SCBA Includes: SCBA backframe with Quick connections Rechargeable Battery Voice Amp. Adjustable swiveling lumbar pad Integrated PASS device 45 min. 4500 psi bottle with quick connect adapter Facepiece with Mask Bag 1st Year Flow Test for each SCBA purchased	\$7,397.00	10	\$73,970.00
MSA – G1 Spare Facepiece	\$385.00	10	\$3,850.00
MSA – G1 Spare 45 min. 4500 psi cylinder	\$1,140.00	10	\$11,400.00
MSA - G1 Battery Charging Station	\$796.00	1	\$796.00
MSA - G1 Spare Rechargeable Battery Packs	\$440.00	6	\$2,640.00
		Total:	\$92,656.00

Mark Richardson
Cell # - 580-467-4199
mrichardson@cascoindustries.com

Call Toll Free: 1-800-749-3552



City of
CHICKASHA

Meeting Type: Council Agenda 1-17-2023

Meeting Date: 1/17/2023

Department: Police Department

Agenda Item No. 6.d.

AGENDA ITEM: Discussion, consideration, and possible action to declare approximately 7,500 rounds of .38 & approximately 7,500 rounds of .45 ammunition surplus and authorize the Police Department to exchange it for new 9mm ammunition from R&M Arms of Minco, Oklahoma.

I. BACKGROUND/DESCRIPTION:

Discussion, consideration, and possible action to surplus Police Department ammunition and exchange it for new ammunition. The police department has about 7,500 rounds of .38 & about 7,500 rounds of .45 that will not and is not being used and is having difficulty obtaining ammunition for training and qualifications. This ammunition is approximately 8-12 years old. The department issues 9mm ammunition. We have communicated with several ammunition suppliers with most orders being 12-18 months behind. R&M Arms in Minco, Oklahoma is agreeable to the exchange and has approved a 2 to 1 exchange since our ammunition are reloads. No other vendors or suppliers have agreed to an exchange in any form. The replacement ammo meets the following requirements: (1) is brand name ammunition (probably Blazer or Fiocchi), (2) is clean burning and (3) is factory loaded in brass casings. The surplus & exchange does not exceed \$10,000.00. No money will change hands.

II. RECOMMENDED ACTION:

Staff recommends the Council approve the surplus of the old ammunition & exchange for the new factory loaded ammunition with R&M Arms of Minco, Oklahoma.

III. FISCAL INFORMATION -

IV. FUND INFORMATION:

Dept. Director: Goebel Music	Fund	Account	Amount
	(To)		

Interim Chief of Police	FUND	ACCOUNT	AMOUNT
Meeting Date: 01.17.2023	(From)		

V. ATTACHMENTS:

1. R&M Arms



1/10/2023

208 W Main St.
Minco, OK 73059

Mr King,

R&M Arms would like to offer you a trade for your surplus reload ammunition of 38 special/357 Mag and 45 ACP. We will trade one 50 round box of 9mm FMJ 115 gr for two 50 round boxes of your surplus 38 special/357 Mag, and 45 ACP.

Sincerely,

Mindy Porter

R&M ARMS
208 W Main St.
Minco, OK 73059
405-568-2236

208 W MAIN ST. MINCO, OK 73059
405-568-2236
EMAIL: RANDMARMS@GMAIL.COM



City of
CHICKASHA

Meeting Type: Council Agenda 1-17-2023

Meeting Date: 1/17/2023

Department: Community Development

Agenda Item No. 6.e.

AGENDA ITEM: Public Hearing - to discuss and consider the request for the Final and Preliminary plat of the 12th Street Addition for applicant Elliott Cousins, Oklahoma Limited Partnership.

I. BACKGROUND/DESCRIPTION:

II. RECOMMENDED ACTION:

Hold Public Hearing

III. FISCAL INFORMATION -

IV. FUND INFORMATION:

Dept. Director: Rachel Bernish, Community Development Director	Fund	Account	Amount
	(To)		
	FUND	ACCOUNT	AMOUNT
Meeting Date: January 17, 2023	(From)		

V. ATTACHMENTS:



City of
CHICKASHA

Meeting Type: Council Agenda 1-17-2023

Meeting Date: 1/17/2023

Department: Community Development

Agenda Item No. 6.f.

AGENDA ITEM: Discussion, consideration, and possible action to approve the Final and Preliminary plat for the 12th Street Addition for applicant Elliott Cousins, Oklahoma Limited Partnership.

I. BACKGROUND/DESCRIPTION:

This will be for 4 lots on the West side of 12th Street and California.

The Planning Commission recommends this for approval.

This was reviewed and recommended by Engineer Scott Vaughn.

Public Works has also reviewed and approved the plans.

II. RECOMMENDED ACTION:

Approve the Final and Preliminary plat for the 12th Street Addition for applicant Elliott Cousins, Oklahoma Limited Partnership.

III. FISCAL INFORMATION -

IV. FUND INFORMATION:

Dept. Director: Rachel Bernish, Community Development Director	Fund	Account	Amount
	(To)		
	FUND	ACCOUNT	AMOUNT
Meeting Date: January 17, 2023	(From)		

V. ATTACHMENTS:

1. 20221229104329659 (2)
2. West Side of 12th St. Addition Sanitary Sewer Plans (2)
3. West Side of 12th St. Addition Water Line Layout Plan (3)
4. West Side of 12th Street Addition Final Plat with 2 sheets (2)

5. West Side of 12th Street Addition Preliminary Plat (2)

14-10-4894
Washita Valley Abstract Company
WVAC 141847



I-2014-027810 Book 4856 Pg: 386
12/31/2014 12:38 pm Pg 0386-0386
Fee: \$ 13.00 Doc: \$ 183.00
Sharon Shoemaker - Grady County Clerk
State of Oklahoma

INDIVIDUAL
WARRANTY DEED
(Oklahoma Statutory Form)

That Edd D. Rhoades, Jr. and John L. Rhoades, Successor Co-Trustees of The Edd D. Rhoades and Erma Rhoades Revocable Trust dated February 3, 1992, Parties of the first part, in consideration of the sum of TEN & NO/100 and other valuable considerations, in hand paid, the receipt of which is hereby acknowledged, do/does hereby grant, bargain, sell and convey unto Elliott Cousins Limited Partnership, of PO Box 460 - Chickasha, OK 73023, Party of the second part, the following described real property and premises situate in Grady County, State of Oklahoma, to-wit:

SURFACE RIGHTS ONLY

A tract of land in the S/2 of Lot 4, being the fractional NW/4 NW/4 of Section 4, Township 6 North, Range 7 West of the I.M., Grady County, State of Oklahoma, described as follows: Beginning at the Southeast corner of said Lot 4; thence North 00°03'01" East a distance of 505.37 feet; thence North 89°51'50" West a distance of 308.00; thence South 00°03'01" West a distance of 505.29 feet; thence South 89°50'38" East a distance of 308.00 feet to the point of beginning.

PROPERTY ADDRESS: 2400 S. 12th St., Chickasha, OK 73018

together with all the improvements thereon and the appurtenances thereunto belonging, and warrant the title to the same.

TO HAVE AND TO HOLD said described premises unto the said party of the second part, their heirs and assigns, forever, free, clear and discharged of and from all former grants, charges, taxes, judgments, mortgages and other liens and encumbrances of whatsoever nature.

EXCEPT covenants, conditions, easements, restrictions and mineral conveyances of record.

Signed and delivered this 31 day of **December**, 2014.

Edd D. Rhoades, Jr. and John L. Rhoades, Successor
Co-Trustees of The Edd D. Rhoades and Erma
Rhoades Revocable Trust dated February 3, 1992

Edd D. Rhoades, Jr.
By: Edd D. Rhoades, Jr., Successor Co-Trustee

John L. Rhoades
By: John L. Rhoades, Successor Co-Trustee

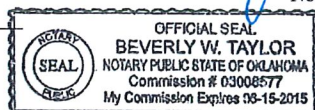
State of OKLAHOMA)
)
) SS.
County of GRADY)

Before me, the undersigned, a Notary Public in and for said County and State, on this 31 day of December, 2014 personally appeared Edd D. Rhoades, Jr. and John L. Rhoades, Successor Co-Trustees of The Edd D. Rhoades and Erma Rhoades Revocable Trust dated February 3, 1992, to me known to be the identical persons who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

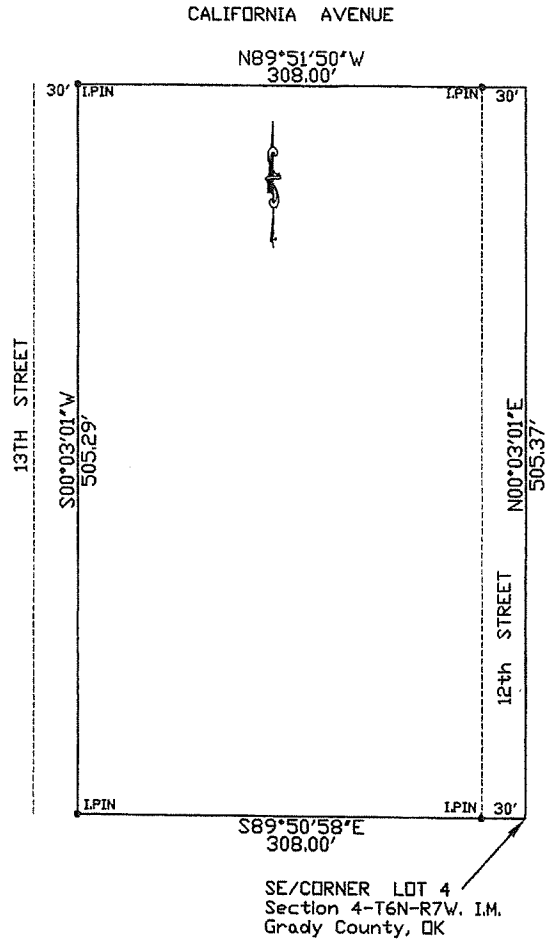
Given under my hand and seal the day and year last above written.

My Commission Expires:

6-15-15



Beverly W. Taylor
Notary Public



A tract of land located in the South Half of Lot 4, (NW/4 NW/4) of Section 4-Township 6 North-Range 7 West of the Indian Meridian, Grady County, Oklahoma, described as follows:
Beginning at the Southeast corner of said Lot 4, thence N.00°03'01"E. a distance of 505.37 feet; thence N.89°51'50"W. a distance of 308.00 feet; thence S.00°03'01"W. a distance of 505.29 feet; thence S.89°50'58"E. a distance of 308.00 feet to the point of beginning.

Date: - November 28, 2014

This Plat of Survey meets the Oklahoma Minimum Standards for the practice of Land Surveying as adopted by the Oklahoma State Board of Licensure for Professional Engineers and Land Surveyors.

PATHFINDER RESOURCES
PO Box 1467
Chickasha, OK 73023
CA # 3680



CITY OF CHICKASHA
APPLICATION FOR FINAL SUBDIVISION PLAT APPROVAL

I (We), hereby make application for approval of the subdivision of land described below and on the accompanying plat under authority of the City of Chickasha's Subdivision Regulations. Supplementary materials are attached hereto and specifically made a part of this application for all purposes. I (We) accept responsibility for any errors or omissions on this form and accompanying supplementary materials even if such errors or omissions should result in the postponement of this plat review by the Planning Commission and/or City Council.

Applicant Name: Agent Gary Noland, PE
for Property Owner: Elliott Cousins, Okla. Limited Partnership
Address: 2500 McGee Drive, Suite 100, Norman, OK 73072
Phone Number: 405-574-6856
Owner's Name: Elliott Cousins, Okla. Limited Partnership Attn: Greg Elliott + Blake Elliott
Property Owners Address: 528 West Iowa, Chickasha, OK 73018
Phone Number: 405-224-0819
Engineer/Surveyor: Gary Noland, PE SRB LLC
Address: 2500 McGee Drive, Suite 100, Norman, OK 73072
Phone Number: 405-574-6856

Subdivision Location: 2400 S. 12th Street on West Side 12th Street South Side of California Ave
Total Acreage: 1.74 Ac. Total Lots: 4 Total To Be Developed: 3 lots
1 lot existing

Describe existing/proposed easements or other restrictions on or effecting the property:

Proposed drainage and utility easements are
shown on Plat.

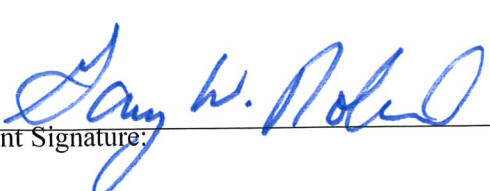
Describe vacations of plats, easements, etc. needed:

Proposed drainage and utility easements are shown
on Plat

Proposed Land Uses:

Present Zoning: R1 Single Family
Proposed Land Use: Residential

Proposed Zoning: R1 Single Family
Residential

Applicant Signature: 

Date: 6-28-22

Legal Publication
(Published in The Express-Star December 15th, 2022)
From: Community Development
Applicant: Elliot Cousins Oklahoma Limited Partnership
Re: Preliminary and Final Plat of the West Side of 12th Street Addition.
Location: 2400 S 12th Street; West side of 12th Street and south side of California Ave.
Legal: a tract of land in the S/2 of Lot 4, being the fractional NW/4 NW/4 of Section 4, Township 6 North, Range 7 West of the Indian Meridian, Grady County, State of Oklahoma.
When: Planning Commission January 10, 2023 at 4 pm in the City of Chickasha City Council Chambers, City Council Hearing will be January 17, 2023 at 6:30 PM in the City Council Chambers.
Please contact community development with questions or concerns. 405-222-6010; rachel.bernish@chickasha.org

Proof of Publication

2400 S 12th Street

Affidavit of Publication

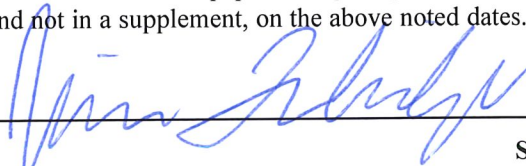
State of Oklahoma, County of Grady, ss:
I, the undersigned publisher, editor or Authorized Agent of the Chickasha Daily Express, do solemnly swear that the attached advertisement was published in said paper as follows:

1st Publication

December 15, 2022

That said newspaper is Weekly, in the city of Chickasha, Grady County, Oklahoma, a Weekly newspaper qualified to publish legal notices, advertisements and publications as provided in Section 106 of Title 25, Oklahoma Statutes 1971, as amended, and complies with all other requirements of the laws of Oklahoma with reference to legal publications.

That said Notice, a true copy of which is attached hereto, was published in the regular edition of said newspaper during the period and time of publications and not in a supplement, on the above noted dates.



Signature

Subscribed and sworn before me on this 15th day of December 2022.



My commission expires July 10, 2024.

Notary Public
Commission #
20008340

Cost of Publication \$ 19.20

Ad # 00510621

Acct # 23151928

Copies: 1

PAY TO

The Express Star
PO Drawer E
Chickasha, OK 73023

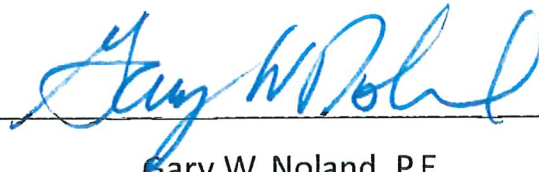


WEST SIDE OF 12TH STREET
ADDITION
2400 S. 12TH STREET
CHICKASHA, OKLAHOMA

DRAINAGE ANALYSIS REPORT FOR

WEST SIDE OF 12TH STREET ADDITION
CHICKASHA, OKLAHOMA

SEPTEMBER 1, 2022



Gary W. Noland, P.E.



SUBMITTED BY:



ENGINEERING | SURVEYING | PLANNING

SMITH ROBERTS BALDISCHWILER, LLC

2500 MCGEE DRIVE, SUITE 100 | NORMAN, OK 73072 | 405.418.2288

SRB PROJECT #116706



1.0 INTRODUCTION

West Side of 12th Street Addition is a Plat for a single family residential development site with four lots, one lot already developed with a house. The site is located in the Northwest Quarter of Section 4, Township 6 North, Range 7 West of the Indian Meridian, bounded by 12th Street along the east, 13th Street to the west and south of California Ave. in Chickasha, OK.

2.0 SITE CONDITIONS

The site surface drain through the development from the west towards the east with the area of the drainage basin being 41.87 acres. Storm water sheet flows through the site to an existing 66 inch CGMP culvert under 12th Street towards the north end of Lot 3. Drainage Exhibit with drainage area is included in Appendix A.

3.0 STORM WATER DRAINAGE ANALYSIS

3.1 METHODOLOGY

The procedure used for drainage calculations on the existing 66 inch CGMP culvert under 12th Street was to calculate peak discharges using the Rational Method for the development. The site is zoned R-1 Single Family Residential along with the property to the west being zoned R-1 therefore for the Rational Method and using the City of Chickasha drainage criteria the 'C' factor is 0.50 which is used to determine the flow through the 66" CGMP culvert for the 100-year storm event. HY-8 Culvert Analysis software was used to analyze the existing 66 inch CGMP culvert under 12th Street. Drainage calculations along with the culvert analysis is included in Appendix B.



4.0 CONCLUSIONS

The existing 66 inch culvert under 12th Street, will carry the 100-year storm event of 172.76 cfs without overtopping the 12th Street. The headwater elevation at the inlet end of the 66" culvert is 1133.60' which is less than the top of curb elevation of 1134.95' on 12th Street at this location therefore the existing 66" culvert meets the General Drainage Policy of the City of Chickasha.

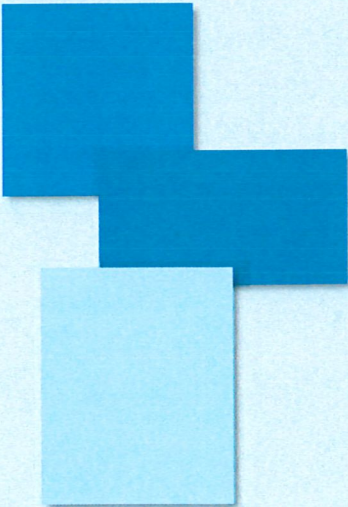
APPENDIX A

DRAINAGE EXHIBIT

Page 51 of 70

APPENDIX B

STORM WATER CALCULATIONS & CULVERT ANALYSIS



DRAINAGE BASIN PEAK RUNOFF CALCULATION SPREADSHEET

PROJECT NAME: **Rhoads Property for Elliott Cousins** DATE: **09/02/22**
 OKC PROJECT NUMBER: OFFICE PROJECT NUMBER: **116741**
 SUB-BASIN : **Area 1** PROJECT ENGINEER: **G.W.N.**
 OKLAHOMA CLIMATE ZONE: **2** (Refer to the OKC Drainage Manual for climatic zones)
 TOTAL DRAINAGE BASIN (ac) : **41.87** (As determined by survey, USGS mapping, aerial survey, ect.)

In order to determine an accurate runoff coefficient, a weighted average of the drainage basin will be made.

Land use:	Sub-Area (Acres)	*Runoff Coefficient	Partial CA Product
Pasture:	0.00	0.25	0.00
Lawns:	0.00	0.25	0.00
Cultivated Rows:	0.00	0.35	0.00
Agricultural Land:	0.00	0.40	0.00
Industrial:	0.00	0.50	0.00
Residential:	41.87	0.50	20.94
Business:	0.00	0.90	0.00
Street:	0.00	0.95	0.00
Total Area:	41.87		Sum CA: 20.94

* Estimated Runoff Coefficients may be found in the OKC DRAINAGE MANUAL. The following runoff coefficients are commonly used.

To calculate the Weighted "C" Coefficient, divide the Sum of Coefficient Products by the total Drainage Basin.

WEIGHTED "C" : 0.50

Land Use	Coefficient	Land Use	Coefficient
Single Family Residential	0.50	Apartments	0.70
Duplex	0.60	Commercial	0.90
Quad-Plex	0.75	Shopping Center	0.95
		Industrial	0.95

To determine the time of concentration, both overland and channel flows must be computed.

A. Overland Flow:

Length of overland flow, L_o , in feet: **1974** (As determined by survey, USGS mapping, aerial survey, ect.)
 Overland average slope, S_o , in feet: **0.021** (As determined by survey, USGS mapping, aerial survey, ect.)

If the overland flow path crosses different types of ground cover a weighted "k" factor must be calculated.

Ground Cover	Incremental Length (ft)	K Factor	Partial Length & K Factor Product
Pavement:	1974	0.37	730.38
Bare Soil:	0	0.60	0
Poor Grass:	0	0.90	0
Average Grass:	0	1.00	0
Dense Grass:	0	1.13	0
Total Overland Length:	1974		Sum of "K" Factor Products: 730.38

WEIGHTED OVERLAND "K" : 0.3700

$$T_o = K (L_o)^{0.37} / S_o^{0.2}$$

$T_o = 13.21$ minutes

B. Channel Flow:

Length of channel flow, L_c , in feet: **0.0** (As determined by survey, USGS mapping, aerial survey, ect.)
 Channel average slope, S_c , in feet: **0.0000** (As determined by survey, USGS mapping, aerial survey, ect.)
 Channel Velocity in fps: **5.0**

$$T_c = L_c / V_c$$

$T_c = 0.00$ minutes

The total time of concentration is the sum of the overland time (T_o) and channel time (T_c); $T_c = T_o + T_c$

TOTAL TIME OF CONCENTRATION, $T_c = 13.21$ minutes

The formula for the average historical rainfall intensity as defined in the OKC DRAINAGE MANUAL is as follows:

$$I = A / (B + T_c)^E$$

	2 year	5 year	10 year	25 year	50 year	100 year
A =	53.000	64.000	74.000	93.000	104.000	108.000
B =	10.000	12.000	12.000	15.000	15.000	15.000
E =	0.820	0.790	0.790	0.790	0.790	0.770

Rainfall Intensity Formula Nomenclature as per OKC DRAINAGE MANUAL for the Climatic Zone chosen :

The rational method will be used to calculate the peak runoff. (Not extremely accurate for large drainage basins)

C - Runoff coefficient of the drainage basin

I - Average historical rainfall intensity in units of inches/hour

A - Area in units of acres

$$Q = CIA$$

	2 year	5 year	10 year	25 year	50 year	100 year
Intensity (I)	4.02	5.00	5.78	6.65	7.43	8.25
Runoff (Q)	84.187	104.656	121.008	139.154	155.613	172.761

Worksheet for Exist. 66" CGMP

Project Description

Friction Method	Manning Formula
Solve For	Discharge

Input Data

Roughness Coefficient	0.024	
Channel Slope	0.00905	ft/ft
Normal Depth	5.17	ft
Diameter	5.50	ft

Results

Discharge	186.13	ft ³ /s
Flow Area	23.18	ft ²
Wetted Perimeter	14.56	ft
Hydraulic Radius	1.59	ft
Top Width	2.61	ft
Critical Depth	3.82	ft
Percent Full	94.0	%
Critical Slope	0.01526	ft/ft
Velocity	8.03	ft/s
Velocity Head	1.00	ft
Specific Energy	6.17	ft
Froude Number	0.48	
Maximum Discharge	186.13	ft ³ /s
Discharge Full	173.03	ft ³ /s
Slope Full	0.01047	ft/ft
Flow Type	SubCritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Average End Depth Over Rise	0.00	%
Normal Depth Over Rise	94.00	%
Downstream Velocity	Infinity	ft/s

HY-8 Culvert Analysis Report

Crossing Discharge Data

Discharge Selection Method: Specify Minimum, Design, and Maximum Flow

Minimum Flow: 172.761 cfs

Design Flow: 172.761 cfs

Maximum Flow: 172.761 cfs

Table 1 - Summary of Culvert Flows at Crossing: Culvert Under S. 12th Street

Headwater Elevation (ft)	Total Discharge (cfs)	66" CGMP Discharge (cfs)	Roadway Discharge (cfs)	Iterations
1133.60	172.76	172.76	0.00	1
1133.60	172.76	172.76	0.00	1
1133.60	172.76	172.76	0.00	1
1133.60	172.76	172.76	0.00	1
1133.60	172.76	172.76	0.00	1
1133.60	172.76	172.76	0.00	1
1133.60	172.76	172.76	0.00	1
1133.60	172.76	172.76	0.00	1
1133.60	172.76	172.76	0.00	1
1133.60	172.76	172.76	0.00	1
1133.60	172.76	172.76	0.00	1
1133.60	172.76	172.76	0.00	1
1133.60	172.76	172.76	0.00	1
1135.00	231.01	231.01	0.00	Overtopping

Rating Curve Plot for Crossing: Culvert Under S. 12th Street

Total Rating Curve

Crossing: Culvert Under S. 12th Street

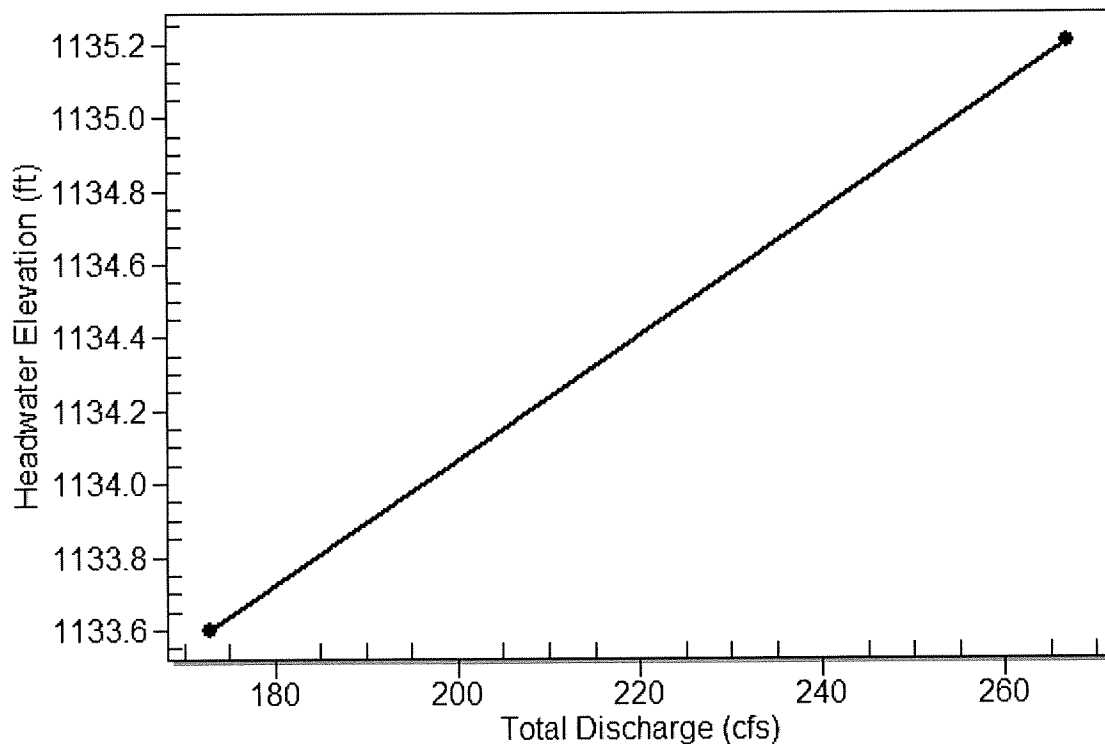
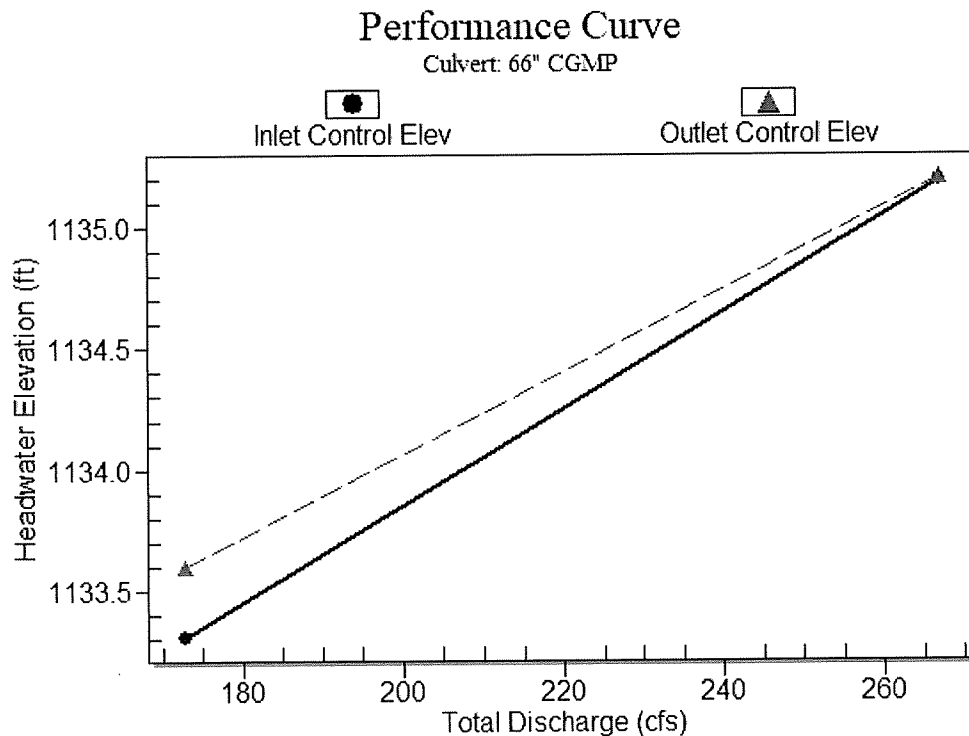


Table 2 - Culvert Summary Table: 66" CGMP

Total Discharge (cfs)	Culvert Discharge (cfs)	Headwater Elevation (ft)	Inlet Control Depth (ft)	Outlet Control Depth (ft)	Flow Type	Normal Depth (ft)	Critical Depth (ft)	Outlet Depth (ft)	Tailwater Depth (ft)	Outlet Velocity (ft/s)	Tailwater Velocity (ft/s)
172.76	172.76	1133.60	5.737	6.032	7-M2c	4.492	3.675	3.675	1.782	10.241	4.636
172.76	172.76	1133.60	5.737	6.032	7-M2c	4.492	3.675	3.675	1.782	10.241	4.636
172.76	172.76	1133.60	5.737	6.032	7-M2c	4.492	3.675	3.675	1.782	10.241	4.636
172.76	172.76	1133.60	5.737	6.032	7-M2c	4.492	3.675	3.675	1.782	10.241	4.636
172.76	172.76	1133.60	5.737	6.032	7-M2c	4.492	3.675	3.675	1.782	10.241	4.636
172.76	172.76	1133.60	5.737	6.032	7-M2c	4.492	3.675	3.675	1.782	10.241	4.636
172.76	172.76	1133.60	5.737	6.032	7-M2c	4.492	3.675	3.675	1.782	10.241	4.636
172.76	172.76	1133.60	5.737	6.032	7-M2c	4.492	3.675	3.675	1.782	10.241	4.636
172.76	172.76	1133.60	5.737	6.032	7-M2c	4.492	3.675	3.675	1.782	10.241	4.636
172.76	172.76	1133.60	5.737	6.032	7-M2c	4.492	3.675	3.675	1.782	10.241	4.636
172.76	172.76	1133.60	5.737	6.032	7-M2c	4.492	3.675	3.675	1.782	10.241	4.636

 Straight Culvert
 Inlet Elevation (invert): 1127.57 ft, Outlet Elevation (invert): 1127.19 ft
 Culvert Length: 42.00 ft, Culvert Slope: 0.0090

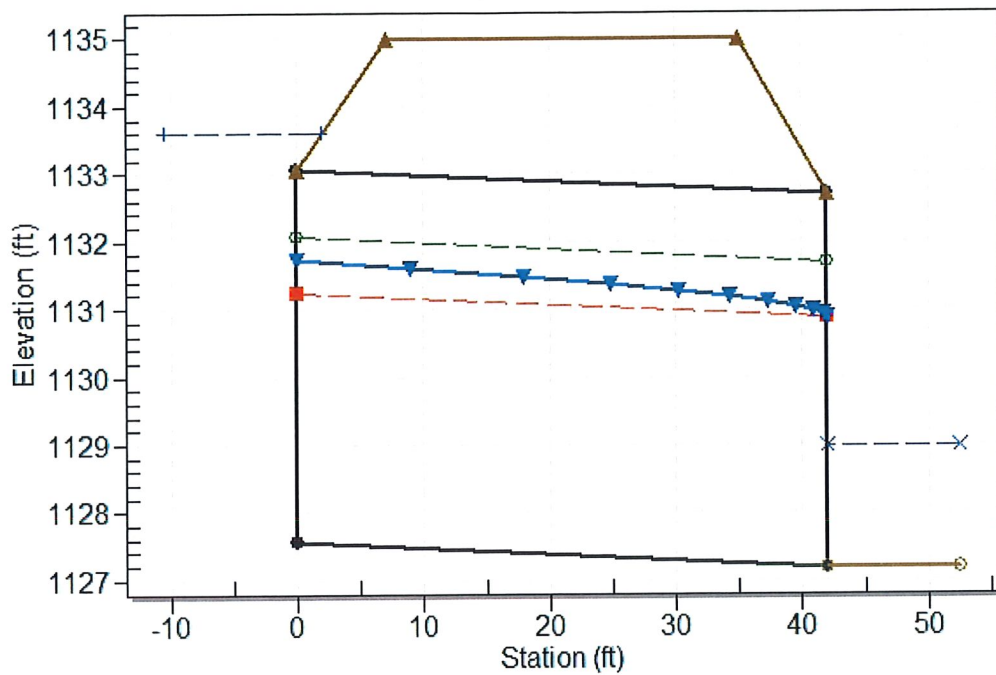
Culvert Performance Curve Plot: 66" CGMP



Water Surface Profile Plot for Culvert: 66" CGMP

Crossing - Culvert Under S. 12th Street, Design Discharge - 172.8 cfs

Culvert - 66" CGMP, Culvert Discharge - 172.8 cfs



Site Data - 66" CGMP

Site Data Option: Culvert Invert Data

Inlet Station: 0.00 ft

Inlet Elevation: 1127.57 ft

Outlet Station: 42.00 ft

Outlet Elevation: 1127.19 ft

Number of Barrels: 1

Culvert Data Summary - 66" CGMP

Barrel Shape: Circular

Barrel Diameter: 5.50 ft

Barrel Material: Corrugated Steel

Embedment: 0.00 in

Barrel Manning's n: 0.0240

Culvert Type: Straight

Inlet Configuration: Square Edge with Headwall

Inlet Depression: None

Table 3 - Downstream Channel Rating Curve (Crossing: Culvert Under S. 12th Street)
Tailwater Channel Data - Culvert Under S. 12th Street

Flow (cfs)	Water Surface Elev (ft)	Depth (ft)	Velocity (ft/s)	Shear (psf)	Froude Number
172.76	1128.97	1.78	4.64	1.00	0.73
172.76	1128.97	1.78	4.64	1.00	0.73
172.76	1128.97	1.78	4.64	1.00	0.73
172.76	1128.97	1.78	4.64	1.00	0.73
172.76	1128.97	1.78	4.64	1.00	0.73
172.76	1128.97	1.78	4.64	1.00	0.73
172.76	1128.97	1.78	4.64	1.00	0.73
172.76	1128.97	1.78	4.64	1.00	0.73
172.76	1128.97	1.78	4.64	1.00	0.73
172.76	1128.97	1.78	4.64	1.00	0.73
172.76	1128.97	1.78	4.64	1.00	0.73
172.76	1128.97	1.78	4.64	1.00	0.73

Tailwater Channel Option: Trapezoidal Channel

Bottom Width: 12.00 ft

Side Slope (H:V): 5.00 (1:1)

Channel Slope: 0.0090

Channel Manning's n: 0.0350

Channel Invert Elevation: 1127.19 ft

Roadway Data for Crossing: Culvert Under S. 12th Street

Roadway Profile Shape: Constant Roadway Elevation

Crest Length: 100.00 ft

Crest Elevation: 1135.00 ft

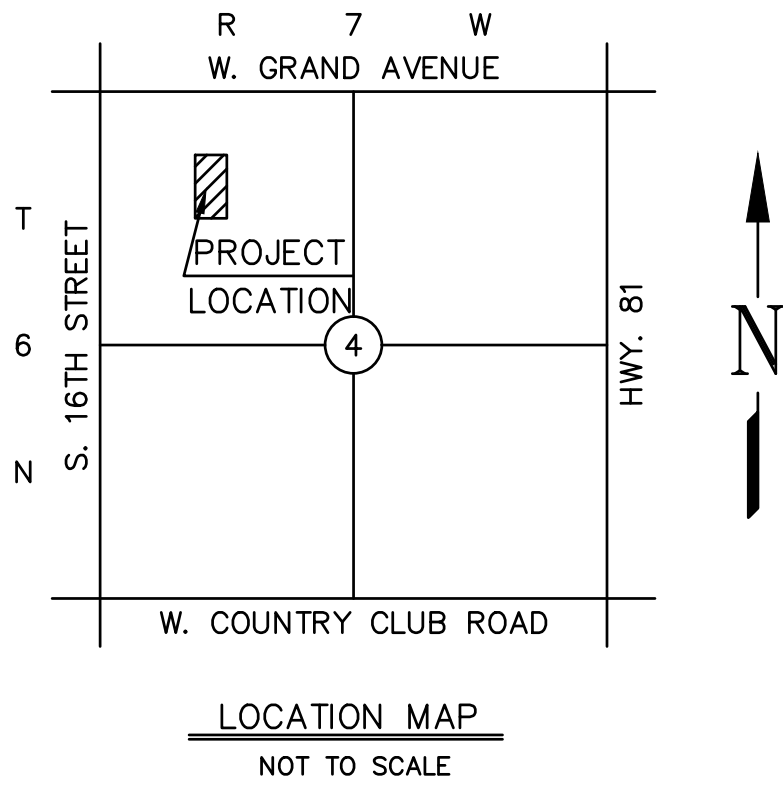
Roadway Surface: Paved

Roadway Top Width: 28.00 ft

I:\oklahoma\City\ACAD\Cover\EPD-Cover VSC 04/08/13

SUMMARY OF PUBLIC QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	AS-BUILT
1	8" PVC SANITARY SEWER	LF	167.00	
2	TRENCHING (5'-8')	LF	167.00	
3	CONNECT TO EXIST. SS MANHOLE	EA	1.00	
4	4' I.D. SS MANHOLE (0'-6')	EA	1.00	
5	EXTRA DEPTH 4' I.D. SS MANHOLE	VF	1.85	
6	4" RISER PIPE	VF	8.00	
7	8" x 4" WYE W/ 1/8° BEND	EA	1.00	
8	LEAKAGE TEST	LSUM	1.00	
9	DEFLECTION TEST	LSUM	1.00	

PUBLIC WASTEWATER MAIN PLANS
TO SERVE
WEST SIDE OF 12th STREET ADDITION
2400 S. 12TH STREET
(I.E. A PART OF THE NW/4, SEC. 4, T6N, R7W, I.M., AN ADDITION TO
CHICKASHA, GRADY COUNTY, OKLAHOMA)



SHEET INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SANITARY SEWER LAYOUT SHEET
3	SANITARY SEWER PLAN & PROFILE SHEET
4-8	SANITARY SEWER STANDARD DETAILS

ONE CALL UTILITY LOCATION NUMBER

840-5032
1-800-522-6543

This number is to be used for information on the location of all underground utilities. Contact this number and other numbers specified in the plans prior to any excavation.



ENGINEERING
SURVEYING
PLANNING

OKLAHOMA CITY
100 N.E. 5th Street
Oklahoma City,
Oklahoma 73104
T: 405.840.7094
F: 405.840.9116
www.srbok.com

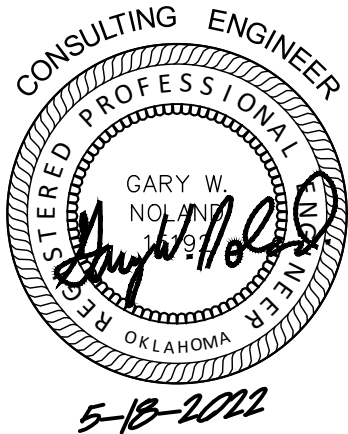
NORMAN
2500 McGee Drive,
Suite 100
Norman, OK 73072
T: 405.418.2288
F: 405.418.2289
srb@srbook.com

CERTIFICATE OF AUTHORIZATION NO. 3949 EXPIRES JUNE 30, 2023

PREPARED BY:

GARY W. NOLAND
(OK P.E. 15192) Date: 5-18-22

REGISTERED PROFESSIONAL ENGINEER
DATE: 10/31/2022



WEST SIDE OF 12th STREET ADDITION

DEPARTMENT OF UTILITIES
ENGINEERING PRIVATE
DEVELOPMENT DIVISION

Checked by: _____ Date: _____
Checked by: _____ Date: _____
Checked by: _____ Date: _____

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

APPROVED:

City Engineer: _____ Date: _____

PRIMARY
HORIZONTAL / VERTICAL CONTROL

HORIZONTAL DATUM: OKLAHOMA STATE PLANE SOUTH ZONE (CORS 2011) MONUMENT: CP 100 DESCRIPTION: 1/2" IRON PIN W/PINK SRB CONTROL CAP N: 617748.496 E: 1982095.111 Z: 1163.110 MONUMENT: CP 101 DESCRIPTION: 1/2" IRON PIN W/PINK SRB CONTROL CAP N: 617252.438 E: 1982206.305 Z: 1160.101 VERTICAL DATUM: OKLAHOMA STATE PLANE SOUTH ZONE (CORS 2011) NAVD 88; GEOID 128 MONUMENT: CP 10000 DESCRIPTION: 1/2" IRON PIN W/PINK SRB CONTROL CAP 10' WEST OF DIP SIGN E SIDE S. 13TH N: 616384.939 E: 1983704.859 Z: 1146.395

BM #1
CUT "X" ON CONCRETE RAMP
TO CROSSWALK
ELEV=1152.74

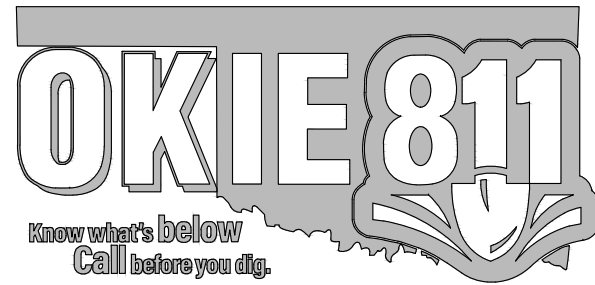
BM #2
CUT "X" ON CONCRETE RAMP
TO CROSSWALK
ELEV=1146.10

BM #3
CUT "X" ON TOP OF HEADWALL
ON EAST SIDE OF S. 12TH ST.
ELEV=1135.47



SURVEY LEGEND

AC - AIR CONDITIONER	EM - ELECTRIC MANHOLE	GM - GAS MARKER	MM - MISC. MARKER	SCV - SPRINKLER CONTROL VALVE	Tree - TREE	WM - WATER MANHOLE
AD - AREA DRAIN OR CATCH BASIN	EMK - ELECTRIC MARKER	GP - GUARD POST	PI - PIER	SS - SANITARY SEWER LIFT STATION	TV - TV MARKER	SWM - SQUARE WATER METER
AB - ALPHA BOX	ET - ELECTRIC UTILITY RISER	GT - GREASE TRAP	PB - PULLBOX	ST - SIGN	TL - TRAFFIC LIGHT	WS - WATER SHUTOFF (SPICOT)
AS - AUTO SPRINKLER	EU - ELECTRIC UTILITY TRANSFORMER	GV - GAS VALVE	PM - PARKING METER	STX - SANITARY SEWER MANHOLE	TM - TV MANHOLE	WV - WATER VALVE
AV - AIR VENT	FD - FRENCH DRAIN	HC - HC SIGN	PP - POWER POLE	STX - SANITARY SEWER MANHOLE	TM - TV MANHOLE	WV - WATER VALVE
PM - PROP. MON.	FD - FRENCH DRAIN	HC - HC SIGN	PP - POWER POLE	STX - SANITARY SEWER MANHOLE	TM - TV MANHOLE	WV - WATER VALVE
BS - BUSH	FP - FLAG POLE	IL - INLET	QC - QUARTER CORNER	STX - SANITARY SEWER MANHOLE	TM - TV MANHOLE	WV - WATER VALVE
CO - CLEAN OUT	FP - FLAG POLE	IL - INLET	QC - QUARTER CORNER	STX - SANITARY SEWER MANHOLE	TM - TV MANHOLE	WV - WATER VALVE
DS - DOWN SPOUT	GA - GAS METER	ML - MAIL BOX	RC - REFERENCE POINT	STX - SANITARY SEWER MANHOLE	TM - TV MANHOLE	WV - WATER VALVE
EM - ELECTRIC METER	GM - GAS METER	ML - MAIL BOX	RC - REFERENCE POINT	STX - SANITARY SEWER MANHOLE	TM - TV MANHOLE	WV - WATER VALVE
FO - UNDERGROUND FIBER OPTIC	GM - GAS METER	ML - MAIL BOX	RC - REFERENCE POINT	STX - SANITARY SEWER MANHOLE	TM - TV MANHOLE	WV - WATER VALVE
UTV - UNDERGROUND TELEVISION	GM - GAS METER	ML - MAIL BOX	RC - REFERENCE POINT	STX - SANITARY SEWER MANHOLE	TM - TV MANHOLE	WV - WATER VALVE
TOE OF BANK	GM - GAS METER	ML - MAIL BOX	RC - REFERENCE POINT	STX - SANITARY SEWER MANHOLE	TM - TV MANHOLE	WV - WATER VALVE
TOP OF BANK	GM - GAS METER	ML - MAIL BOX	RC - REFERENCE POINT	STX - SANITARY SEWER MANHOLE	TM - TV MANHOLE	WV - WATER VALVE
O/PL - OVERHEAD PIPE LINE	GM - GAS METER	ML - MAIL BOX	RC - REFERENCE POINT	STX - SANITARY SEWER MANHOLE	TM - TV MANHOLE	WV - WATER VALVE
O/TEL - OVERHEAD TELEPHONE	GM - GAS METER	ML - MAIL BOX	RC - REFERENCE POINT	STX - SANITARY SEWER MANHOLE	TM - TV MANHOLE	WV - WATER VALVE
O/W - OVERHEAD WATER	GM - GAS METER	ML - MAIL BOX	RC - REFERENCE POINT	STX - SANITARY SEWER MANHOLE	TM - TV MANHOLE	WV - WATER VALVE
C/W - CHAINLINK FENCE	GM - GAS METER	ML - MAIL BOX	RC - REFERENCE POINT	STX - SANITARY SEWER MANHOLE	TM - TV MANHOLE	WV - WATER VALVE
S/W - STOCKADE FENCE	GM - GAS METER	ML - MAIL BOX	RC - REFERENCE POINT	STX - SANITARY SEWER MANHOLE	TM - TV MANHOLE	WV - WATER VALVE
BWF - BARBED WIRE FENCE	GM - GAS METER	ML - MAIL BOX	RC - REFERENCE POINT	STX - SANITARY SEWER MANHOLE	TM - TV MANHOLE	WV - WATER VALVE



BM #1
CUT "X" ON CONCRETE RAMP
TO CROSSWALK
ELEV=1152.74

BM #2
CUT "X" ON CONCRETE RAMP
TO CROSSWALK
ELEV=1146.10

BM #3
CUT "X" ON TOP OF HEADWALL
ON EAST SIDE OF S. 12TH ST.
ELEV=1135.47

PRIMARY HORIZONTAL / VERTICAL CONTROL

HORIZONTAL DATUM:

OKLAHOMA STATE PLANE SOUTH ZONE (CORS 2011)

MONUMENT: CP 100

DESCRIPTION: 1/2" IRON PIN W/PINK SRB CONTROL CAP

N: 617748.496

E: 1982095.111

Z: 1163.110

MONUMENT: CP 101

DESCRIPTION: 1/2" IRON PIN W/PINK SRB CONTROL CAP

N: 617252.438

E: 1982206.305

Z: 1160.101

VERTICAL DATUM:

OKLAHOMA STATE PLANE SOUTH ZONE (CORS 2011)

NAVD 88; GEOID 128

MONUMENT: CP 10000

DESCRIPTION: 1/2" IRON PIN W/PINK SRB CONTROL CAP 10' WEST OF DIP SIGN E SIDE S. 13TH

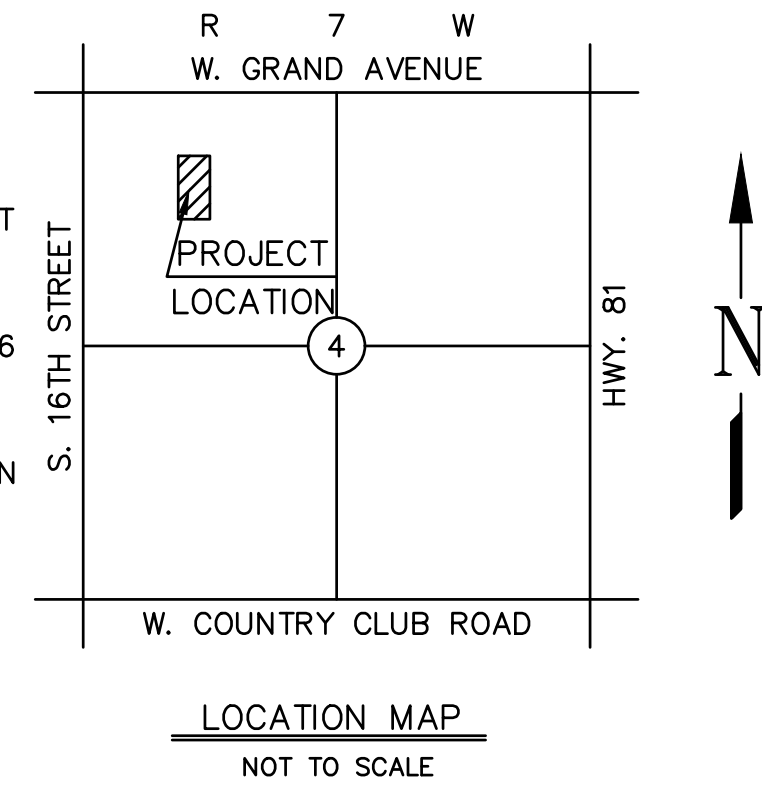
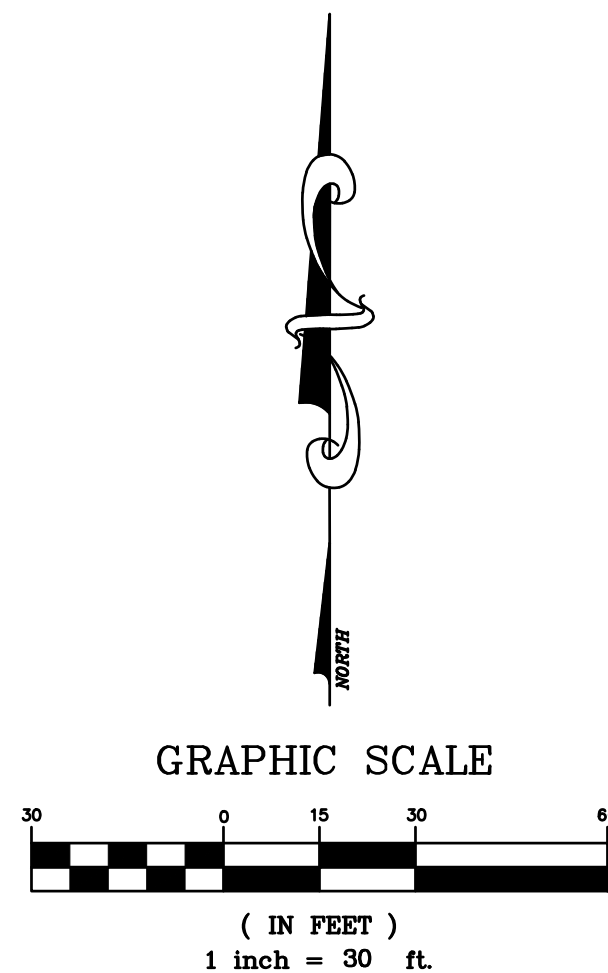
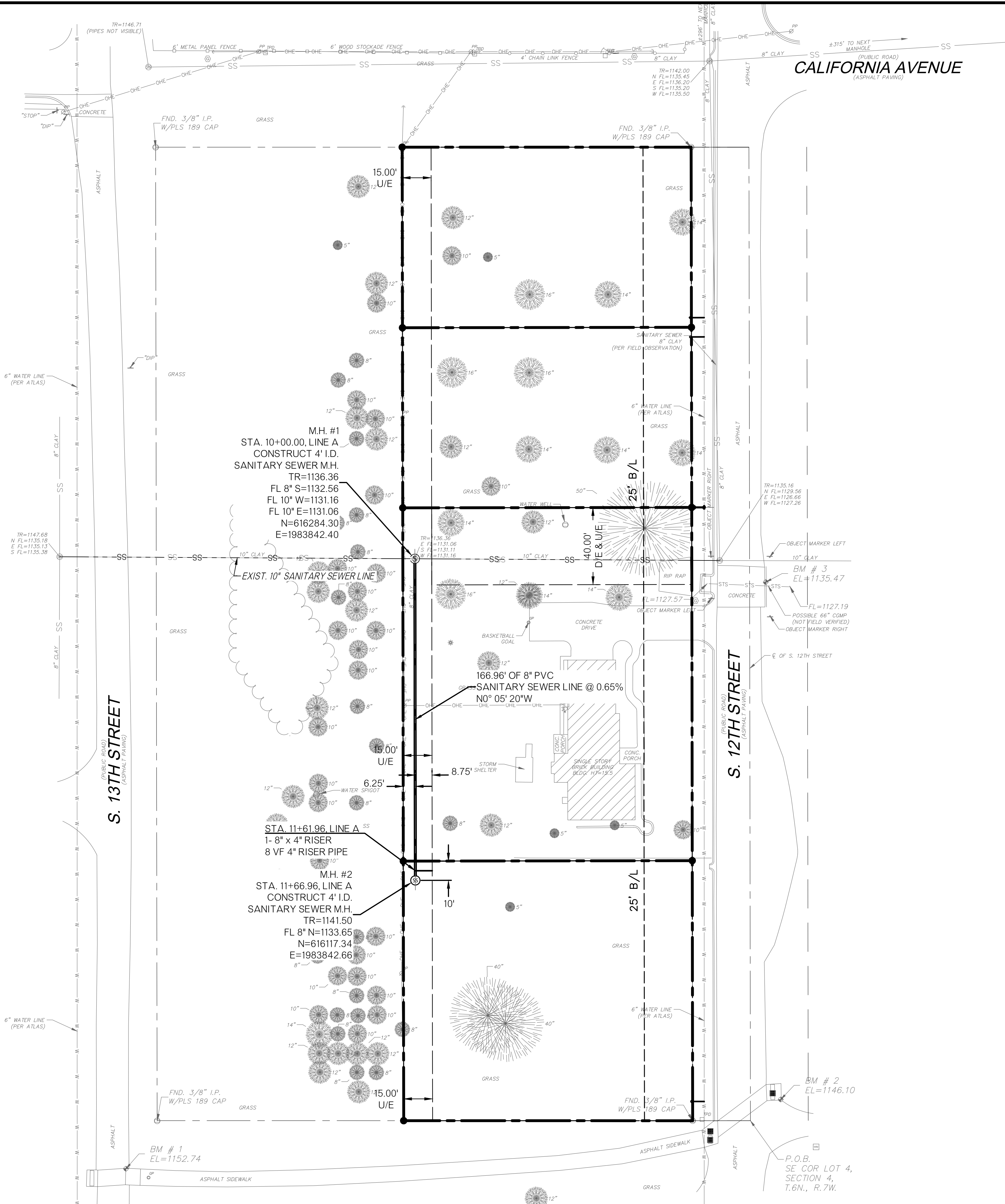
N: 616384.939

E: 1983704.859

Z: 1144.395

UTILITY STATEMENT:

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.



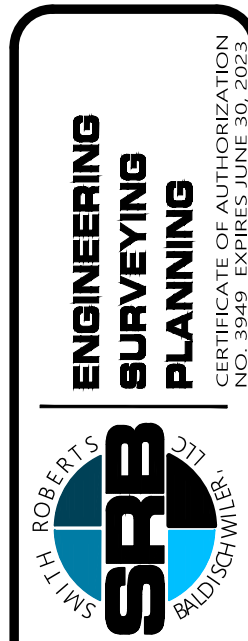
WEST SIDE OF 12TH STREET ADDITION
2400 S. 12TH STREET CHICKASHA, OK 73018
SANITARY SEWER LAYOUT SHEET

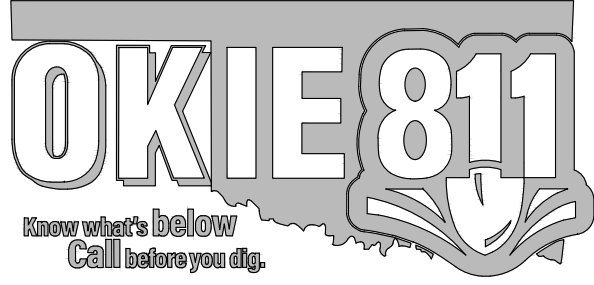
SCALE:
HOR. 1"=30'

SHEET
2

NO.	DATE	DESCRIPTION	BY
1	5-18-22	PROJECT LOCATION	BAW
2			GWN
3			
4			
5			
6			
7			
8			
9			
10			

PROJ. 116741
DATE: 5-18-22
DRAWN BY: BAW
DESIGNED BY: GWN
CHECKED BY:

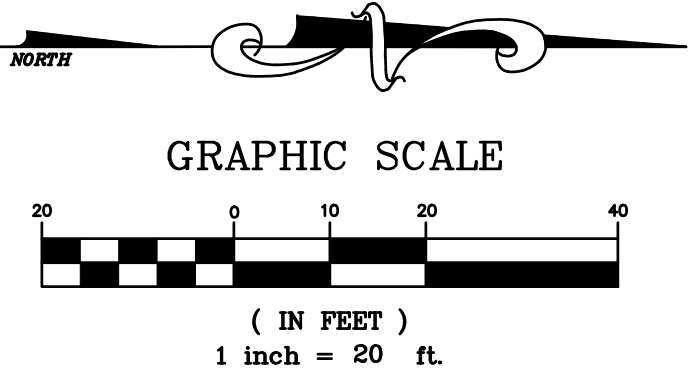
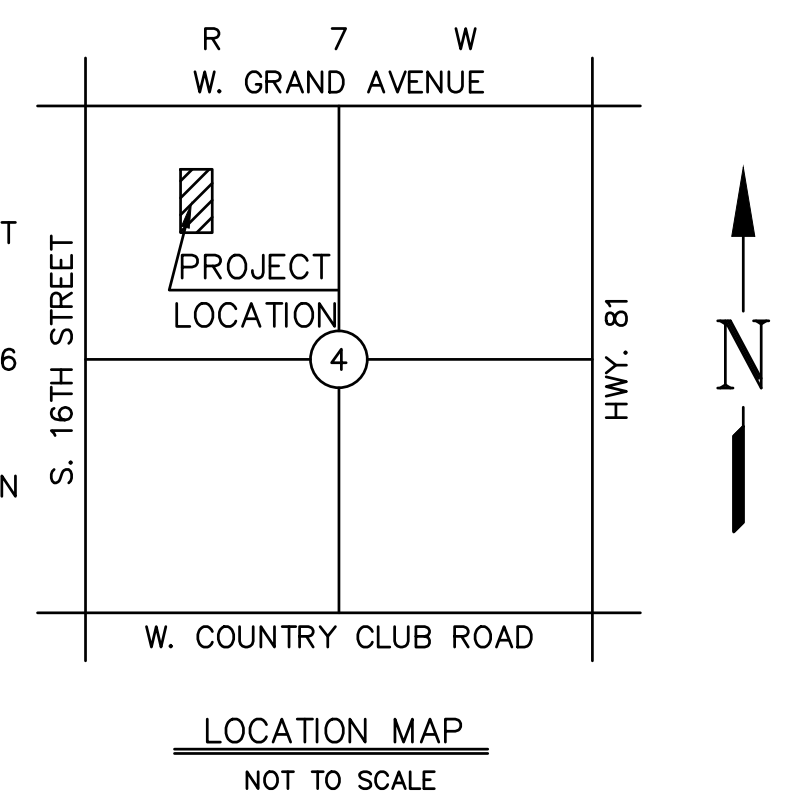
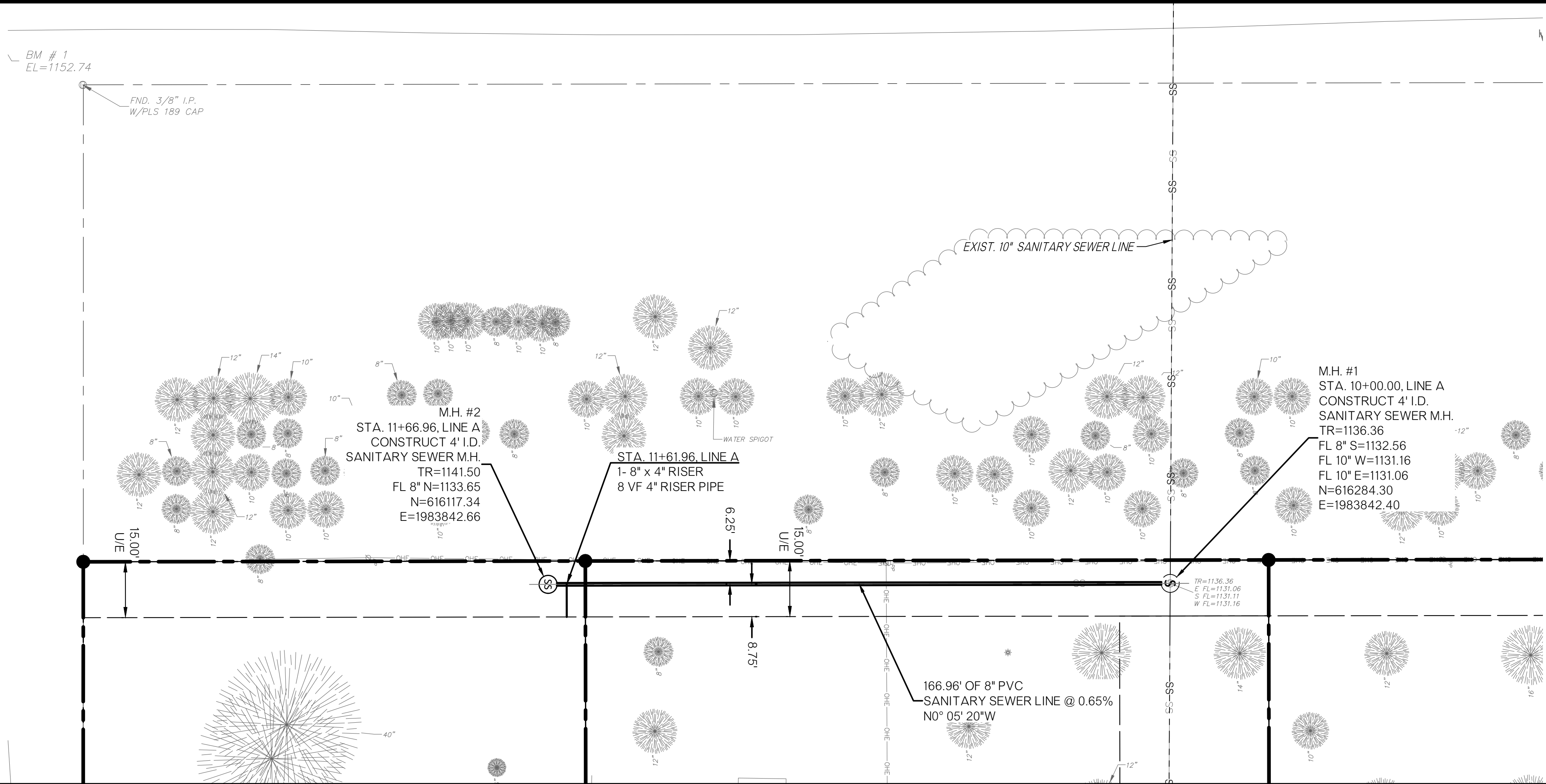




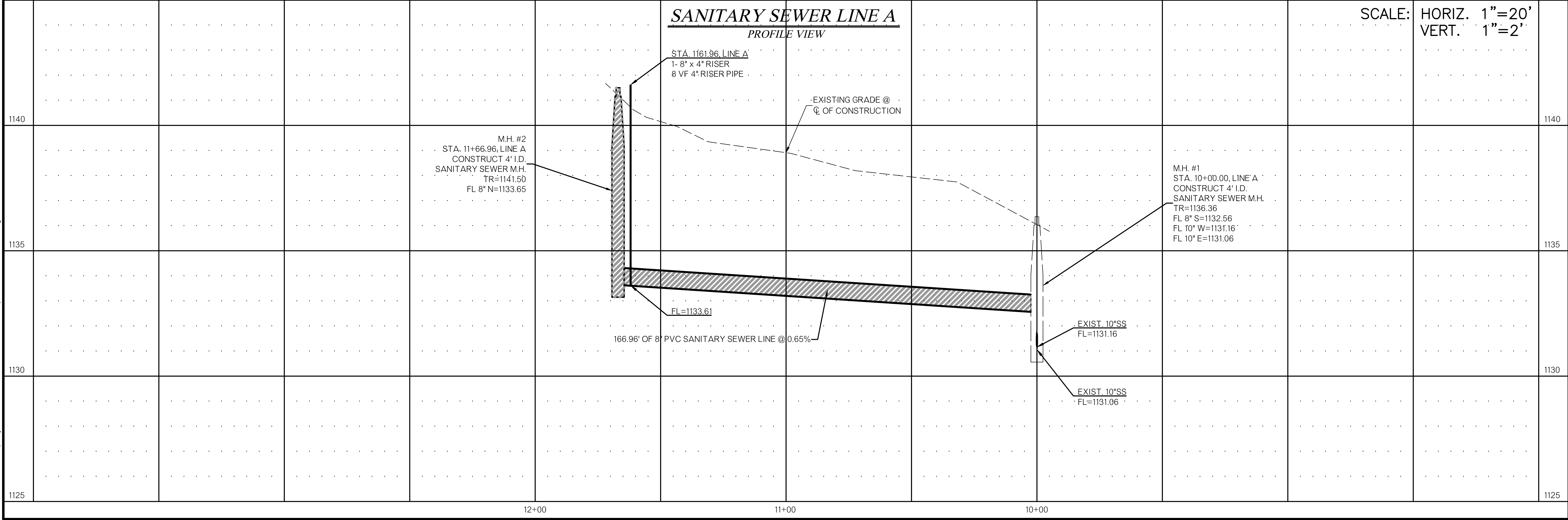
- BM #1**
CUT "X" ON CONCRETE RAMP
TO CROSSWALK
ELEV=1152.74
- BM #2**
CUT "X" ON CONCRETE RAMP
TO CROSSWALK
ELEV=1146.10
- BM #3**
CUT "X" ON TOP OF HEADWALL
ON EAST SIDE OF S. 12TH ST.
ELEV=1135.47

PRIMARY
HORIZONTAL / VERTICAL CONTROL

HORIZONTAL DATUM:
OKLAHOMA STATE PLANE SOUTH ZONE (CORS 2011)
MONUMENT: CP 100
DESCRIPTION: 1/2" IRON PIN W/PINK SRB CONTROL CAP
N: 617748.496
E: 1982095.111
Z: 1163.110
MONUMENT: CP 101
DESCRIPTION: 1/2" IRON PIN W/PINK SRB CONTROL CAP
N: 617252.438
E: 1982206.305
Z: 1160.101
VERTICAL DATUM:
OKLAHOMA STATE PLANE SOUTH ZONE (CORS 2011)
NAVD 88: GEOID 128
MONUMENT: CP 10000
DESCRIPTION: 1/2" IRON PIN W/PINK SRB CONTROL CAP 10' WEST OF DIP SIGN E SIDE S. 13TH
N: 616384.939
E: 1983704.859
Z: 1144.395



SANITARY SEWER LINE A
PROFILE VIEW



SCALE: HORIZ. 1"=20'
VERT. 1"=2'

WEST SIDE OF 12TH STREET ADDITION
2400 S. 12TH STREET CHICKASHA, OK 73018
SANITARY SEWER PLAN & PROFILE SHEET

SCALE:
HOR. 1"=20'
VERT. 1"=2'

SHEET
3

NO.	DATE	DESCRIPTION	BY
116741	5-18-22	PROJ.	BAW
		DRAWN BY:	GWN
		DESIGNED BY:	GWN
		CHECKED BY:	

ENGINEERING
SURVEYING
PLANNING

SRB

CERTIFICATE OF AUTHORIZATION
NO. 1848, EXPIRES APRIL 30, 2023

GENERAL CONSTRUCTION NOTES

	Property Corner		Fuel Fill Point
	Benchmark		Fuel Hydrant
	Monument		Fuel Pressure Suppressor
	Aerial Control		Fuel Line Marker
	Turning Point		Fuel Shut-off Emergency Valve
	Points on Section		Fuel Manhole
	Section Corner		Natural Gas Manhole
	1/4 Section Corner		Gas Yard Light
	GIS Control Point		Tree
	CL Intersection		Cluster of Trees
	Reference Point		Shrub
	GPS Target Point		Hedge
	Existing Sanitary Sewer		Cable TV Pedestal
	Sanitary Sewer Clean-out		Business Sign
	Septic Tank		Business Sign
	1-Grated Inlet		Mailbox
	2-Grated Inlet		Parking Meter
	Existing Storm Sewer Manhole		Unknown Manhole
	Floor Drain		Cap
	Roof Drain		Monitoring Well
	Drain Clean-out		Test Hole (Soil Boring)
	Yard Drain		Flag Pole
	Elevated Tank		Traffic Signal Pole
	Fire Stand Pipe		Traffic Control Box
	Water Manhole		Traffic Detector Loop
	Water Valve		Proposed Sanitary Sewer Manhole
	Water Meter / Water Meter Box		Proposed Storm Sewer Manhole
	Fire Hydrant		Fiber Optic Manhole
	Sprinkler Head		
	Water Well		CL of River
	Water Faucet		CL of Creek
	Air Release Valve		CL of Stream
	Yard Hydrant		Ground
	Sprinkler Valve Box		CL R.R.
	Blow-off Valve		Top of Bank
	Ground Storage Tank		Edge of Timber
	Cathodic Protection System		Awning
	Steam Manhole		Sod
	Steam Valve		Gate
	Power Pole with Riser		Fence
	Electric Yard Light		Security Fence
	Power Pole		Top of Curb
	H-Pole		Header
	Tower		Slot Drain
	Transformer Pole		Retaining Wall
	Light Pole		Guard Rail
	Electric Pedestal (Riser)		Planter
	Electric Transformer		Wall
	Guy Pole		Row of Trees
	Down Guy		Flow Direction
	Electric Meter		Existing Sanitary Sewer
	Electric Manhole		Existing Storm Sewer
	Traffic Pullbox		Existing UG Petroleum Pipe
	Runway Light		Existing UG Telephone Line
	Landscape Light		Existing UG Gas Line
	Ground Rod		Existing Electric Line
	Telephone Pole		Existing Water Main
	Telephone Pedestal		Cox Cable
	Communications Manhole		Abandoned Sewer Lines
	Telephone Underground Warning		CL of Survey of Construction
	Gas Valve		CL of Street, Driveway, & Alley Pavement
	Gas Vent & / or Marker		Property Lines
	Gas Warning Sign		Easement Lines
	Gas Pressure Regulator		Proposed Construction
	Propane Tank		

- 1 All construction shall be in accordance with The City of Seminole Standard Specifications for Construction of Public Improvements.
- 2 All work not classified as a contract pay item shall be considered as an incidental and not paid for directly.
- 3 All excavation under existing and future pavement shall be backfilled with sand.
- 4 All waterlines exposed during construction shall be backfilled with sand.
- 5 Pipe leakage tests shall be performed by the contractor in accordance with The City of Seminole Sewer requirements. Leakage shall not exceed 50 gallons per inch of normal pipe per mile per day for any section of the system.
- 6 Deflection tests shall be performed on all flexible pipe. The test shall be conducted after the final backfill has been in place for at least thirty (30) days. No pipe shall exceed a deflection of more than five (5%) percent. If the deflection test is to be run using a rigid ball and mandrel, it shall have a diameter equal to ninety-five (95%) percent of the inside diameter of the pipe. The test shall be performed without mechanical pulling devices.
- 7 Polyvinyl chloride (PVC) pipes shall conform to ASTM D-3034, ASTM F-679, and ASTM F-789; and ASTM F-89-49 for profile wall pipe. Regardless of size, open profile wall pipe will be allowed only on sections of pipe where there are no apparent service connections.
- 8 Special sanitary sewer pipe shall be required to satisfy minimum horizontal and vertical clearance requirements from waterlines, wells and petroleum storage tanks, as established by the Oklahoma State Department of Environmental Quality (ODEQ).
- 9 Special sanitary sewer pipe shall be either PVC or Ductile Iron Pipe (DIP). Special PVC pipe shall conform to ASTM D-2241 and SDR 32.5 for sizes four (4") inches to thirty-six (36") inches, or AWWA C-900 and AWWA C-905; with a minimum DR rating of eighteen (18) for pipe sizes four (4") inches to (12") inches and a minimum DR rating of 32.5 for pipe sizes greater than twelve (12") inches. DIP pipes shall meet the requirements specified below.
- 10 Ductile Iron Pipe (DIP) shall conform to the requirements of AWWA C-151.
 - a EXTERIOR COATING -- The exterior surfaces of ductile iron pipe, specifications and fittings shall be coated with an asphaltic coating in accordance with ASTM A746, section 6.1; of AWWA E-151. The coating shall have a minimum thickness of one (1) mil.
 - b INTERIOR COATING -- Interior surfaces of pipe and fittings shall be lined with forty (40) mills of virgin Polyethylene complying with ASTM D-1248 or Madison Polyethylene Lining, Corporate II tx-5 Minute Number 17115, manufactured by Madison Chemicals, Inc., Canada, or approved equal. The lining materials shall be compounded with a minimum of two (2%) percent carbon black to resist ultra violet rays.
 - c THICKNESS -- Unless otherwise specified, Ductile Iron Pipe shall have the following table.

Pipe Nominal Thickness (inches)	DEPTH of COVER (feet)									
	≤10'		>10' or ≤15'		>15' or ≤20'		>20' or ≤25'		>50' or ≤30'	
	Nominal Thickness (inches)	Standard Pressure Class AWWA C-151	Nominal Thickness (inches)	Standard Pressure Class AWWA C-151	Nominal Thickness (inches)	Standard Pressure Class AWWA C-151	Nominal Thickness (inches)	Standard Pressure Class AWWA C-151	Nominal Thickness (inches)	Standard Pressure Class AWWA C-151
3	0.25	350	0.25	350	0.25	350	0.25	350	0.25	350
4	0.25	350	0.25	350	0.25	350	0.25	350	0.25	350
6	0.25	350	0.25	350	0.25	350	0.25	350	0.25	350
8	0.25	350	0.25	350	0.25	350	0.25	350	0.25	350
10	0.26	350	0.26	350	0.26	350	0.26	350	0.26	350
12	0.28	350	0.28	350	0.28	350	0.28	350	0.28	350
18	0.31	250	0.31	250	0.31	250	0.31	250	0.34	300
24	0.33	200	0.33	200	0.33	300	0.38	200	0.38	300
30	0.34	150	0.34	150	0.34	250	0.42	150	0.45	300
36	0.38	150	0.38	150	0.38	250	0.47	150	0.50	300
42	0.41	150	0.41	150	0.41	250	0.52	150	0.63	350
48	0.46	150	0.46	150	0.46	300	0.64	150	0.70	350
54	0.51	150	0.51	150	0.51	300	0.72	150	0.79	350
60	0.54	150	0.54	150	0.54	300	0.76	150	0.83	350
64	0.56	150	0.56	150	0.56	300	0.80	150	0.87	350

- 1 GENERAL -- When called for on the plans or specified, manholes shall be tested, before acceptance, by either performing exfiltration or vacuum test. The Engineer shall determine which test shall be performed.
- 2 EXFILTRATION TEST -- All incoming and outgoing lines (including services) shall be plugged and the manhole filled with water up to the bottom of the manhole ring. If the water loss exceeds the maximum allowable as shown, the manhole shall be considered to have failed the test. The contractor shall drain, perform the necessary repairs as directed by the Engineer, and then reset the manhole until it passes, all at no additional cost to the City.

Manhole Depth (feet)	Maximum Allowable Water Loss
≤ 8	One (1") inch over Five (5) minutes
≥ 8	One - Eighth (1/8") inch per vertical foot of depth over five (5) minutes

- 1 MANHOLE -- PIPE CONNECTION AT INVERTS -- Flexible gaskets seals shall be required where pipe enters the wall of all manholes. Where possible, the opening for each connecting sewer pipe shall be circular and match the diameter of the pipe. For manholes built over existing lines or for special conditions, horseshoe shaped openings shall be accepted. Flexible gaskets shall be A-Lok, or approved equal. The method and material used for grouting any remaining angular space shall be approved by the Engineer prior to construction.
- 2 FINISHING MANHOLE TO GRADE --The manhole ring and cover shall be adjusted to grade with concrete rings or courses of brick masonry.
- 3 OUTSIDE WATERPROOFING -- When called for on the plans or specified, waterproofing shall be required on the outside of the manholes. The waterproofing material shall be TNE MEC Series 66 III of approved equal. The coating shall have a minimum thickness of four (4) mills. Coating shall be environmentally non-hazardous. Spray applications shall be shop applied and field applications are limited to brush or roller. Acceptance of material used for waterproofing shall be on the basis of Type "D" Certifications, provided that all applicable requirements are met.
- 4 VERTICAL DROP -- The vertical drop of concrete pours shall not exceed ten (10') feet. The Contractor may select to use either a construction joint as shown on the standard detail or use a tremmie.
- 5 CONCRETE PLACEMENT -- Monolithic pours of the manhole bottom and walls shall be permitted provided that all concrete (bottom and walls) is vibrated according to the specifications for the construction of sanitary sewers and appurtenances.
- 6 COMPRESSION STRENGTH -- All concrete for manhole bases, inverts and wall shall have a minimum compression strength of 3500 psi.
- 7 FORMING -- Forms shall be provided for the shaping and finishing of the manhole bottoms. a minimum of twenty-four (24) hours shall elapse prior to pouring the manhole walls.
- 8 CONCRETE FINISH -- Mortar for finishing and sealing shall be class "CC". Any honeycombing of concrete less than two (2") inches deep in manhole walls may be repaired using Class "D" mortar.

1. DIMENSIONS -- The manholes shall be constructed pursuant to appropriate Standard Details for Precast-In-Place Non-Reinforced Concrete Manholes.
2. PROTECTIVE COATING -- Protective coating shall not be required unless otherwise called for on plans or as directed by the Engineer.

1. APPLICABLE STANDARD -- Pre-cast manholes shall be constructed in accordance with ASTM C-478

2. DIMENSIONS -- The manholes shall be constructed pursuant to the appropriate Standard Details for precast reinforced concrete manholes, and/or as specified in ASTM C-478. the minimum wall thickness shall be as specified in the following table and not less than one-twelfth (1/12) of the internal diameter of the largest cone or riser section of five (5") inches, whichever is greater.

Manhole Internal Diameter (feet)	Minimum Wall Thickness (inches)
4	5
5	5
6	6
7	7

3. **MANHOLE STEPS AND LADDERS** -- Steps and ladders shall not be constructed unless otherwise directed by the Engineer. If called for, they shall conform with Section 13 of ASTM C-478.
4. **HANDLING** -- All lifting holes shall be repaired with a mixture of cement and sand grout firmly packed.
5. **PROTECTIVE COATING** -- All inside surfaces (walls, bottoms and etc.) of precast concrete manholes shall be shop coated with a total dry film thickness of not less than eight (8) mils of TNEMEC Series 69 Hi-Build Epoxiline II, or approved equal.
6. **FIELD TESTING** -- When directed by the Engineer, a set of three (3) cylinders, three (3") inches in diameter shall be cut from randomly selected manholes.
7. **ACCEPTANCE** -- Acceptance of manhole structure shall be based on the conformance and performance of materials required in ASTM C-478, and the Engineer's inspection of the installed product.

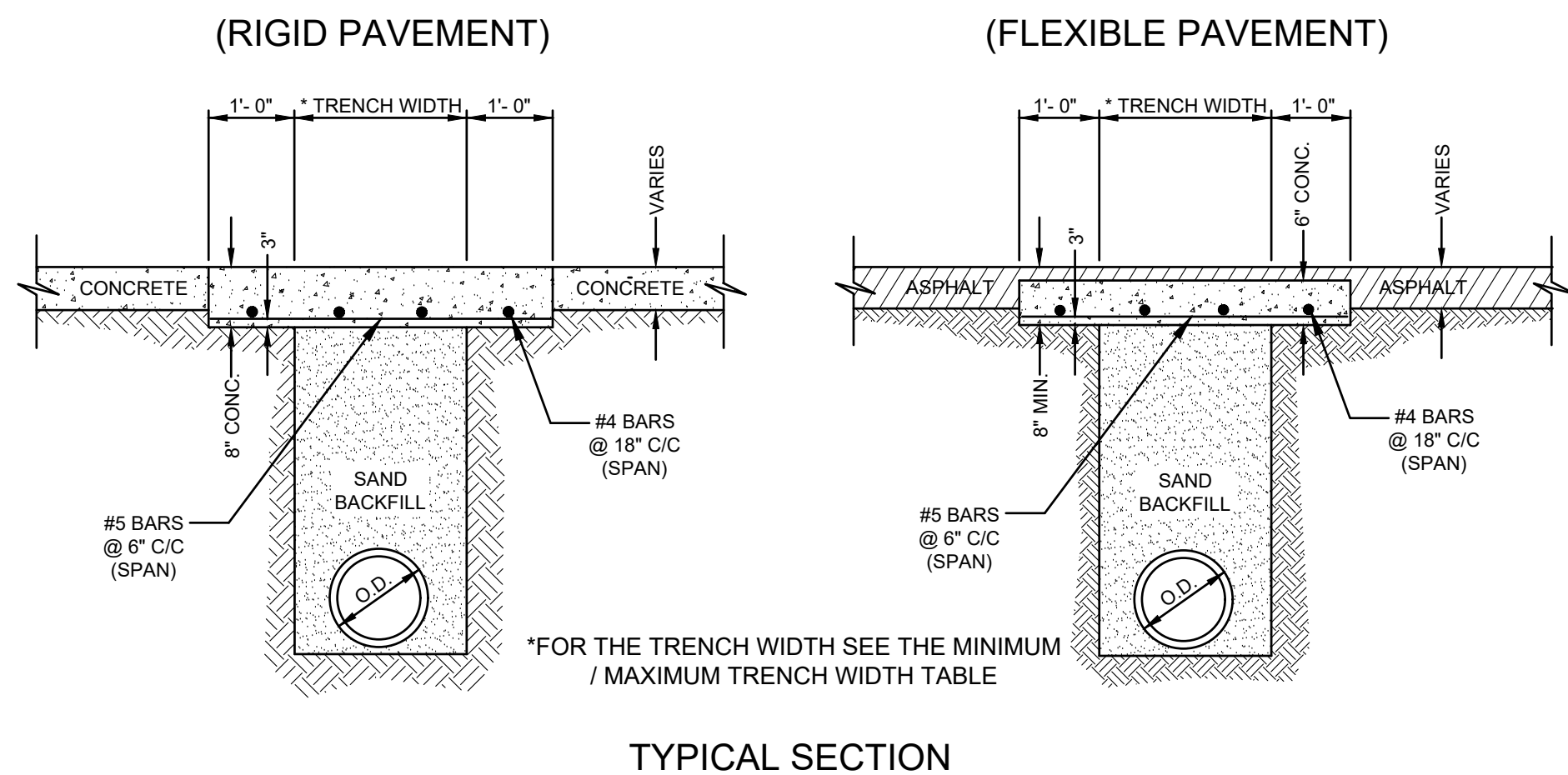
WELSH SIDE OF 12TH STREET ADDITION
2400 S. 12TH STREET CHICKASHA, OK 73018
SANITARY SEWER DETAIL SHEET

SCALE:
N.T.S.

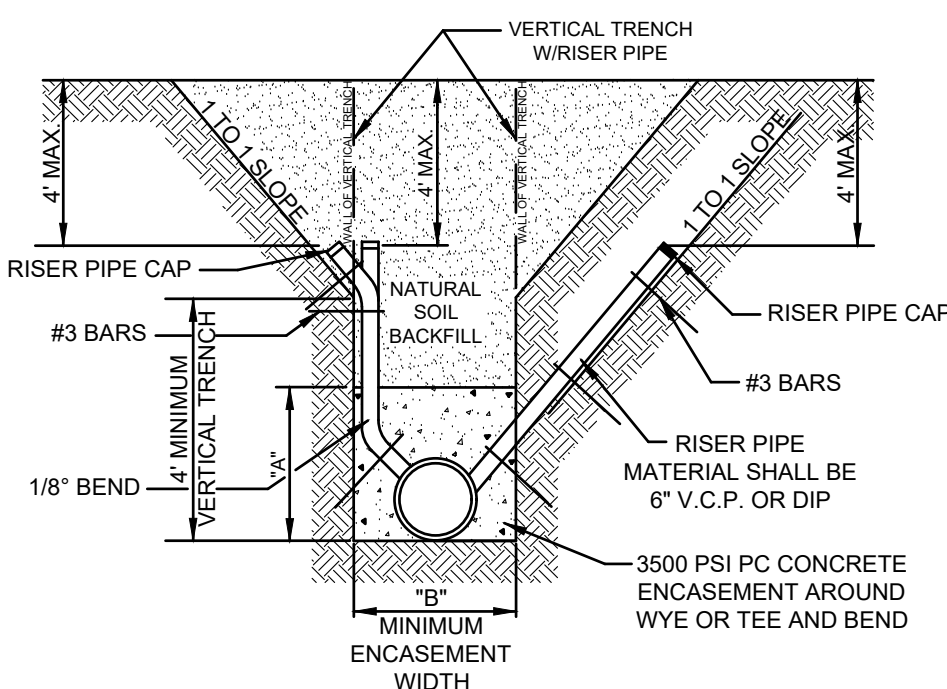
SHEET
4

SANITARY SEWER - MISCELLANEOUS DETAILS

PAVING CUT AND PERMANENT REPAIR



SERVICE CONNECTION INSTALLATION



CONCRETE ENCASEMENT FOR RISER PIPE

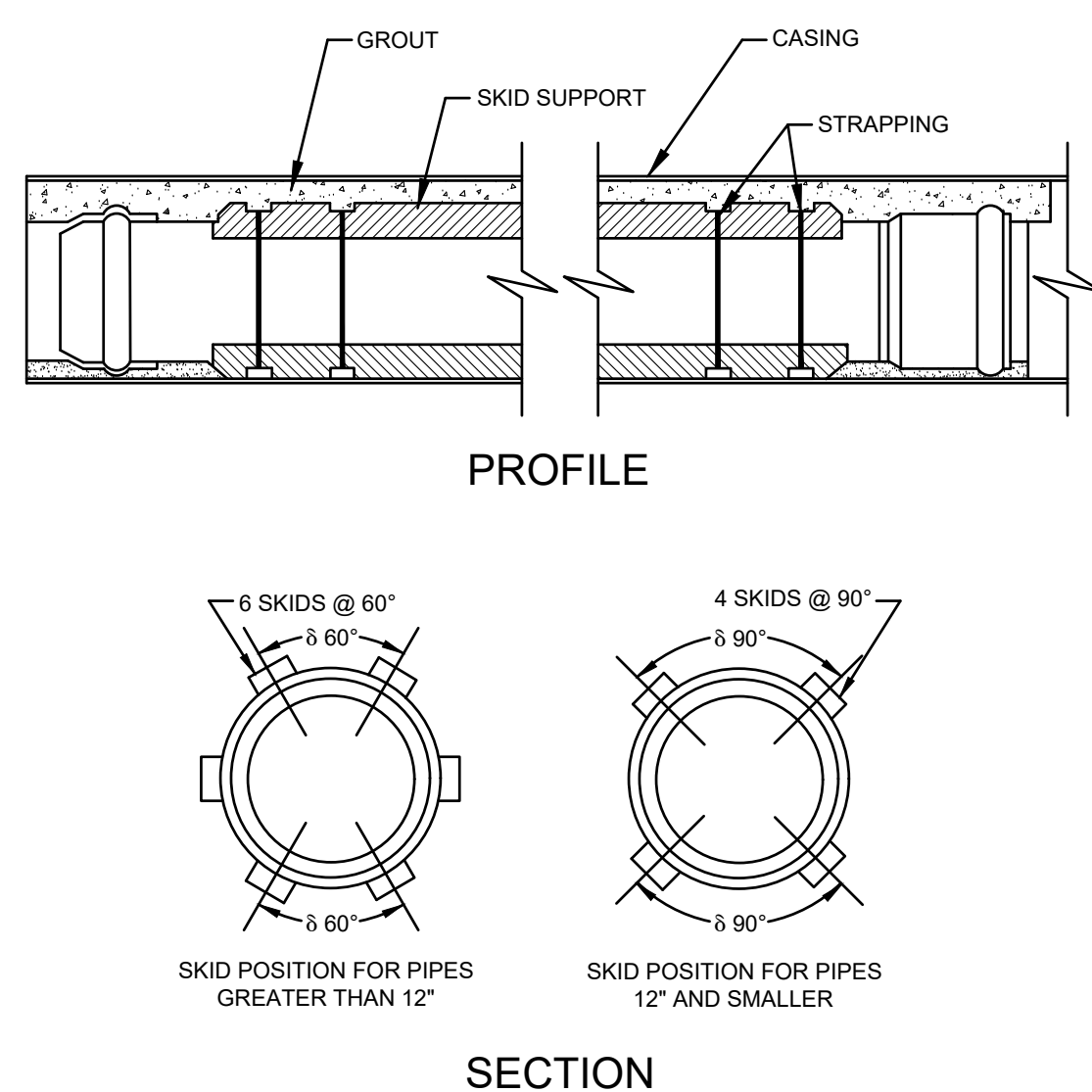
PIPE SIZE (inches)	"A" (feet)	"B" (feet)	LENGTH OF ENCASEMENT (feet)
8	1.5	2.2	2.0
10	2.0	2.2	2.0
12	2.0	2.2	2.0
15	2.5	2.6	2.0
18	3.0	3.0	2.5

ADD 1.0' "B" WHEN USING BRACING OR SHORING

CONNECTION TYPES

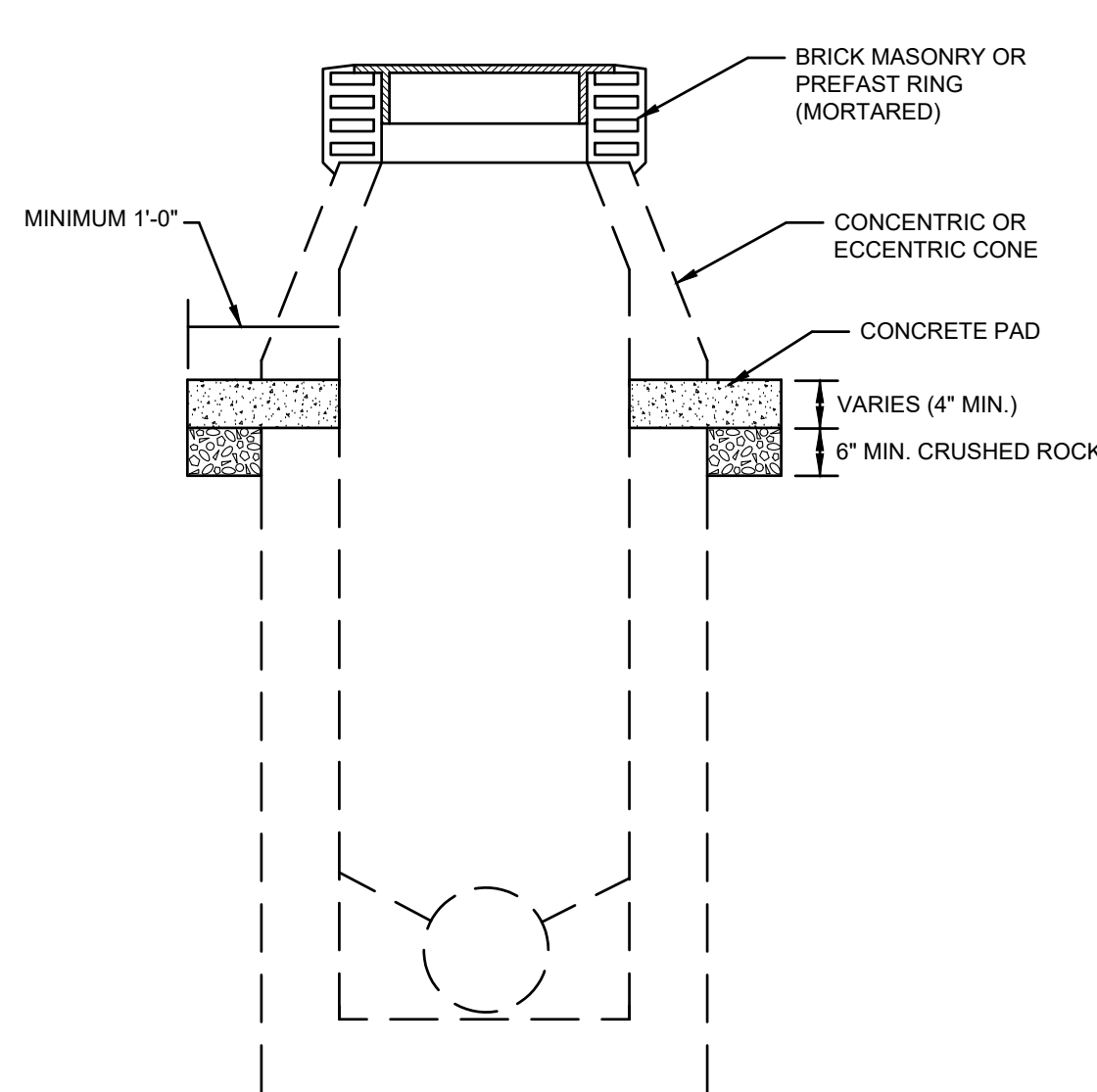
1. **EXTERNAL CONNECTIONS FOR NEW CONSTRUCTION WYE BRANCHES --**
For new construction there shall be installed wye branches of size and type shown on the plans with six (6") inch openings at locations shown on the plans or as described by the Engineer.
2. **EXTERNAL CONNECTION TO EXISTING MAIN --** Connections to existing main may be accomplished as follows:
 - a. **SADDLES --** Connections may be made by excavating the existing main and cutting a hole using approved equipment and installing a saddle. Sewer service connections constructed with saddles shall include straps, a one-eighth (1/8") degree bend, and a closure pipe. When existing main has been rehabilitated by trenchless method of construction, the saddle connection shall be made to the pipe/or liner.
 - b. **TEES --** Connections may be made by removing a section of existing pipe and installing a wye branch. Fittings and closure assembly shall be used to make the connection and shall be supplied in a normal diameter or six (6") inches. The external connection shall be considered complete when backfilling and surface restoration is complete. Service connections constructed with wye branches shall include a one-eighth (1/8") degree bend, elbow, and when required, a closure piece.
3. **RISER**
 - a. **INSTALLATION --** The pipe may be installed in one of three ways shown above.
 - b. **SIZE AND MATERIAL --** The riser pipe shall be six (6") inch PVC or DIP.
 - c. **CONCRETE ENCASEMENT --** Concrete encasement around riser shall meet the requirement established above.
4. **LOCATOR TAPE --** A locator tape, green in color stating "CAUTION -- SANITARY SEWER RISER BURIED BELOW" shall be attached to the sanitary sewer riser and extended to a minimum of two (2') feet above the ground, the tape shall be three (3") inch wide DuraTac as manufactured by THOR Enterprises, Inc., of Sun Prairie, Wisconsin or approved equal.

BORING STANDARD DETAIL

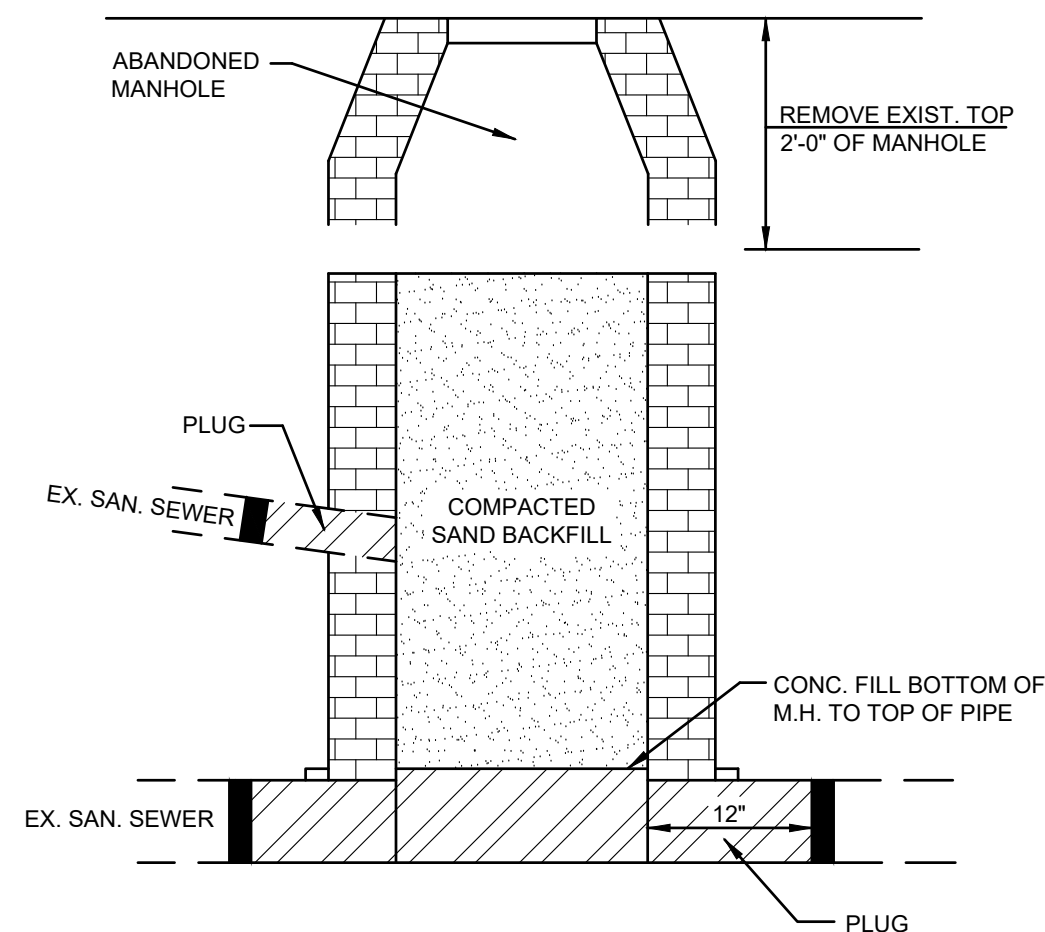


SECTION

STANDARD DETAILS FOR REBUILDING MANHOLES

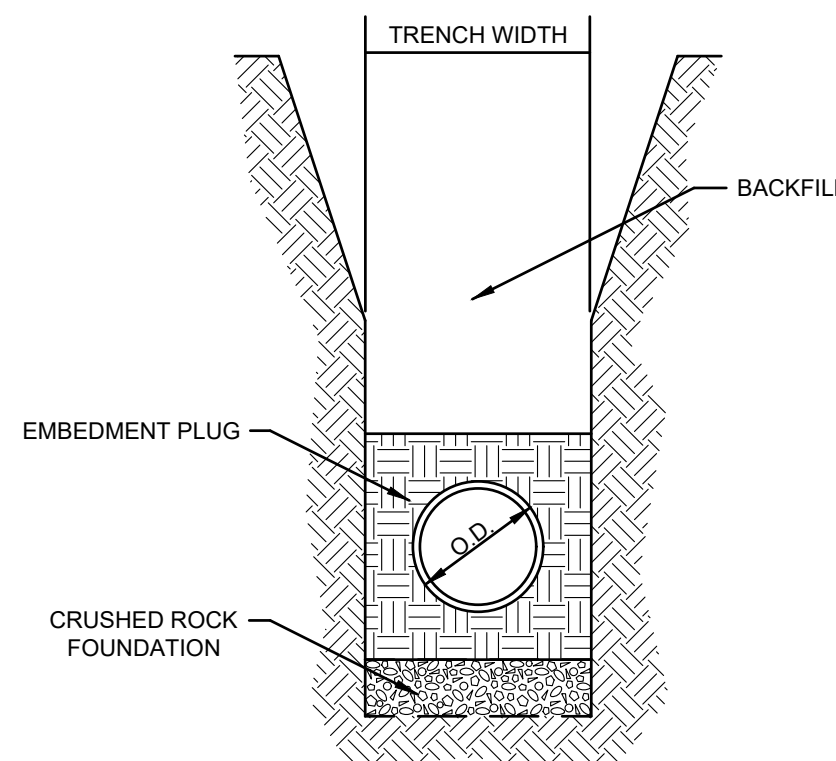


STANDARD DETAILS FOR ABANDONING MANHOLES



NOTE: Salvaged materials, including ring and cover shall be delivered to the Line Maintenance Division of the Water and Wastewater Utilities Department at 621 N. Pennsylvania Avenue.

EMBEDMENT PLUG STANDARD DETAIL



NOTES:

Two types of embedment plugs may be used, at the Contractors option, as follows:

1. **PLAY PLUGS** -- the embedment and backfill material shall be select clay separated from excavated material and shall be approved by the Engineer prior to placement. This material shall be free of clods, clumps, debris, organic material and stones. all clay plug material shall be compacted to a minimum of ninety (90%) percent of Standard Proctor Density (ASTM D-698) at plus or minus three (3%) percent of Optimum Moisture Content.
2. **FLOWABLE FILL PLUGS** -- Flowable fill plugs shall consist of a Portland Cement grout having a minimum twenty-eight (28) day compressive strength of five hundred (500 psi) pounds per square inch.

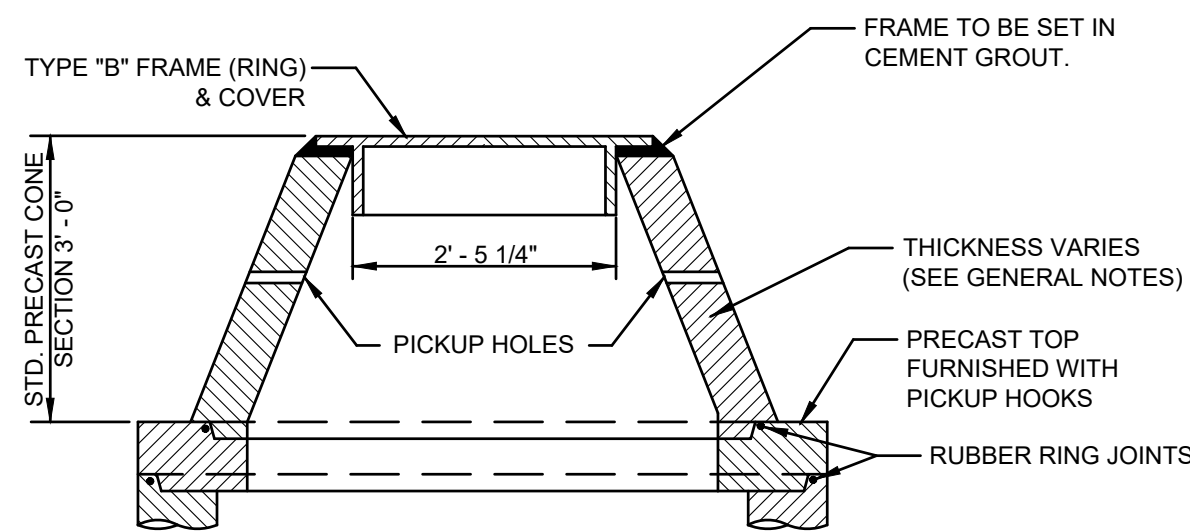
[illegible]

WEST SIDE OF 12th STREET ADDITION
2400 S. 12TH STREET CHICKASHA, OK 73018
SANITARY SEWER DETAIL SHEET

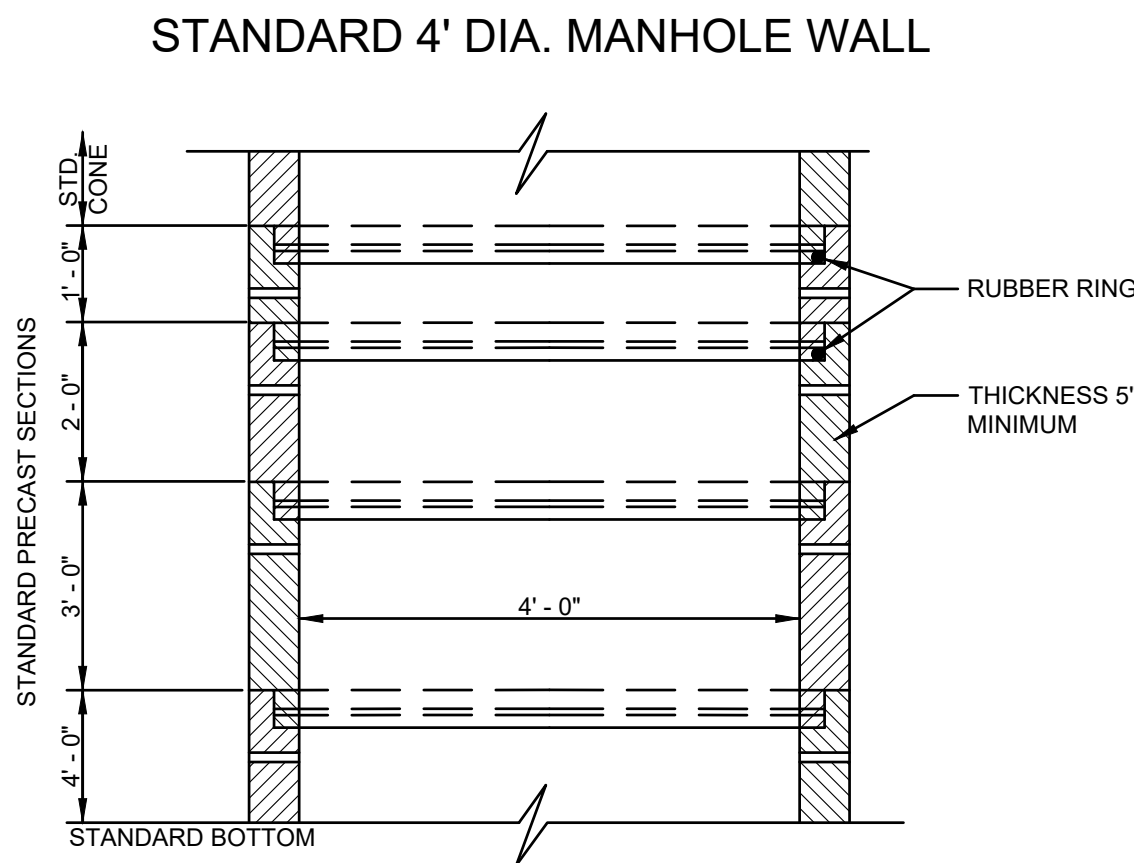
SCALE:
N.T.S.

SHEET
5

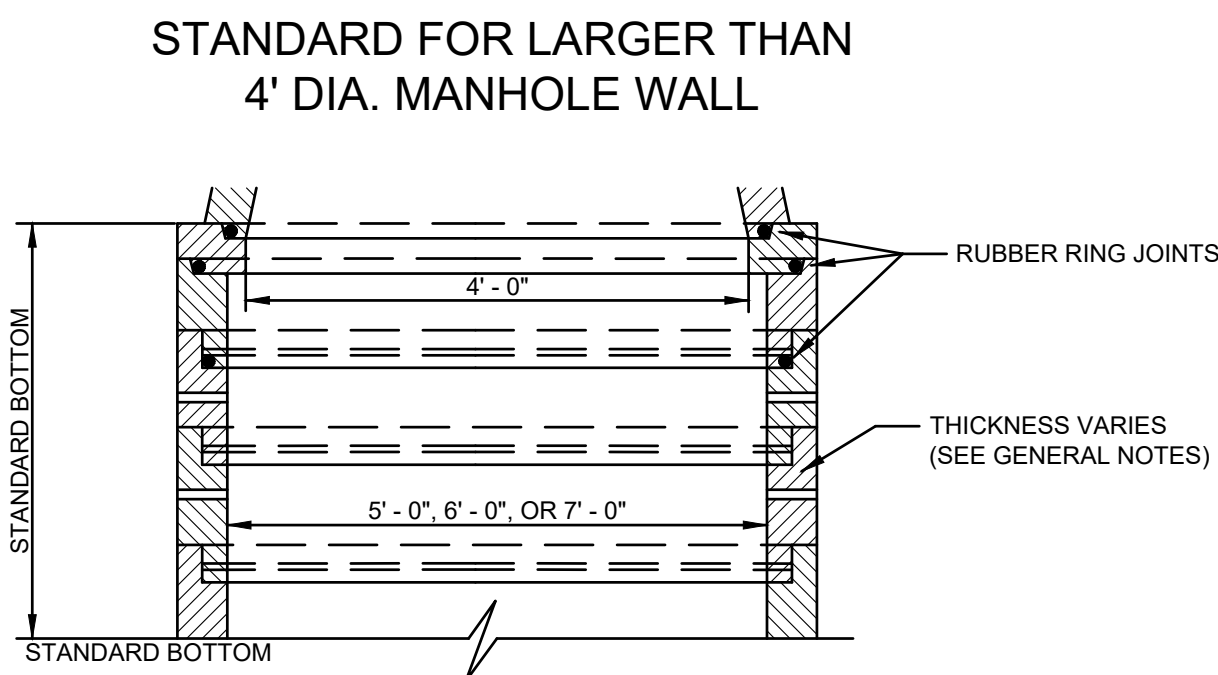
SANITARY SEWER STANDARD DETAILS - PRECAST REINFORCED CONCRETE MANHOLES



CONCENTRIC CONE



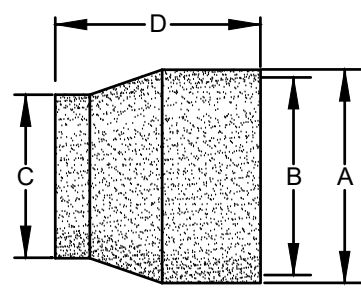
STANDARD 4' DIA. MANHOLE WALL



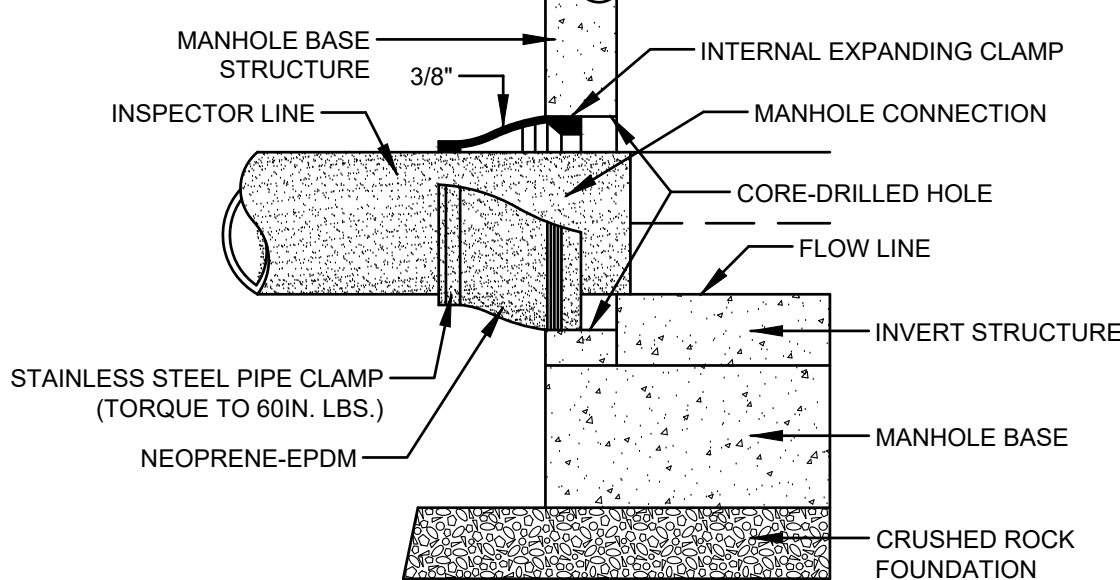
STANDARD FOR LARGER THAN 4' DIA. MANHOLE WALL

MANHOLE-PIPE CONNECTION

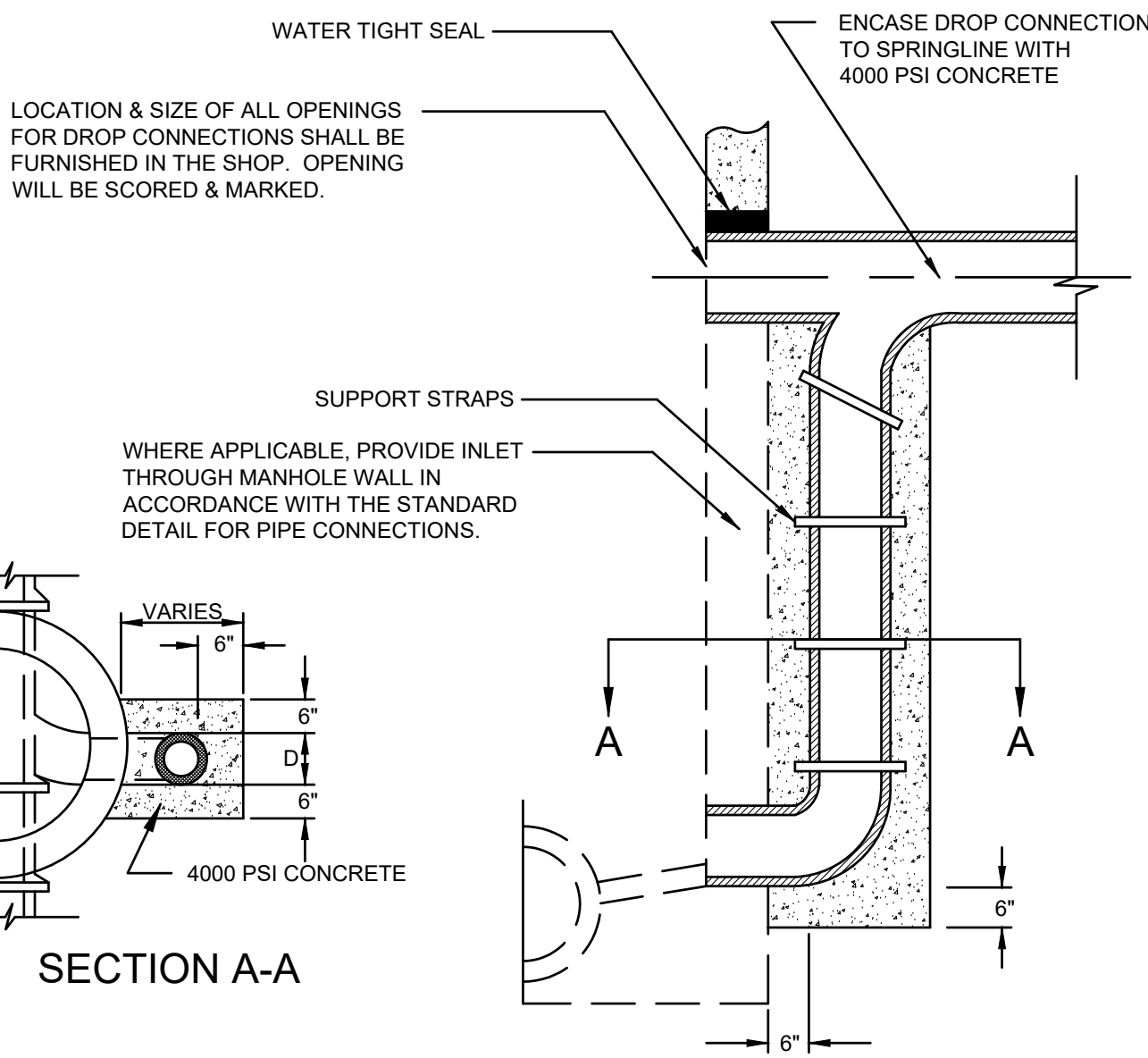
- NOTE:
- 1. ALL PIPE SHALL BE STAINLESS STEEL
 - 2. NEOPRENE-EPDM BLENDED COMPOUND BOOT SHALL MEET ASTM C-923



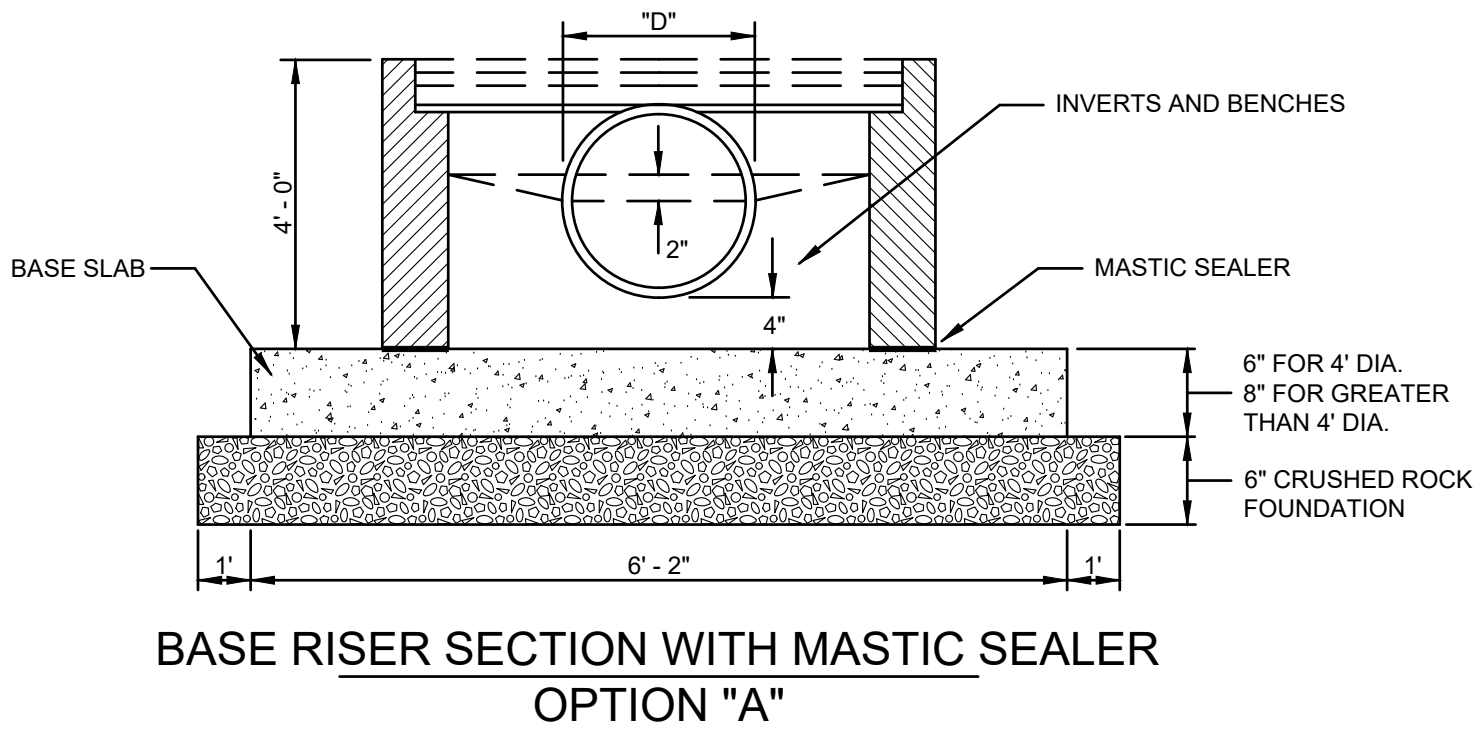
SUGGESTED PIPE O.D. RANGE (IN.)	HOLE & BOOT DIAMETER DIMENSIONS			
	A	B	C	D
3 1/2" - 4 1/2"	7"	6 1/8"	4 1/4"	6"
5 3/8" - 7"	12"	10 7/8"	6 1/2"	8"
7" - 8 1/2"	12"	10 7/8"	8"	8"
8 3/16" - 9 3/4"	12"	10 7/8"	9 1/4"	8"
9 1/4" - 11"	16"	14 7/8"	10 1/2"	8"
10 1/4" - 11"	16"	14 7/8"	12"	8"
12" - 13 3/4"	16"	14 7/8"	13 1/4"	8"
14 1/2" - 16 1/4"	20"	18 7/8"	15 3/4"	8"
15 3/4" - 17 1/2"	20"	18 7/8"	17"	8"
19 1/2" - 21 1/4"	24"	22 7/8"	20 3/4"	8"



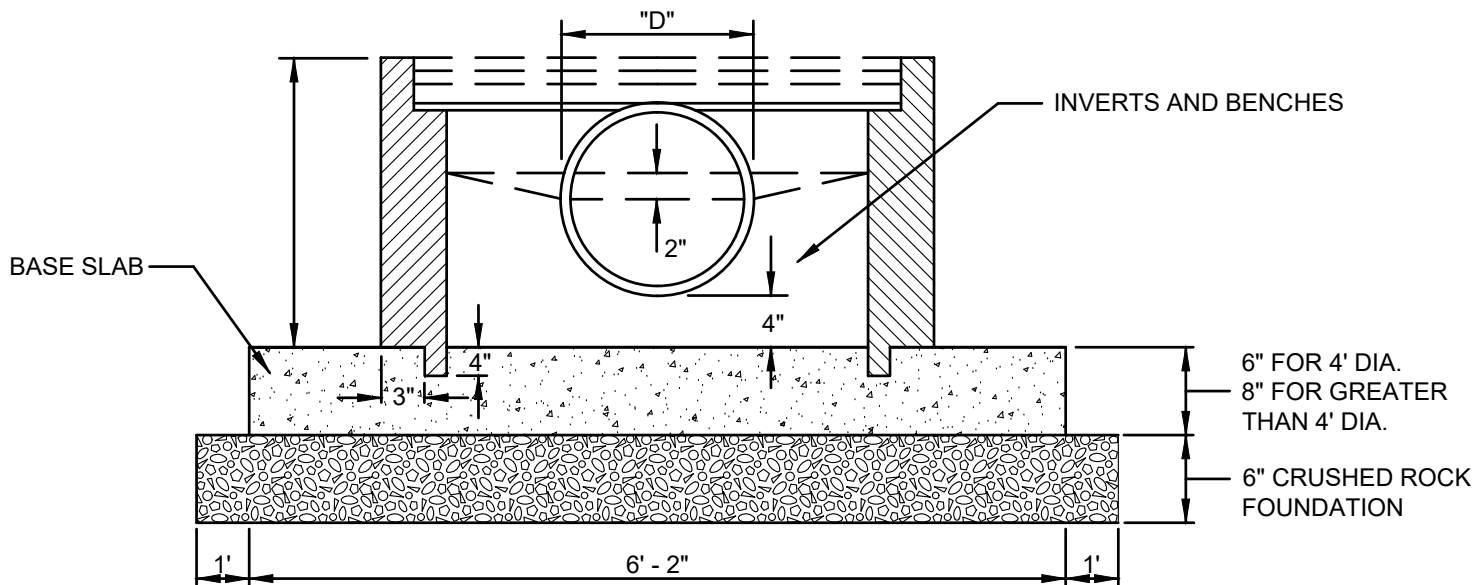
MANHOLE DROP CONNECTION



MANHOLE BASE SECTIONS

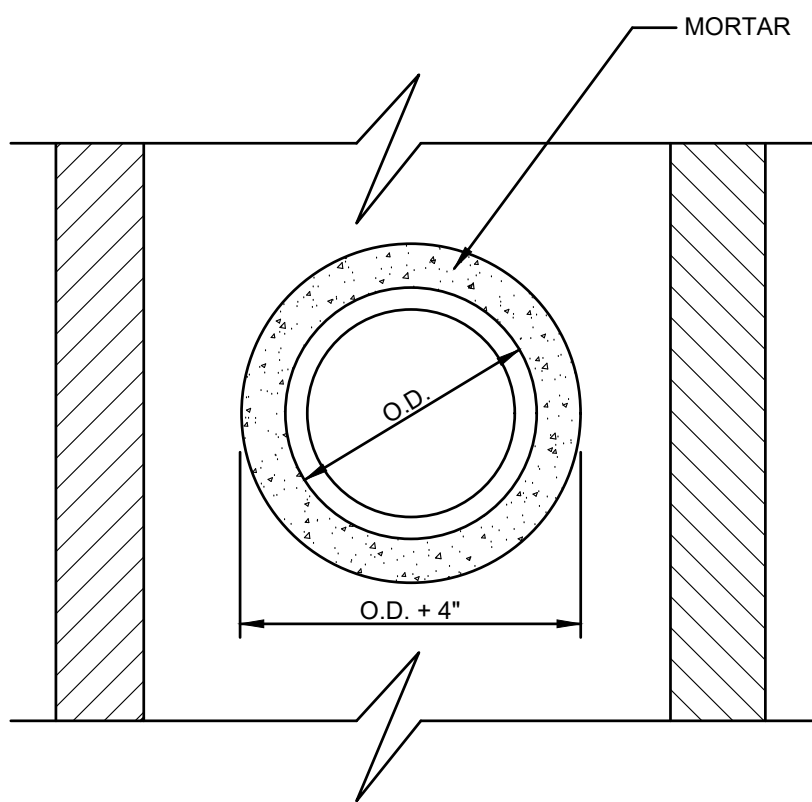


BASE RISER SECTION WITH MASTIC SEALER
OPTION "A"



BASE RISER SECTION WITH PREFORMED SOCKET
OPTION "B"

ABOVE INVERT PIPE CONNECTION



NOTE: SHOP SHALL SCORE CONCRETE WALLS TO DIMENSIONS SHOWN. REINFORCING TO BE CUT ON JOB SITE.

WEST SIDE OF 12th STREET ADDITION
2400 S. 12TH STREET CHICKASHA, OK 73018
SANITARY SEWER DETAIL SHEET

SCALE:
N.T.S.

SHEET
6

ENGINEERING
SURVEYING
PLANNING

PROJ. 116741
DATE: 5-18-22
DRAWN BY: BAW
DESIGNED BY: GWN
CHECKED BY:

NO. DATE DESCRIPTION

REVISIONS

BY

DATE

DESCRIPTION

NO. DATE DESCRIPTION

REVISIONS

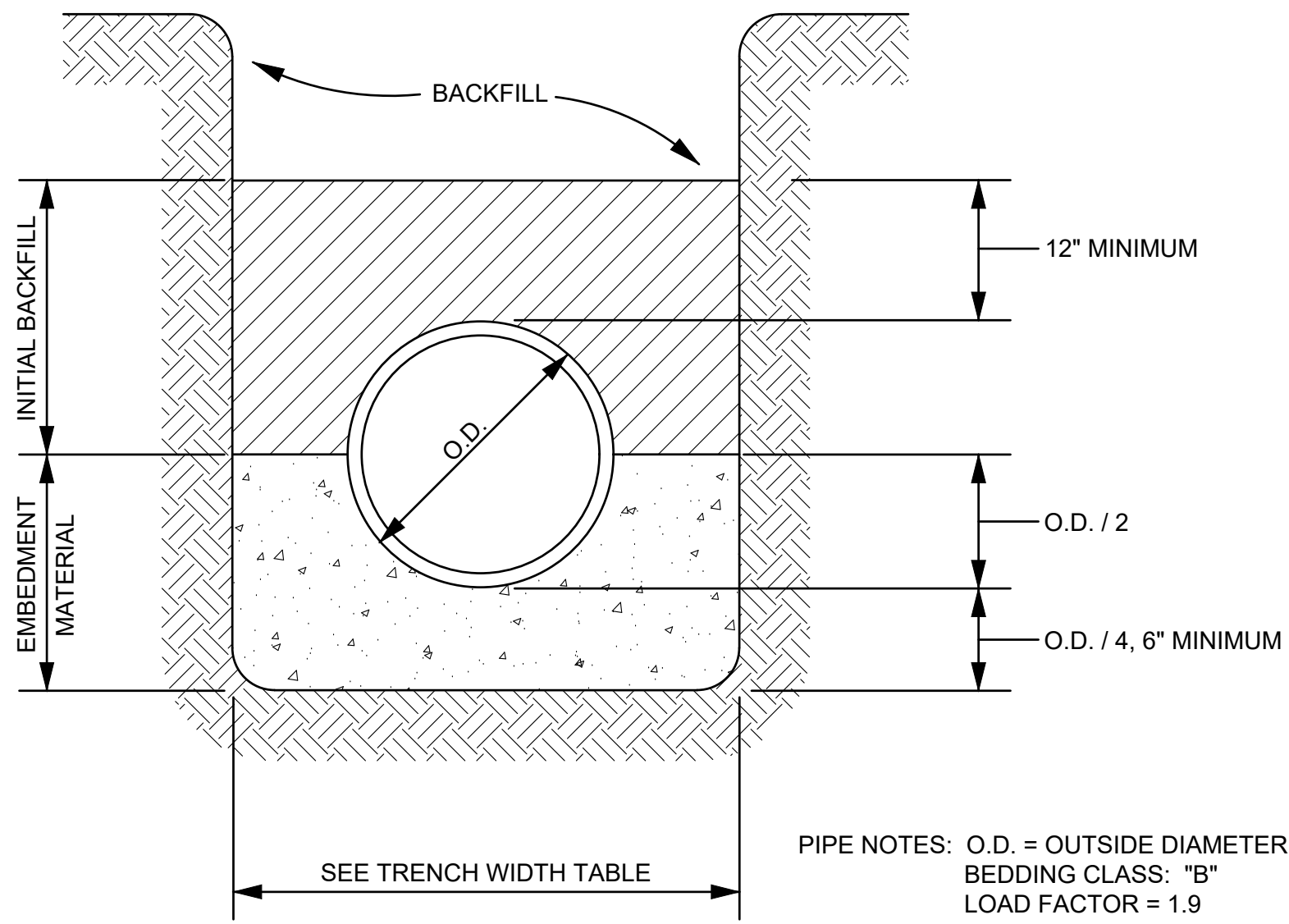
BY

DATE

DESCRIPTION

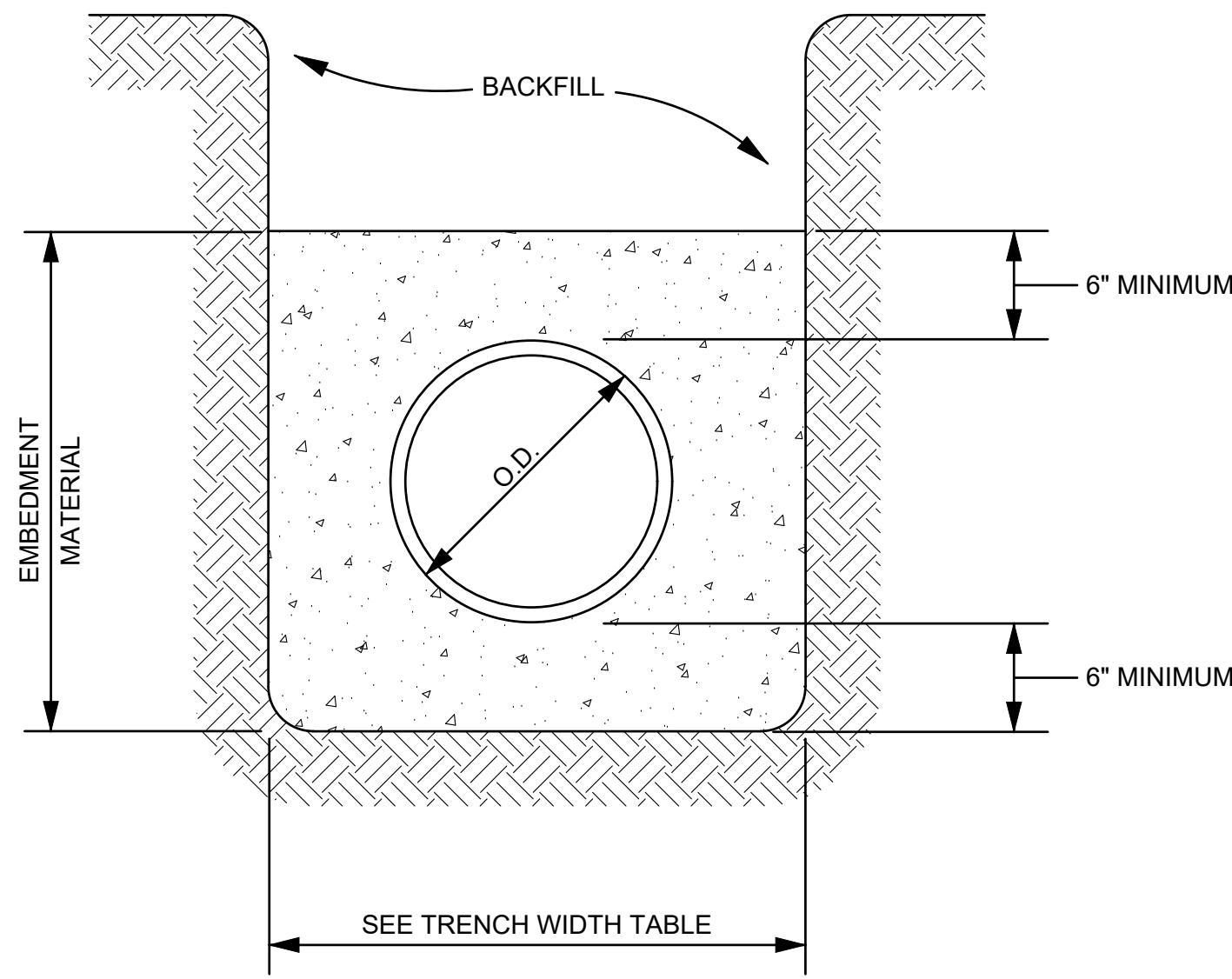
SANITARY SEWER PIPE - INSTALLATION DETAILS

RIDGED PIPE INSTALLATION (RCP, VCP)



PIPE NOTES: O.D. = OUTSIDE DIAMETER (IN.)
BEDDING CLASS: "B"
LOAD FACTOR = 1.9

FLEXIBLE PIPE INSTALLATION (DIP, HDPE, PVC, RFP)



EMBEDMENT MATERIAL

Embedment is that material to be placed from a minimum of six (6") inches below bottom of the pipe to the springline (half pipe diameter) or to a minimum of six (6") inches above top of pipe for rigid and flexible pipes, respectively. The remaining material to be placed over the embedment is considered backfill.

MATERIAL MATERIAL REQUIREMENTS

- GENERAL** -- Embedment material for all rigid and flexible pipes shall be crushed rock meeting the requirement of either ASTM D-2321, Class 1A, or ASTM C-33, Number 57 or 67 and gradations shown below:

Nominal Sieve Size	Percent Passing		
	ASTM D-2321	ASTM C-33	
	Class 1A	Number 57	Number 67
1 1/2 inch	100%	100%	
1 inch	ASTM D-2321	95 to 100%	100%
3/4 inch			90 to 100%
1/2 inch		25 to 60%	
3/8 inch			20 to 55%
Number 4	≤10%	0 to 10%	0 to 10%
Number 8		0 to 5%	0 to 5%
Number 200	≤5%		

- COMPACTION REQUIREMENTS** -- All embedment material shall be placed in six (6") inch lifts to the following minimum percent of Standard Proctor Density as determined by ASTM D-698. "Tests for Moisture -- Density Relations of Soil -- Aggregate Mixtures", and ASTM D-2049, "Test for Related Density of Cohesionless Soils", respectively.

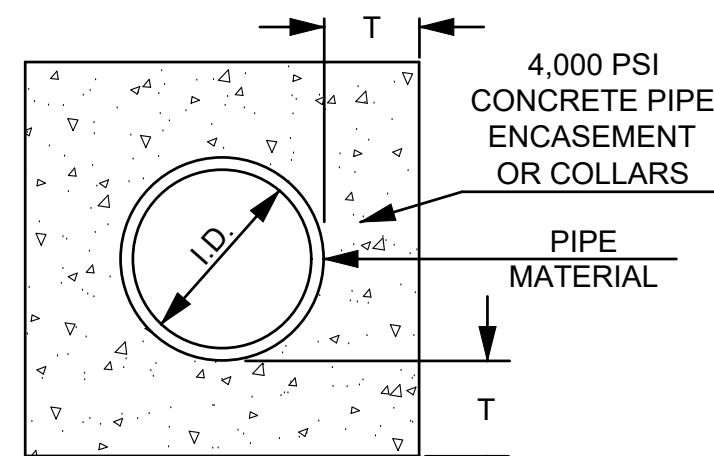
Compaction Test	Compaction Requirement
Standard Proctor Density	95%
Relative Density	75%

- COMPACTION METHODS** -- All embedment material shall be compacted in accordance with the methods described in Part "3" of "Backfilling."

VERTIFIED CLAY PIPE MINIMUM PIPE DESIGN ASTM C-700

Pipe Nominal Size (inches)	Minimum Three-Edge Bearing Strength (lb./ft)	Maximum Depth of Cover (feet)
4	2000	25
6	2000	25
8	2200	20
10	2400	18
12	2600	16
15	2900	15
18	3300	14
21	3850	14
24	4450	14
27	4700	13
30	5000	13
33	5500	13
36	6000	13
39	6550	13
42	7000	12

PIPE ENCASEMENT AND COLLARS



NOMINAL DIAMETER (INCHES)	T (INCHES)
≤18"	6"
>18" & ≤30"	8"
>30" & ≤42"	10"
≤42"	12"

NOTE: FOR COLLARS, THE CONCRETE ENCASEMENT SHALL BE PLACED TO A MINIMUM OF TWELVE (12") INCHES ON EITHER SIDE OF THE JOINT.

REINFORCED CONCRETE PIPE (RCP) MINIMUM PIPE DESIGN

- HIGHWAYS** -- Minimum pipe class for diameter twenty-four (24") inches to one-hundred-two (102") inches meeting the requirements of ASTM C-76 shall be as follows:

MAXIMUM DEPTH OF COVER (feet)	MINIMUM CLASS
10	III
10	III
10	III

For maximum depth of cover of thirty (30') feet, pipes ranging from twenty-four (24") inches to fifty-four (54") inches in diameter shall be designed and manufactured in accordance with ASTM C-655 and shall have the following minimum three-edge bearing strength for 0.01 crack (D 0.01) in pounds per lineal foot of inside diameter.

PIPE NOMINAL SIZE (in.)	D _{0.01} (lb./lineal ft. per ft. of inside diameter)
24	3200
27	3050
30	3050
33	3475
36	3475
42	3450
48	3300
54	3125

Pipes ranging in diameter from sixty (60") to one-hundred-two (102") inches in diameter shall be class V for a minimum depth of cover of thirty (30') feet when manufactured in accordance with ASTM C-76.

- RAILROADS** -- Minimum pipe class for E-80 Railroad live load pipe size twenty-four (24") inches to one-hundred-two (102") inches in diameter meeting the requirements of ASTM C-76. or ASTM C-655 shall be as follows:
 - MAXIMUM DEPTH OF COVER TEN (10') FEET -- Diameters twenty-four (24") inches to one-hundred-two (102") inches shall be Class VI.
 - MAXIMUM DEPTH OF COVER FIFTEEN (15') FEET -- diameters twenty-four (24") inches to forty-two (42") inches shall be Class V and forty-eight (48") inches to one-hundred-two (102") inches shall be Class VI.
 - MAXIMUM DEPTH OF COVER TWENTY (20') FEET -- Diameters twenty-four (24") inches to one-hundred-two inches shall be class V.
 - MAXIMUM DEPTH OF COVER TWENTY-FIVE (25') FEET -- Diameter twenty-four (24") inches shall have D 0.01 of thirty-one-hundred (3100 lb./l.f.) pound/lineal foot per foot of inside diameter. Diameters twenty-seven (27") inches to one-hundred-two (102") inches shall be Class V.

PIPE NOMINAL SIZE (in.)	D _{0.01} (lb./lineal ft. per ft. of inside diameter)
24	3300
27	3125
30	3150
33	3575
36	3575
42	3550
48	3400
54	3225
60	3100

Diameters sixty-six (66") inches to one-hundred-two (102") inches shall be Class V.

BACKFILLING

- DESCRIPTION** -- Backfill is that portion of the total backfill down to but not including the pipe embedment material. The back fill shall be only material approved by the Engineer consisting of loose earth, free of clods, stones, organic matter, debris or other objectionable material. All backfilling shall be done in such a manner as not to disturb or injure the pipe or structures over or against which it is being placed. Any pipe or structure injured or moved from its proper line or grade during backfilling operations shall be opened up and repaired then rebackfilled as herein specified.

The placing of backfill mater shall not begin until approved for so doing has been given by the Engineer, but backfilling about structures or portion of structures shall be done immediately when so ordered by the Engineer. The top surface of all slopes of all backfill shall be neatly graded off where selected topsoil, or sod or other material is removed and piled separately, such material shall be carefully replaced in a manner satisfactory to the Engineer. The top twelve inches of backfill shall be of as good quality as the original topsoil, which is removed.

- COMPACTING REQUIREMENTS** -- All backfill shall be placed and compacted in six (6") inch lifts for hand-tamped equipment and thirty (30") lifts of self-propelled or power driven equipment to the following minimum percent of Standard Proctor Density of Related Density as determined by ASTM D-698, "Test for Moisture-Density Relations of Soil and Soil Aggregate Mixtures", and ASTM D-2049 "Text for Relative Density of Cohesionless Soils", respectively. ASTM Test D-2049 shall be performed on cohesionless (Granular) soils.

Cohesive backfill material shall reach the indicated compaction levels at plus (+) or minus (-) three (3%) percent of optimum moisture content. The lift thickness shall be reduced, if necessary, to meet the compaction requirements specified herein.

General Location	Percent Compaction (%)	
	Standard Proctor Density (ASTM D-698)	Standard Proctor Density (ASTM D-698)
Under Traffic Area or Improved Existing Surfaces	95	75
Urban & Residential Areas	90	70
Underdeveloped & Other Areas	85	70

- COMPACTING METHODS** -- Compacting methods may vary depending on the materials or as approved by the Engineer.

- COHESIVE MATERIALS** -- Compaction of cohesive materials may be obtained by the use of impact type equipment in confined areas; pneumatic tampers and engine driven rammers may also be used. In relatively narrow trenches, self propelled rammers may also be used. In wide trenches, sheepfoot rollers may be used.

SANITARY SEWER PIPE STANDARD DETAILS - FRAME (RING) & COVER (LID)

GENERAL NOTES
FRAME (RING) & COVER

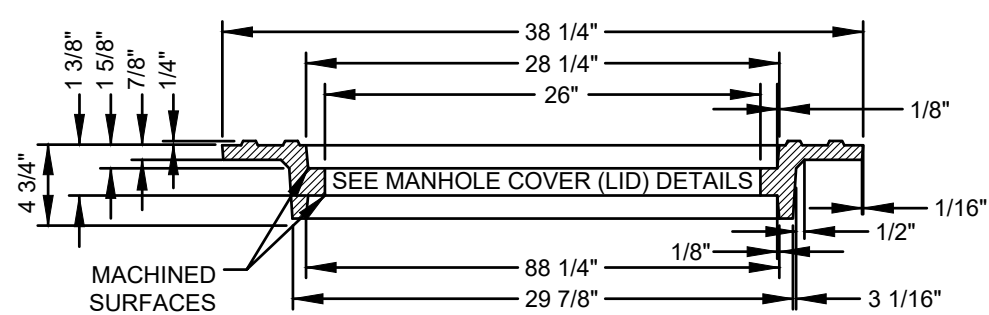
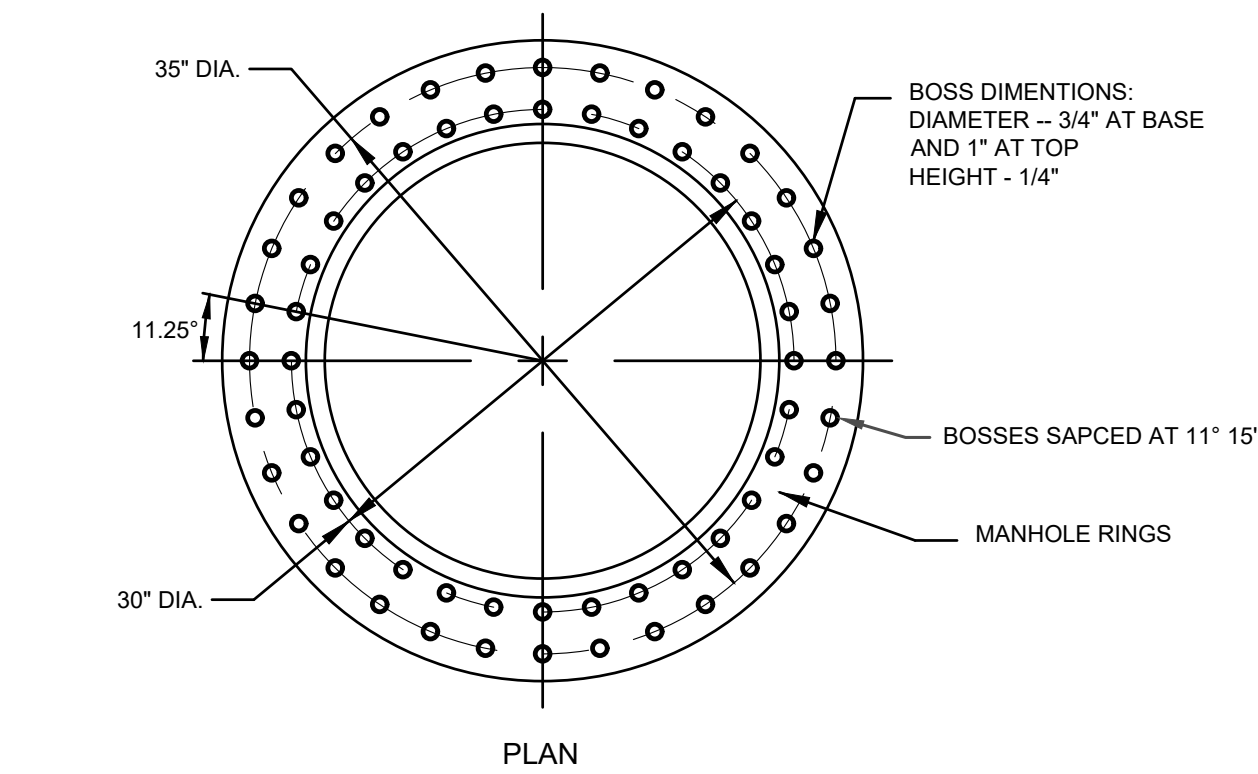
1. GENERAL -- Cast iron rings, tops, covers, grating and all cast iron fitting shall be sound, true to form and thickness, and neatly finished and shall fit together in a satisfactory manner. Castings shall be clean, uniform and whole without blow or sand holes, dross, hard spots, shrinkage distortion or any other surface defects which would impair serviceability. Casting surfaces shall be smooth and well-cleaned by shot blasting or other approved cleaning method. Plugging or filling holes or other defects shall not be permitted. Parting fins and pouring gates shall be removed. Sharp edges resulting from fabrication shall be dulled by acceptable method to ensure safety in handling. Casting shall conform to the requirements of the Standard Specification for Grey Iron Fittings ASTM A-48, Class "30 B" for rings and "35 B" for covers and the approved Standard Details for Manhole Rings and Covers.

All rings and covers shall be accurately and carefully placed. All rings shall be beaded in a substantial layer of mortar, shall have a full bearing and shall be set to the exact grade. Unless other wise shown, top of covers shall be flush with or slightly above the surrounding surface. When each cover is placed in any position on the ring, the side play shall not exceed one-eighth (1/8") inch in any direction.

2. RINGS -- Rings may be manufactured in accordance with the Standard Detail for Reversible Manhole Rings.
3. COVERS --
- A GENERAL -- Manhole covers may be manufactured in accordance with the appropriate Standard Details for Vented or Non-Vented Covers.
- B COATING -- When called for on the plans or specified, the underside of all manhole covers shall be given one (1) coat of asphalt varnish after visual inspection and approval on the job site.
- C APPLICATION -- All lids (covers) in street right-of-way shall be non-vented.
4. CASTING WEIGHTS -- The average weight of casting will be not less than 95% of weights shown below:

Ring Only	235 LBS.
Cover Only	195 LBS.
Totals	430 LBS

REVERSIBLE MANHOLE FRAME

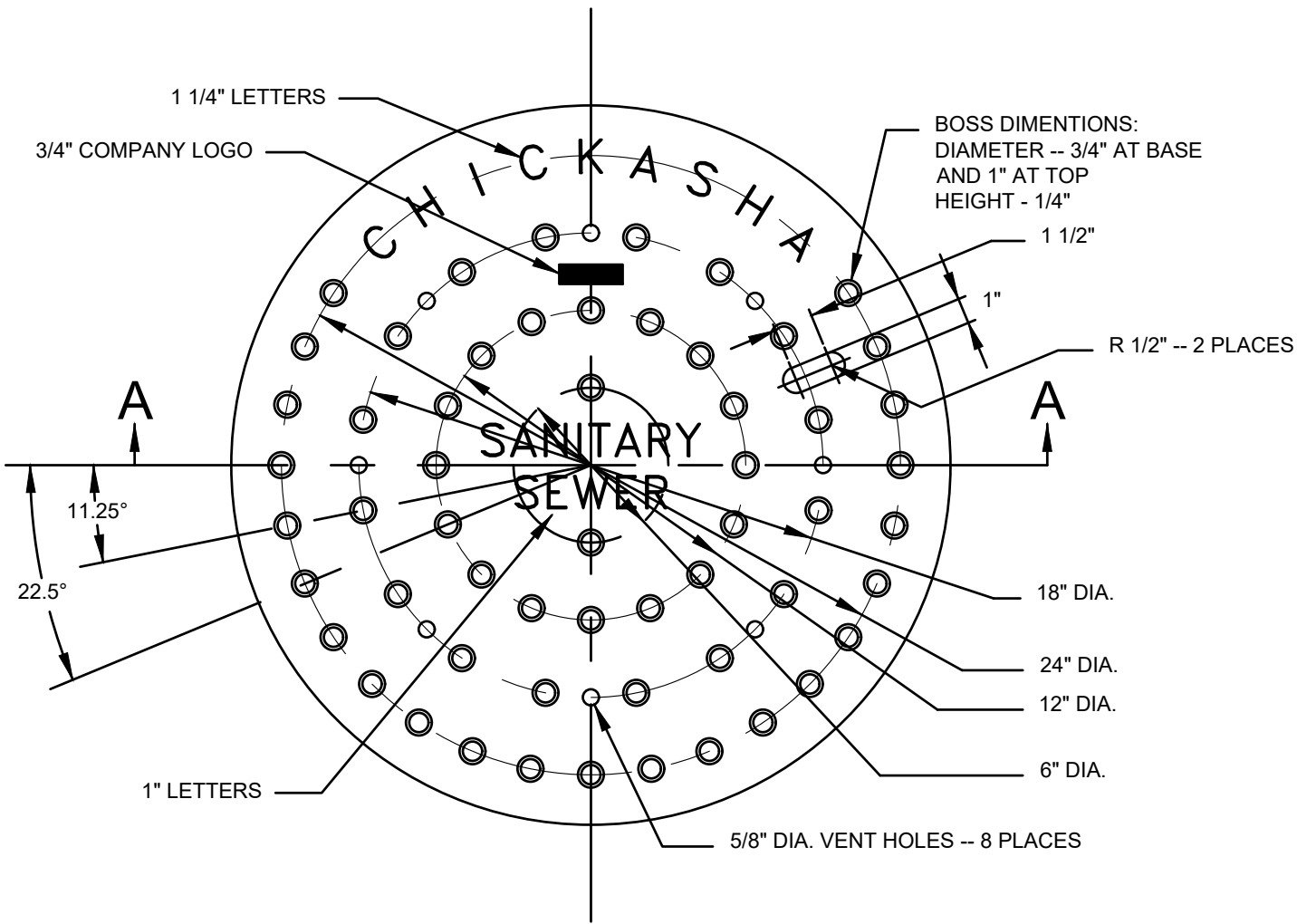


SECTION
AS SHOWN FOR OUT OF PAVING INSTALLATION
REVISED FOR IN PAVING INSTALLATION

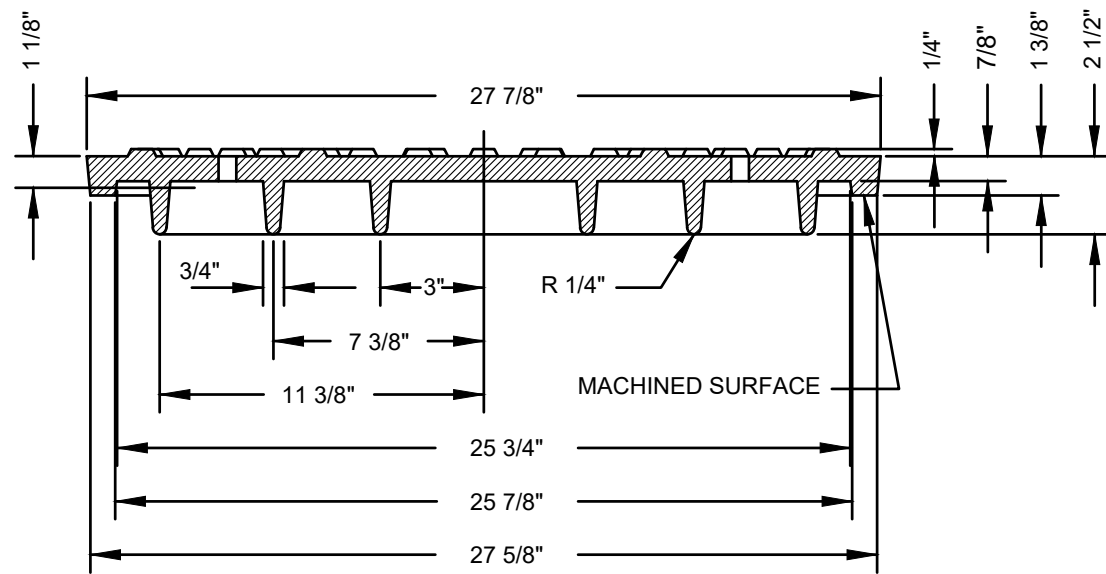
GENERAL NOTES:

1. FINISH EXCESS IRON AND FINS;
MACHINE SEATING SURFACES FLAT
TO NOTED DIMENSIONS.
2. FILLETS SHALL BE 1/4" UNLESS
OTHERWISE SPECIFIED.
3. UNLESS OTHERWISE SHOWN,
ALL DIMENSIONS ARE IN INCHES.

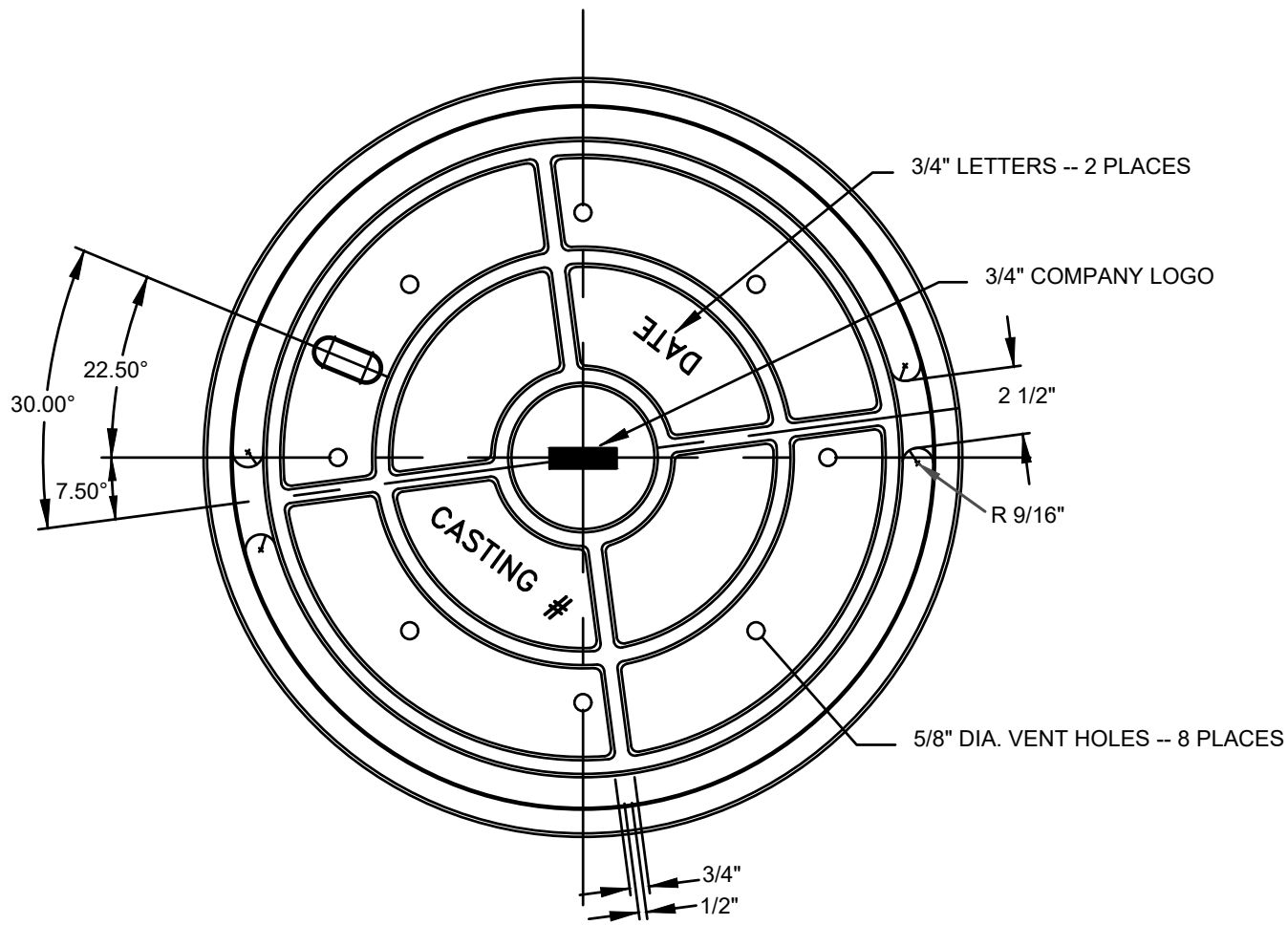
VENTED MANHOLE COVER (LID)



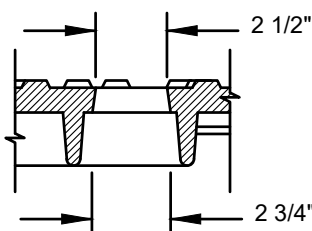
PLAN OF TOP



SECTION A-A

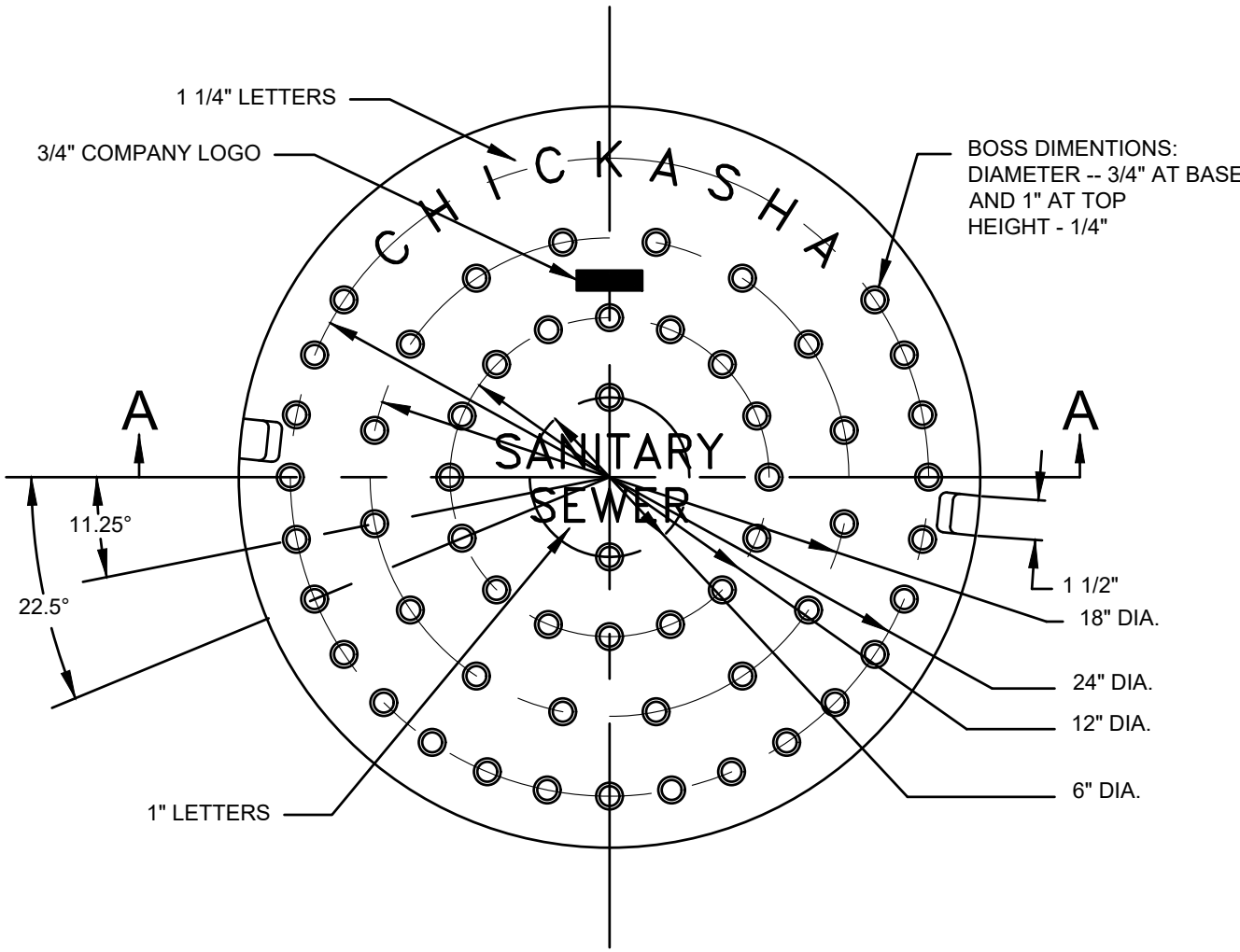


PLAN OF UNDERSIDE

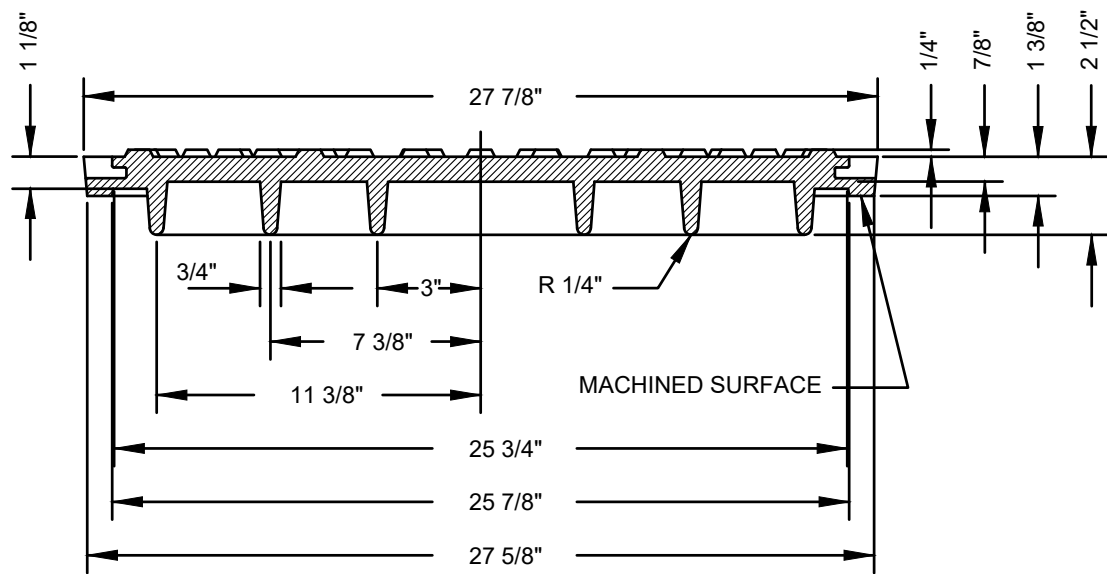


SECTION THRU
PICK SLOT

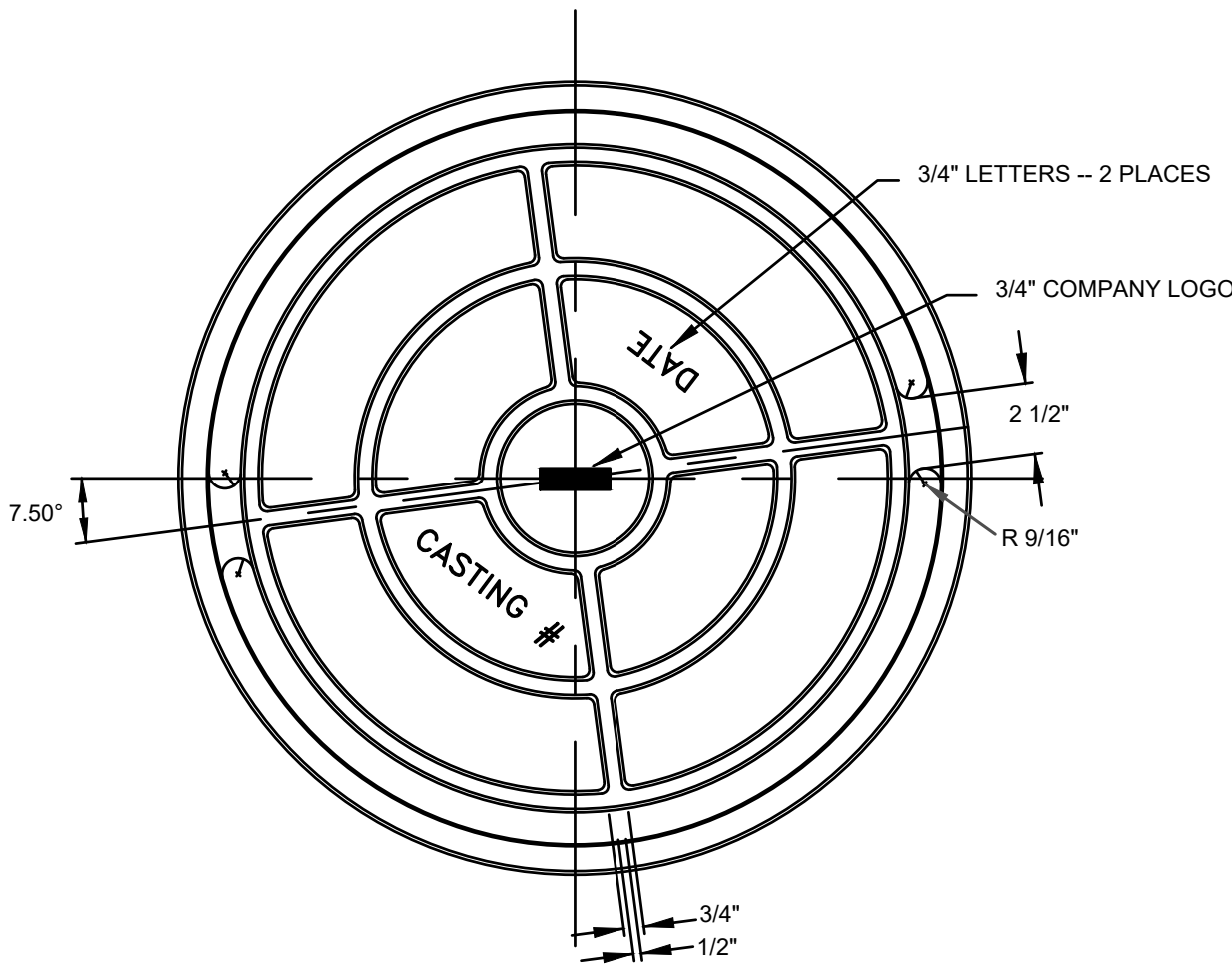
NON-VENTED MANHOLE COVER



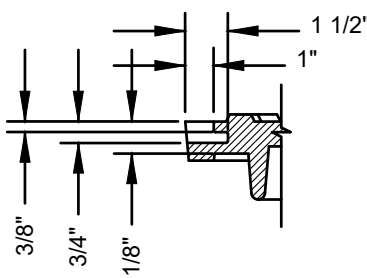
PLAN OF TOP



SECTION A-A



PLAN OF UNDERSIDE



SECTION THRU
PICK SLOT

GENERAL NOTES:

1. FINISH EXCESS IRON AND FINS;
MACHINE SEATING SURFACES FLAT
TO NOTED DIMENSIONS.
2. FILLETS SHALL BE 1/4" UNLESS
OTHERWISE SPECIFIED.
3. UNLESS OTHERWISE SHOWN,
ALL DIMENSIONS ARE IN INCHES.

WEST SIDE OF 12th STREET ADDITION
2400 S. 12TH STREET CHICKASHA, OK 73018
SANITARY SEWER DETAIL SHEET

SCALE:
N.T.S.

SHEET
8

REVISIONS		NO.		DATE		DESCRIPTION	
BY		BY		BY		BY	

PROJ. 116741
DATE: 5-18-22
DRAWN BY: BAW
DESIGNED BY: GWN
CHECKED BY: GWN

ENGINEERING
SURVEYING
PLANNING
SRB
CERTIFICATE OF AUTHORIZATION
NO. 15459 EXPIRES JUNE 30, 2027

-AIR CONDITIONER -AREA DRAIN OR CATCH BASIN -ALPHA BOX -AUTO SPRINKLER -AIR VENT -PROP. MON. -BUSH -CLEAN OUT -DOWN SPOUT -ELECTRIC METER	-ELECTRIC MANHOLE -ELECTRIC MARKER -ELEVATOR -ELECTRIC UTILITY RISER -ELECTRIC UTILITY TRANSFORMER -FRENCH DRAIN -FIRE HYDRANT -FLAG POLE -FLAG -FIRE VALVE -GUY ANCHOR -GAS METER	-GAS MARKER -GRADE POST -QUARE TRAP -GAS VALVE -HC SIGN -HC PARKING -INLET -LIGHT POLE -MAIL BOX -MONITORING WELL	-MISC. MARKER -PIER -PAILBOX -PARKING METER -POWER POLE -POLE WITH SERVICE -QUARTER CORNER -NORTH-WEST QUARTER CORNER -NORTH-SOUTH QUARTER CORNER -REFERENCE POINT -SECTION CORNER	-SPRINKLER CONTROL VALVE -SANITARY SEWER LIFT STATION -SEWER -SANITARY SEWER MANHOLE -SEPTIC TANK -STORM SEWER -TRAFFIC CONTROL -TELEPHONE MANHOLE -TELEPHONE MARKER -TELEPHONE PEDISTAL	-TREE -TREE -TRAFFIC SIGNAL LIGHT -TRAFFIC MANHOLE -TV PEDestal -TV -VENT -ROUND WATER METER -WATER MARKER -WATER METER PIT	-WATER MANHOLE -SQUARE WATER METER -WATER SHUT OFF (SPRIGOT) -WATER VALVE -WATER WELL -YARD LIGHT -BM #1 -BL "XX,XX"
-F/O -UNDERGROUND FIBER OPTIC	-G -UNDERGROUND GAS	-STS -UNDERGROUND STORM SEWER	-SS -UNDERGROUND SANITARY SEWER	-C/W -UNDERGROUND CHILLED WATER	-HEDGE -TRELLISE	-TUG -UNDERGROUND TELEPHONE
-O/TN -OVERHEAD BANK	-U/E -UNDERGROUND ELECTRIC	-W -OVERHEAD WATER	-O/T -OVERHEAD TELEPHONE	-O/TN -OVERHEAD TELEVISION	-ONE -OVERHEAD ELECTRIC	-BARBED WIRE FENCE
-TOE OF BANK	-TOP OF BANK	-CHAINLINK FENCE	-STOCKADE FENCE	-OVERHEAD WATER	-BARBED WIRE FENCE	-TOE OF BANK



#1
CUT "X" ON CONCRETE RAMP
TO CROSSWALK
ELEV=1152.74

#2
CUT "X" ON CONCRETE RAMP
TO CROSSWALK
ELEV=1146.10

BM #3
CUT "X" ON TOP OF HEADWALL
ON EAST SIDE OF S. 12TH ST.
ELEV=1135.47

PRIMARY
HORIZONTAL / VERTICAL CONTROL

HORIZONTAL DATUM:

OKLAHOMA STATE PLANE SOUTH ZONE (CORS 2011)

MONUMENT: CP 100

DESCRIPTION: 1/2" IRON PIN W/PINK SRB CONTROL CAP

N: 617748.496
E: 1982095.111
Z: 1163.110

MONUMENT: CP 101

DESCRIPTION: 1/2" IRON PIN W/PINK SRB CONTROL CAP

VERTICAL DATUM:

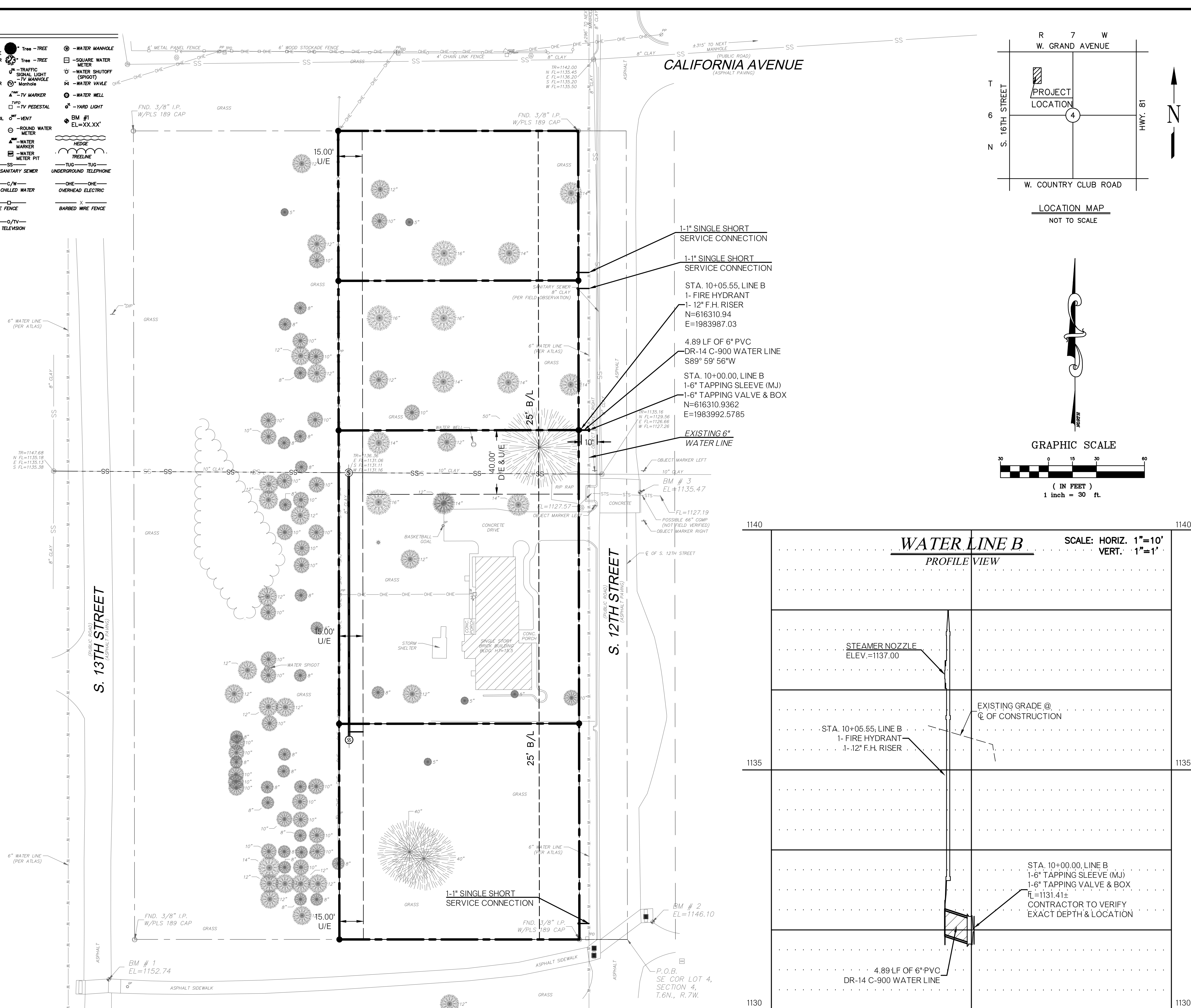
OKLAHOMA STATE PLANE SOUTH ZONE (CORS 2011)
NAVD 88; GEOID 12B

DESCRIPTION: 1/2" IRON PIN W/PINK SRB CONTROL CAP 10' WEST OF DIP SIGN E SIDE S. 13TH

N: 616384.939
E: 1983704.859
Z: 1144.395

UTILITY STATEMENT:

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.



**ENGINEERING
SURVEYING
PLANNING**

[illegible]

PROJ. 116741
DATE: 5-18-22
DRAWN BY: BA
DESIGNED BY: GV

WEST SIDE OF 12th STREET ADDITION
22400 S. 12TH STREET CHICKASHA, OK 73018
WATER LINE LAYOUT SHEET

SCALE:
HOR. 1"=3

SHEET
2

WEST SIDE OF 12th STREET ADDITION

OWNER'S CERTIFICATE AND DEDICATION

KNOW ALL MEN BY THESE PRESENTS:

That Elliott Cousins, an Oklahoma Limited Partnership, does hereby certify that they are the owners of and of all persons, firms or corporation or entity having any rights, title, or interest in and to the land shown on the annexed plat of WEST SIDE OF 12th STREET ADDITION, an Addition to the CITY of CHICKASHA, GRADY COUNTY, STATE OF OKLAHOMA, and that they have caused the same to be surveyed and platted, and that they hereby dedicate all the streets and easements shown hereon to the public, for the purposes of streets, utilities, and drainage, for their heirs, executors, administrators, successors, and assign forever, and have caused the same to be released from all encumbrances so that the title is clear, except as shown in the abstractor's certificate.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be executed this _____ day of _____, 20___. Covenants, reservations, and restrictions for this addition may be filed under separate instrument.

Greg Elliot, Manager

STATE OF OKLAHOMA)
) SS:
COUNTY OF GRADY)

Before me, the undersigned Notary Public, in and for said County and State on this _____ day of _____, 20____, personally appeared Greg Elliot,
MANAGER of WEST SIDE 0F12TH STREET ADDITION, an Oklahoma Limited Partnership, to me known to be the identical person who executed the within and foregoing instrument, and acknowledged to me that he/she executed the same as his/her free and voluntary act and deed and as the free and voluntary act and deed of said corporation, for the uses and purposes herein set forth.

MY COMMISSION NUMBER: _____

MY COMMISSION EXPIRES: _____

NOTARY PUBLIC

CITY OF CHICKASHA PLANNING COMMISSION APPROVAL

I, _____, Chairman of the Planning Commission for the CITY of CHICKASHA, STATE OF OKLAHOMA, hereby certify that said Commission duly approved the annexed plat of WEST SIDE OF 12th STREET ADDITION, an Addition to the CITY OF CHICKASHA on this _____ day of _____, 20_____.

CHAIRMAN

ACCEPTANCE OF DEDICATION BY CITY COUNCIL

BE IT HEREBY RESOLVED by the Council of the CITY of CHICKASHA, GRADY COUNTY, STATE OF OKLAHOMA, that the dedications shown on the annexed plat of WEST SIDE of 12th STREET ADDITION, an Addition to the CITY OF CHICKASHA, GRADY COUNTY, STATE OF OKLAHOMA, are hereby accepted. ADOPTED by the Council of the CITY OF CHICKASHA, GRADY COUNTY, STATE OF OKLAHOMA this _____ day of _____, 20__.

ATTEST:

MAYOR

CERTIFICATE OF CITY CLERK

I, _____, City Clerk of the CITY of CHICKASHA, STATE OF OKLAHOMA, hereby certify that I have examined the records of said City and find that all deferred payments or unmatured installments upon special assessment have been paid in full and that there is no special assessment procedure now pending against the land shown on the annexed plat on this _____ day of _____, 20_____.

CITY CLERK

COUNTY TREASURER'S CERTIFICATE

I, _____, do hereby certify that I am the duly elected, qualified and acting County Treasurer of GRADY COUNTY, STATE OF OKLAHOMA, that the tax records of said County show all taxes are paid for the year _____, and prior years on the land shown on the annexed plat, that the required statutory security has been deposited in the office of the County Treasurer, guaranteeing payment of the current years taxes.

IN WITNESS WHEREOF, said County Treasurer has caused this instrument to be executed this _____ day of _____, 20__.

COUNTY TREASURER

LEGAL DESCRIPTION

A tract of land lying in the Northwest Quarter (NW/4) of Section Four (4), Township Six (6) North, Range Seven (7) West of the Indian Meridian, Grady County, Oklahoma, being more particularly described as follows:

BEGINNING at the Southeast corner of Government Lot 4, Section 4, as shown on the Plat of PROSPECT VIEW ADDITION, according to the recorded plat therein, said Southeast corner being 1314.68 feet, South 00°07'49" East and 1319.00 feet, South 89°59'19" East from the Northwest corner of said Section 4;

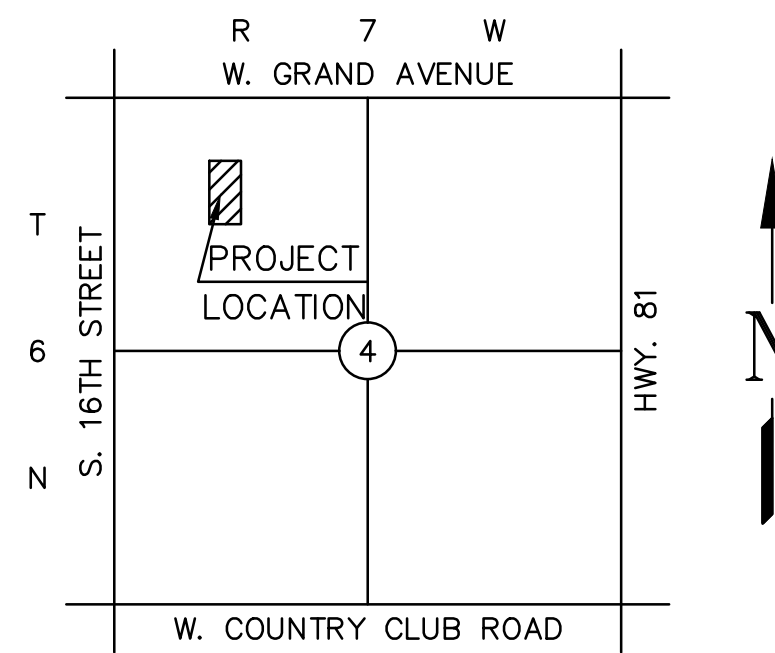
THENCE North 89°59'19" West, along the south line of said Lot 4, a distance of 180.00 feet;

THENCE North 00°05'20" West, parallel with the east line of said Lot 4, a distance of 505.32 feet;

THENCE North 89°59'49" East, parallel with the south line of said Lot 4, a distance of 180.00 feet to a point on the east line of said Lot 4;

THENCE South 00°05'20" East, along said east line, a distance of 505.37 feet to the POINT OF BEGINNING.

Said tract of land contains an area of 90,962 square feet or 2.0882 acres, more or less.



LOCATION MAP
NOT TO SCALE

THIS PLAT OF SURVEY MEETS THE OKLAHOMA MINIMUM STANDARDS FOR THE PRACTICE OF LAND SURVEYING AS ADOPTED BY THE OKLAHOMA STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS, AND SAID PLAT COMPLIES WITH THE REQUIREMENTS OF TITLE 11 SECTION 41-108 OF THE OKLAHOMA STATE STATUTES.

OWNER:
ELLIOTT COUSINS,
OKLAHOMA LIMITED PARTNERSHIP
528 WEST IOWA,
CHICKASHA, OK 73018

SURVEYOR:
TAYLOR DENNISTON, PLS NO. 1787
SMITH ROBERTS BALDISCHWILER, LLC
100 N.E. 5TH STREET
OKLAHOMA CITY OK 73104

WEST SIDE OF 12th STREET ADDITION
SHEET 1 OF 2
(SRB #116741)



**ENGINEERING
SURVEYING
PLANNING**

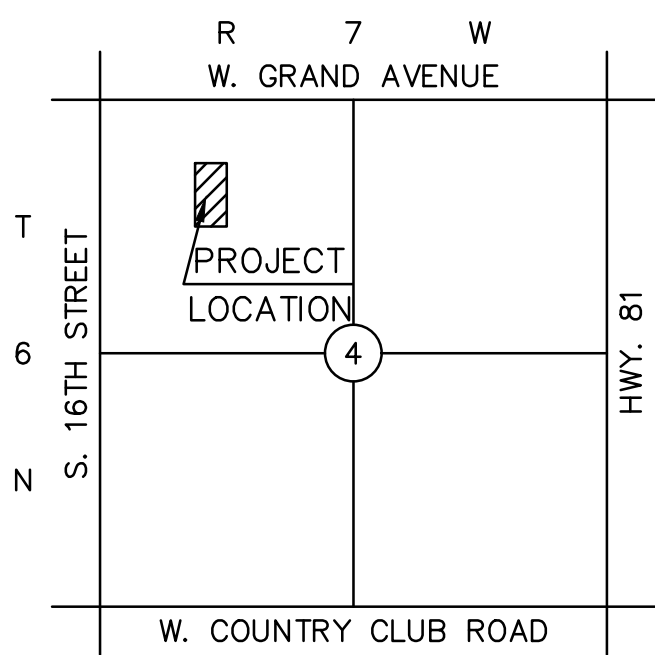
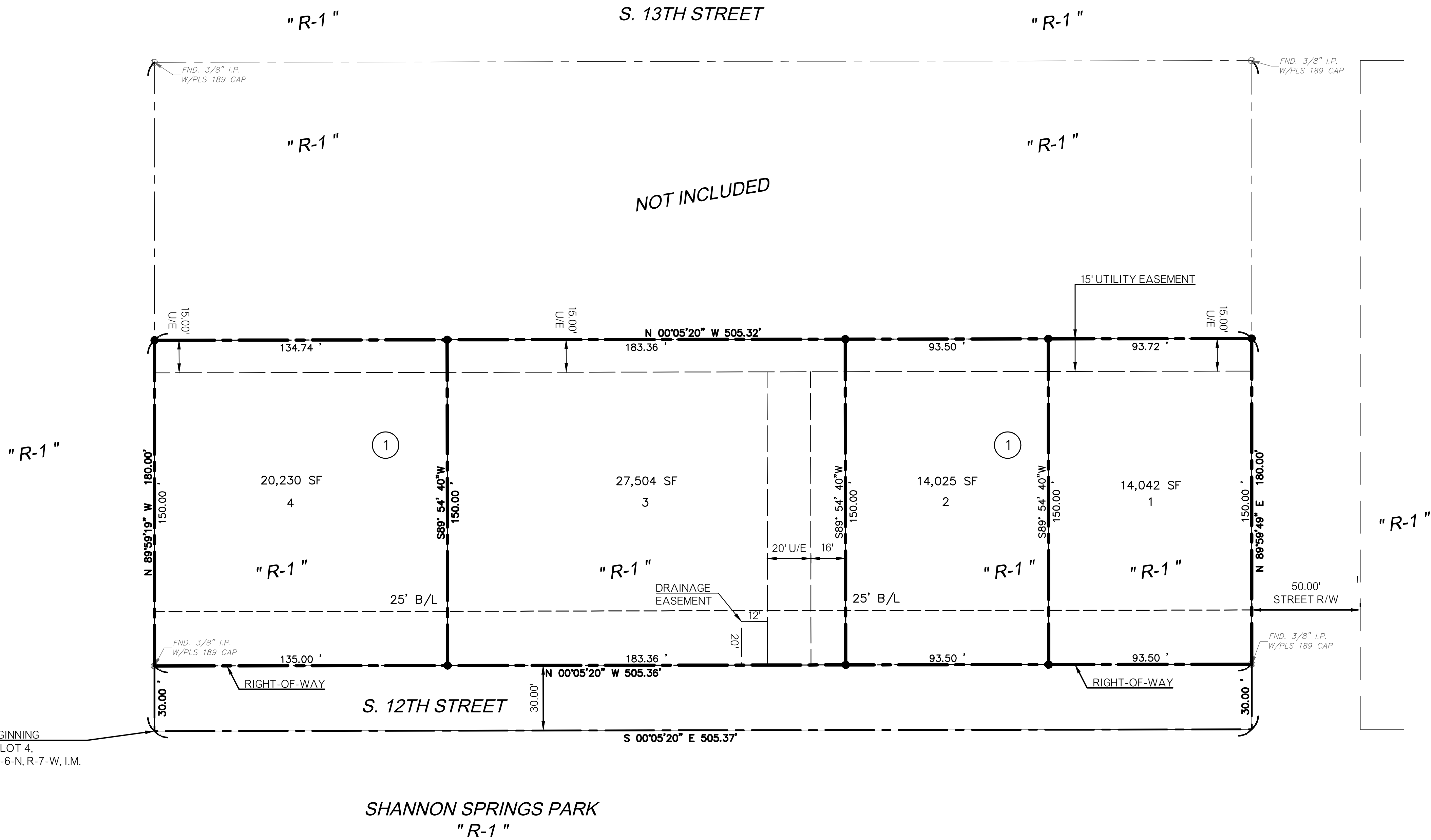
OKLAHOMA CITY
100 N.E. 5th Street
Oklahoma City,
Oklahoma 73104
T: 405.840.7094
F: 405.840.9116
www.srbok.com

NORMAN
2500 McGee Drive,
Suite 100
Norman, OK 73072
T: 405.418.2288
F: 405.418.2289
srb@srbok.com

CERTIFICATE OF AUTHORIZATION NO. 3949 EXPIRES JUNE 30, 2023

FINAL PLAT
WEST SIDE OF 12th STREET ADDITION

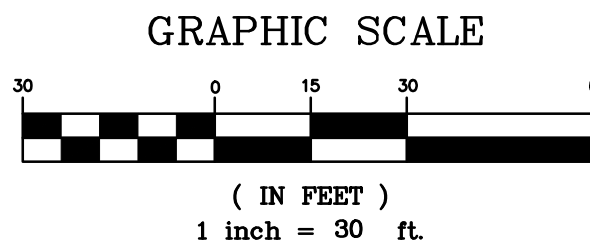
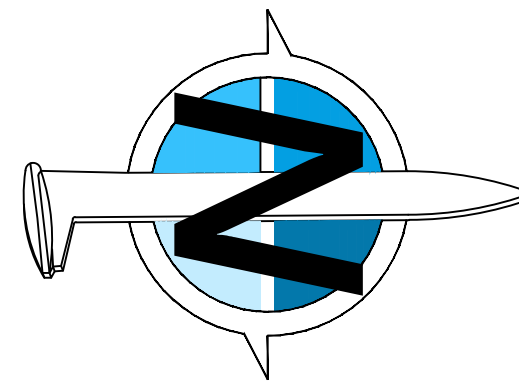
BEING PART OF THE NW/4, SEC. 4, T6N, R7W, I.M.,
AN ADDITION TO CHICKASHA, GRADY COUNTY, OKLAHOMA



LOCATION MAP
NOT TO SCALE

LEGEND	
P.O.C.	POINT OF COMMENCING
P.O.B.	POINT OF BEGINNING
FND.	FOUND
I.P.	IRON PIN
REC.	RECORD
U/E	UTILITY EASEMENT
•	SET 1/2" I.P. W/CA 3949 CAP OR MAG. NAIL WITH 3949 SHINER UNLESS OTHERWISE NOTED

ZONING - R-1 SINGLE FAMILY RESIDENTIAL
GROSS AREA=2.0882
STREET R-O-W=0.3480
NET AREA=1.7402
TOTAL LOTS=4
GROSS DWELLING UNITS PER AC.=0.52
NET DWELLING UNITS PER AC.=0.44
PUBLIC LOCAL STREET=505.36 L.F.



WEST SIDE OF 12th STREET ADDITION
SHEET 2 OF 2
(SRB #116741)

SMITH ROBERTS
BUDISHWILER, LLC

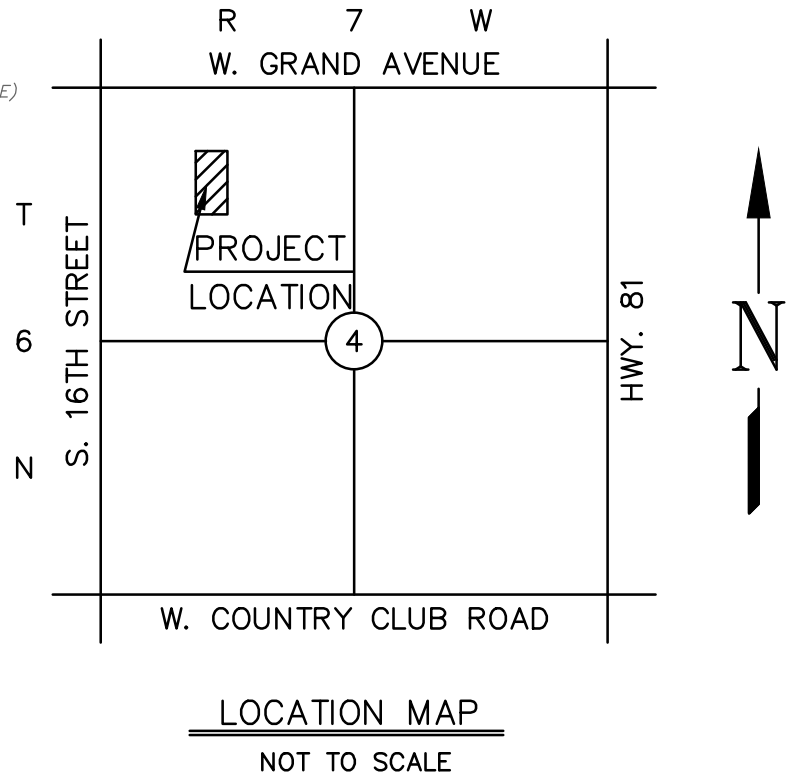
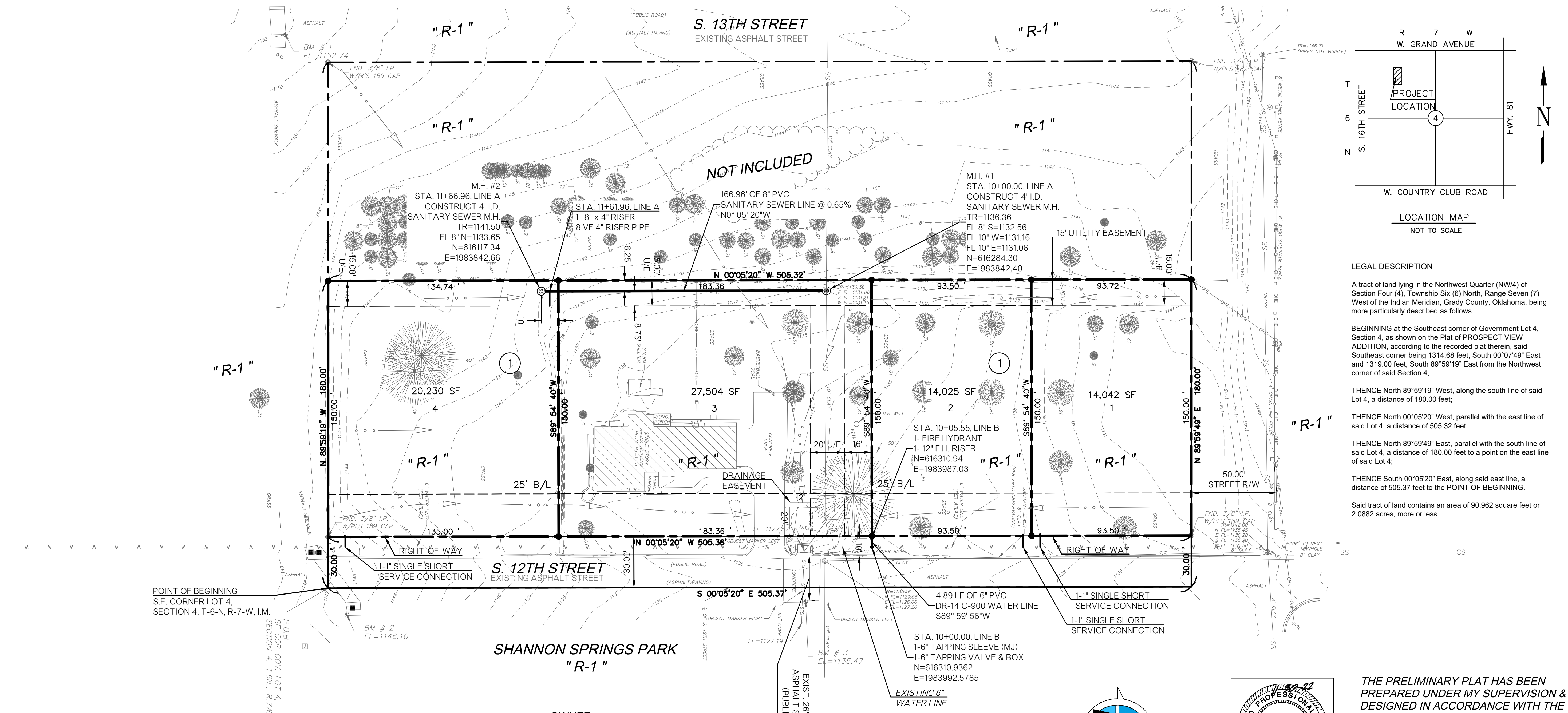
OKLAHOMA CITY
100 N.E. 5th Street
Oklahoma City,
Oklahoma 73104
T: 405.840.7094
F: 405.840.9116
www.srbok.com

NORMAN
2500 McGee Drive,
Suite 100
Norman, OK 73072
T: 405.418.2288
F: 405.418.2289
srb@srbok.com

CERTIFICATE OF AUTHORIZATION NO. 3949 EXPIRES JUNE 30, 2023

PRELIMINARY PLAT
WEST SIDE OF 12th STREET ADDITION

BEING PART OF THE NW/4, SEC. 4, T6N, R7W, I.M.,
AN ADDITION TO CHICKASHA, GRADY COUNTY, OKLAHOMA



LEGAL DESCRIPTION

A tract of land lying in the Northwest Quarter (NW/4) of Section Four (4), Township Six (6) North, Range Seven (7) West of the Indian Meridian, Grady County, Oklahoma, being more particularly described as follows:

BEGINNING at the Southeast corner of Government Lot 4, Section 4, as shown on the Plat of PROSPECT VIEW ADDITION, according to the recorded plat therein, said Southeast corner being 1314.68 feet, South 00°07'49" East and 1319.00 feet, South 89°59'19" East from the Northwest corner of said Section 4;

THENCE North 89°59'19" West, along the south line of said Lot 4, a distance of 180.00 feet;

THENCE North 00°05'20" West, parallel with the east line of said Lot 4, a distance of 505.32 feet;

THENCE North 89°59'49" East, parallel with the south line of said Lot 4, a distance of 180.00 feet to a point on the east line of said Lot 4;

THENCE South 00°05'20" East, along said east line, a distance of 505.37 feet to the POINT OF BEGINNING.

Said tract of land contains an area of 90,962 square feet or 2.0882 acres, more or less.

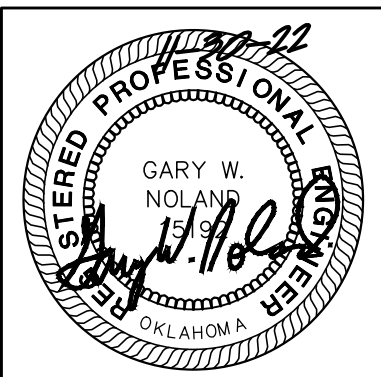
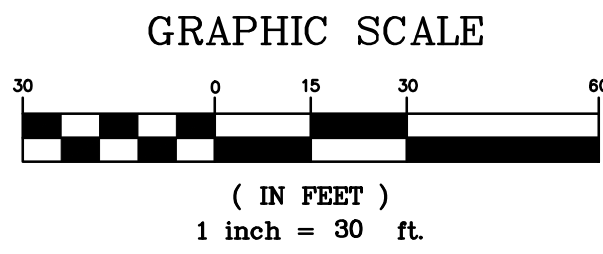
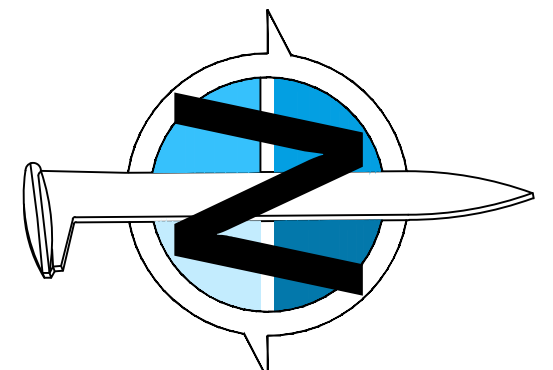
LEGEND	
P.O.C.	POINT OF COMMENCING
P.O.B.	POINT OF BEGINNING
FND.	FOUND
I.P.	IRON PIN
REC.	RECORD
U/E	UTILITY EASEMENT
•	SET 1/2" I.P. W/CA 3949 CAP OR MAG. NAIL WITH 3949 SHINER UNLESS OTHERWISE NOTED

ZONING - R-1 SINGLE FAMILY RESIDENTIAL
GROSS AREA=2.0882
STREET R-O-W=0.3480
NET AREA=1.7402
TOTAL LOTS=4
GROSS DWELLING UNITS PER AC.=0.52
NET DWELLING UNITS PER AC.=0.44
PUBLIC LOCAL STREET=505.36 L.F.

OWNER:
ELLIOTT COUSINS,
OKLAHOMA LIMITED PARTNERSHIP
528 WEST IOWA,
CHICKASHA, OK 73018

ENGINEER:
GARY NOLAND, PE
SRB, LLC
2500 MCGEE DRIVE, SUITE 100
NORMAN, OK 73072

SURVEYOR:
TAYLOR DENNISTON, PLS
SRB, LLC
100 N.E. 5TH STREET
OKLAHOMA CITY, OKLAHOMA 73104



THE PRELIMINARY PLAT HAS BEEN
PREPARED UNDER MY SUPERVISION &
DESIGNED IN ACCORDANCE WITH THE
COMPREHENSIVE PLAN AND IN
ACCORDANCE TO CITY OF CHICKASHA
ORDINANCES AND REGULATIONS.

AUGUST 31, 2022

OKLAHOMA CITY
100 N.E. 5th Street
Oklahoma City,
Oklahoma 73104
T: 405.840.7094
F: 405.840.9116
www.srbok.com

NORMAN
2500 McGee Drive,
Suite 100
Norman, OK 73072
T: 405.418.2288
F: 405.418.2289
srb@srbok.com

CERTIFICATE OF AUTHORIZATION NO. 3949 EXPIRES JUNE 30, 2023