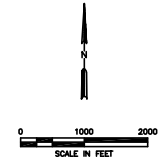
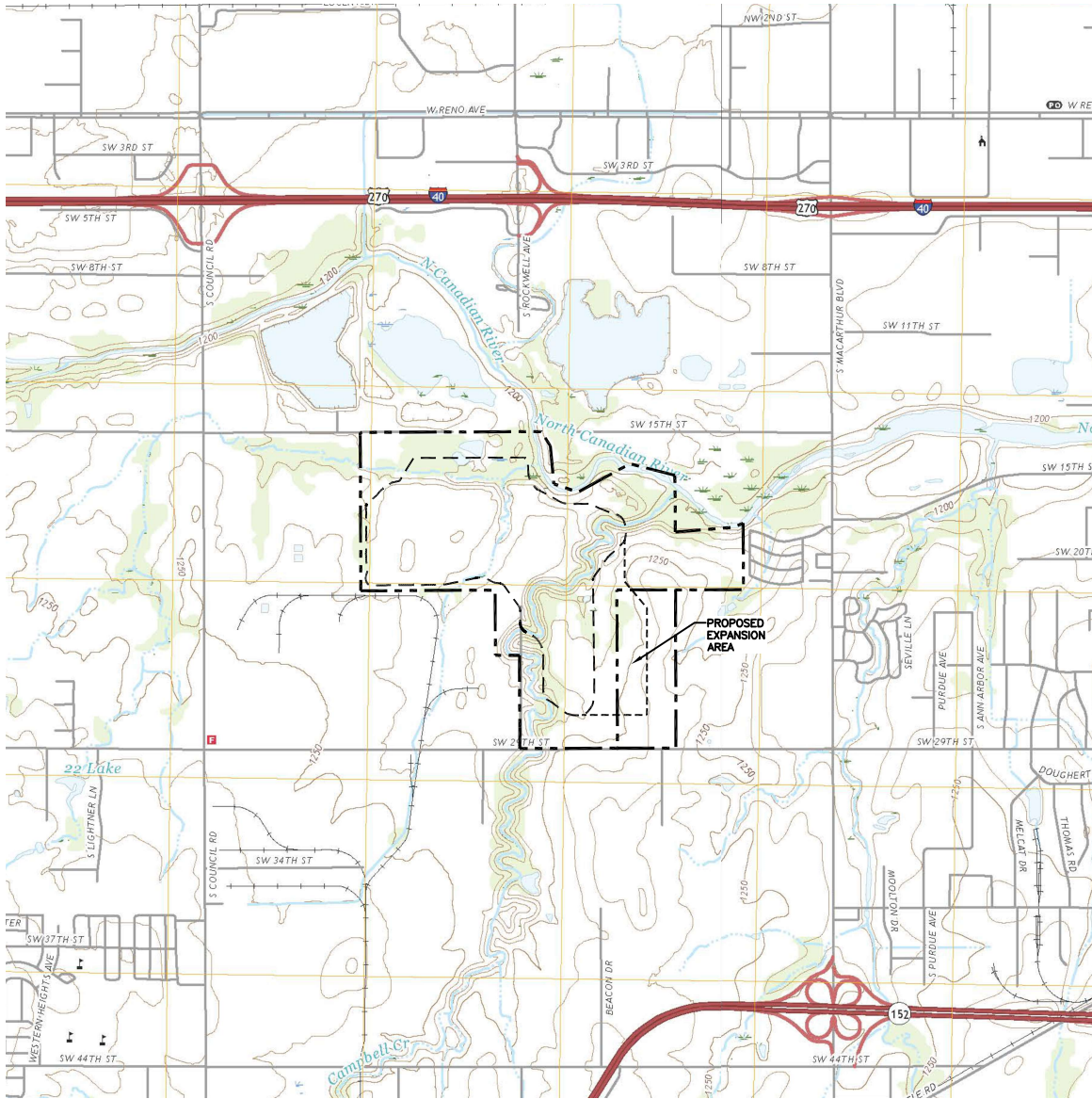
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1. REPRODUCED FROM GENERAL HIGHWAY MAP, OKLAHOMA COUNTY, OKLAHOMA (OKDOT PLANNING DIVISION, APRIL 1999), GENERAL HIGHWAY MAP, CLEVELAND COUNTY, OKLAHOMA (OKDOT PLANNING DIVISION, AUGUST 1991), AND GENERAL HIGHWAY MAP, CANADIAN COUNTY, OKLAHOMA (OKDOT PLANNING DIVISION, APRIL 1999).

<div><input type="checkbox"/> DRAFT</div> <div><input checked="" type="checkbox"/> FOR PERMITTING PURPOSES ONLY</div> <div><input type="checkbox"/> ISSUED FOR CONSTRUCTION</div>		<div>PREPARED FOR</div> <div>OKLAHOMA CITY WASTE DISPOSAL, INC.</div>		<div>SECTION 404 INDIVIDUAL PERMIT</div> <div>GENERAL SITE LOCATION MAP</div>	
<div>DATE: 12/20/21</div> <div>FILE: 0601-07-11</div> <div>CAD: 1-SITE LOC MAP.DWG</div>		<div>DRAWN BY: RAA</div> <div>DESIGN BY: JBP</div> <div>REVIEWED BY: JGD</div>		<div>OKLAHOMA LANDFILL</div> <div>OKLAHOMA COUNTY, OKLAHOMA</div>	
<div><div></div><div>Weaver Consultants Group</div><div>CA 3804 PE - 05/31/2023</div></div>		<div>REVISIONS</div>			
		NO.		DATE DESCRIPTION	
				<div>WWW.WCGRP.COM</div>	
				<div>DRAWING 1</div>	



LEGEND

- PROPOSED PERMIT BOUNDARY
- PROPOSED LIMIT OF WASTE
- EXISTING PERMIT BOUNDARY
- PERMITTED LIMIT OF WASTE

ROAD CLASSIFICATION

- Expressway
- Secondary Hwy
- Ramp
- Interstate Route
- Local Connector
- Local Road
- 4WD
- US Route
- State Route

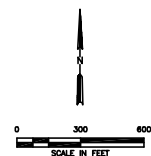
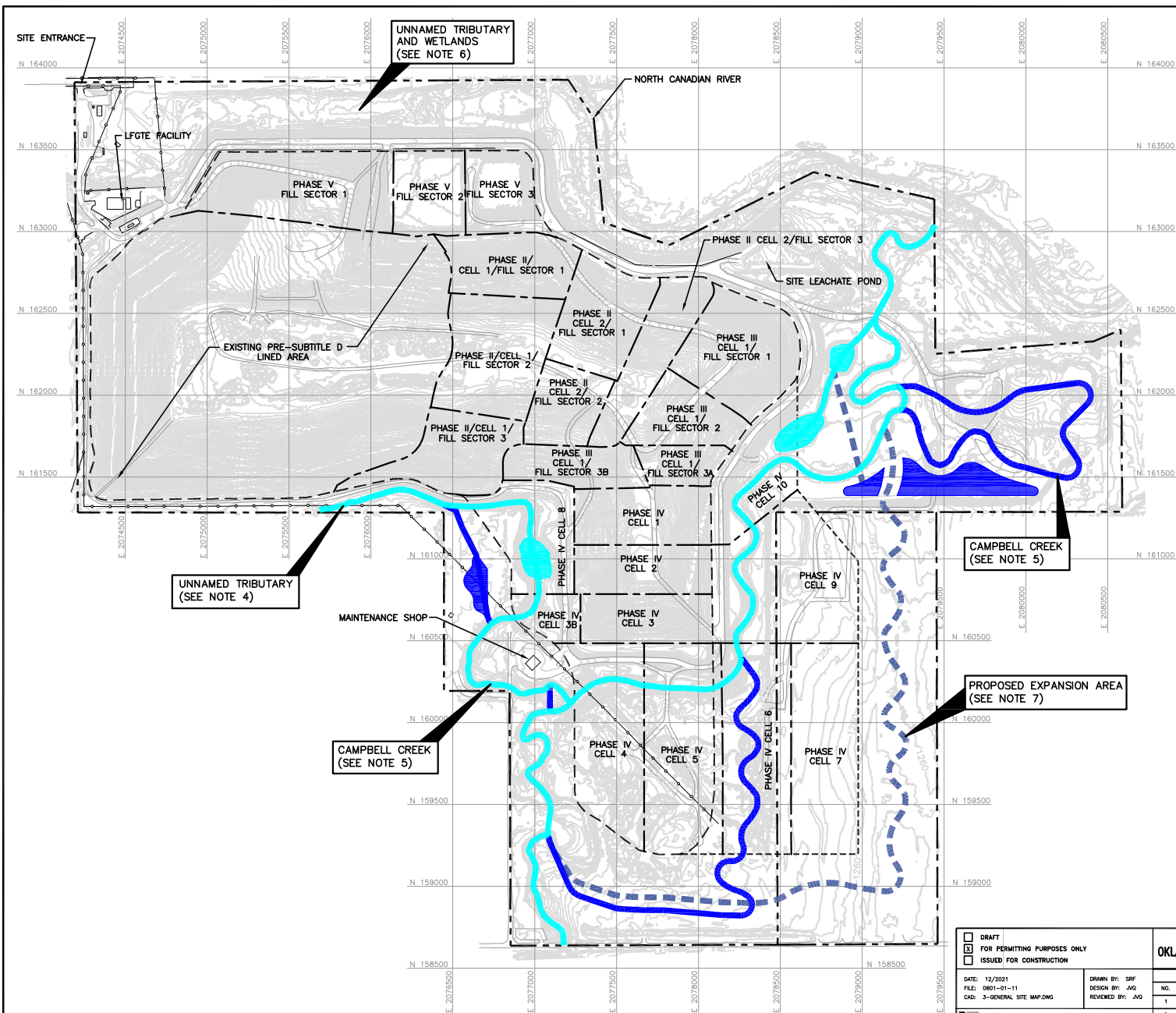
MUSTANG, OK
2018

OKLAHOMA CITY, OK
2018

NOTES:

1. ADAPTED FROM USGS 7.5 MINUTE QUADRANGLE TOPOGRAPHIC MAP (MUSTANG, OK 2018 AND OKLAHOMA CITY, OK 2018).
2. THE MAP AREA SHOWN IS WITHIN SECTIONS 8 AND 9 OF TOWNSHIP II NORTH, RANGE 4 WEST.
3. THE PERMIT BOUNDARY WAS REPRODUCED FROM A LEGAL DESCRIPTION PREPARED BY LEMKE LAND SURVEYING, INC.

<input type="checkbox"/> DRAFT <input checked="" type="checkbox"/> FOR PERMITTING PURPOSES ONLY <input type="checkbox"/> ISSUED FOR CONSTRUCTION		PREPARED FOR OKLAHOMA CITY WASTE DISPOSAL, INC.		SECTION 404 INDIVIDUAL PERMIT TOPOGRAPHIC SITE LOCATION MAP OKLAHOMA LANDFILL OKLAHOMA COUNTY, OKLAHOMA WWW.WCGRP.COM DRAWING 2	
DATE: 12/2021 FILE: 0601-01-11 CAD: 2-SITE LOC MAP.DWG		DRAWN BY: SPF DESIGN BY: JBP REVIEWED BY: JWD			
Weaver Consultants Group CA 3804 PE - 05/31/2023					

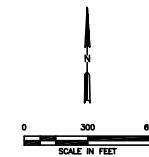
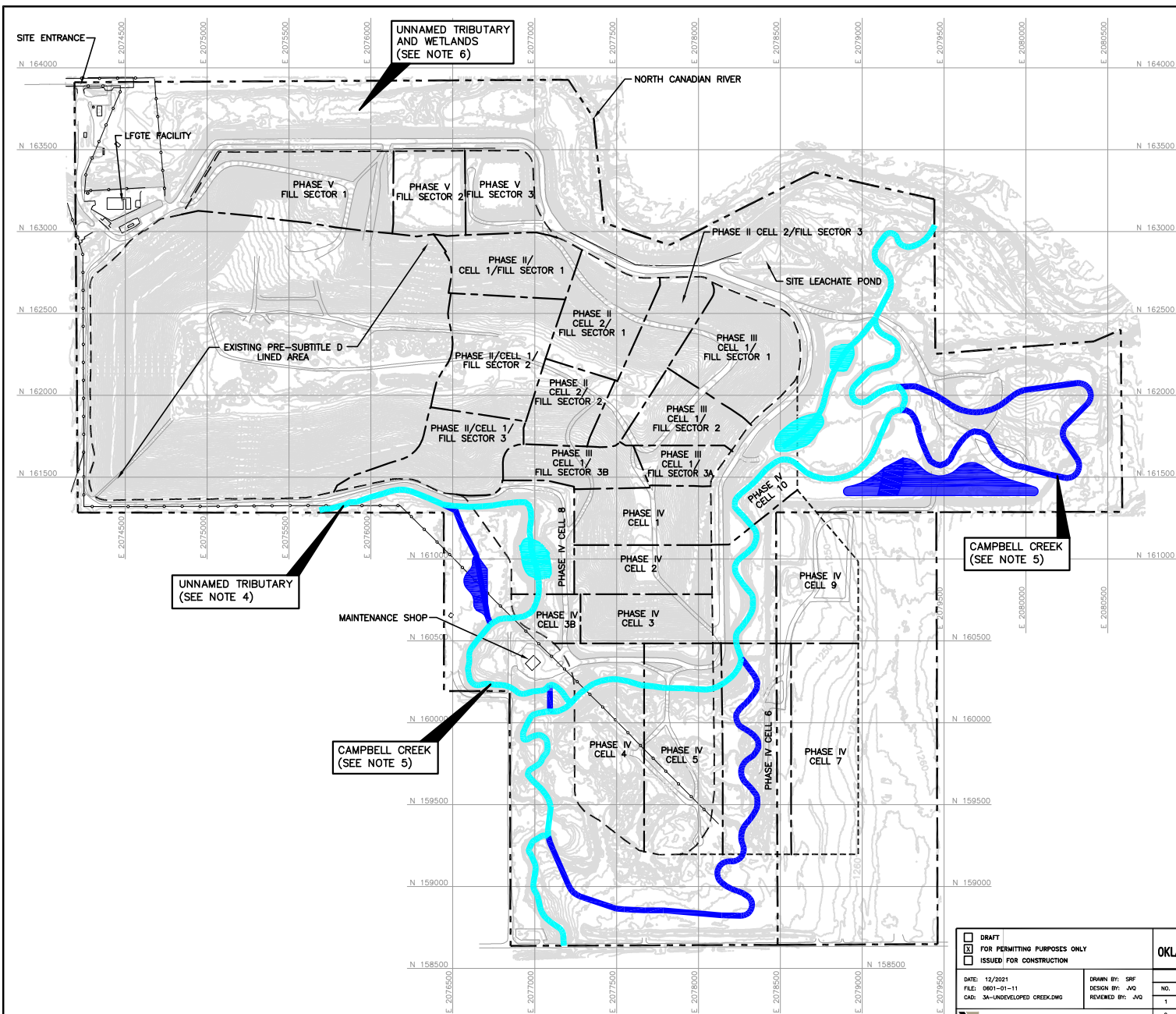


LEGEND	
	EXISTING PERMIT BOUNDARY
	PROPOSED PERMIT BOUNDARY
	PERMITTED LIMIT OF WASTE
	PROPOSED LIMIT OF WASTE
	PHASE/CELL/SECTOR BOUNDARY
	STATE PLANE GRID COORDINATE
	EXISTING CONTOUR
	EXISTING FENCE
	EXISTING POWERLINE
	DEVELOPED PERMITTED CAMPBELL CREEK CONFIGURATION
	UNDEVELOPED PERMITTED CAMPBELL CREEK CONFIGURATION
	PROPOSED CAMPBELL CREEK CONFIGURATION

NOTES:


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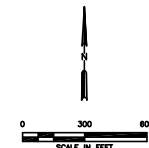
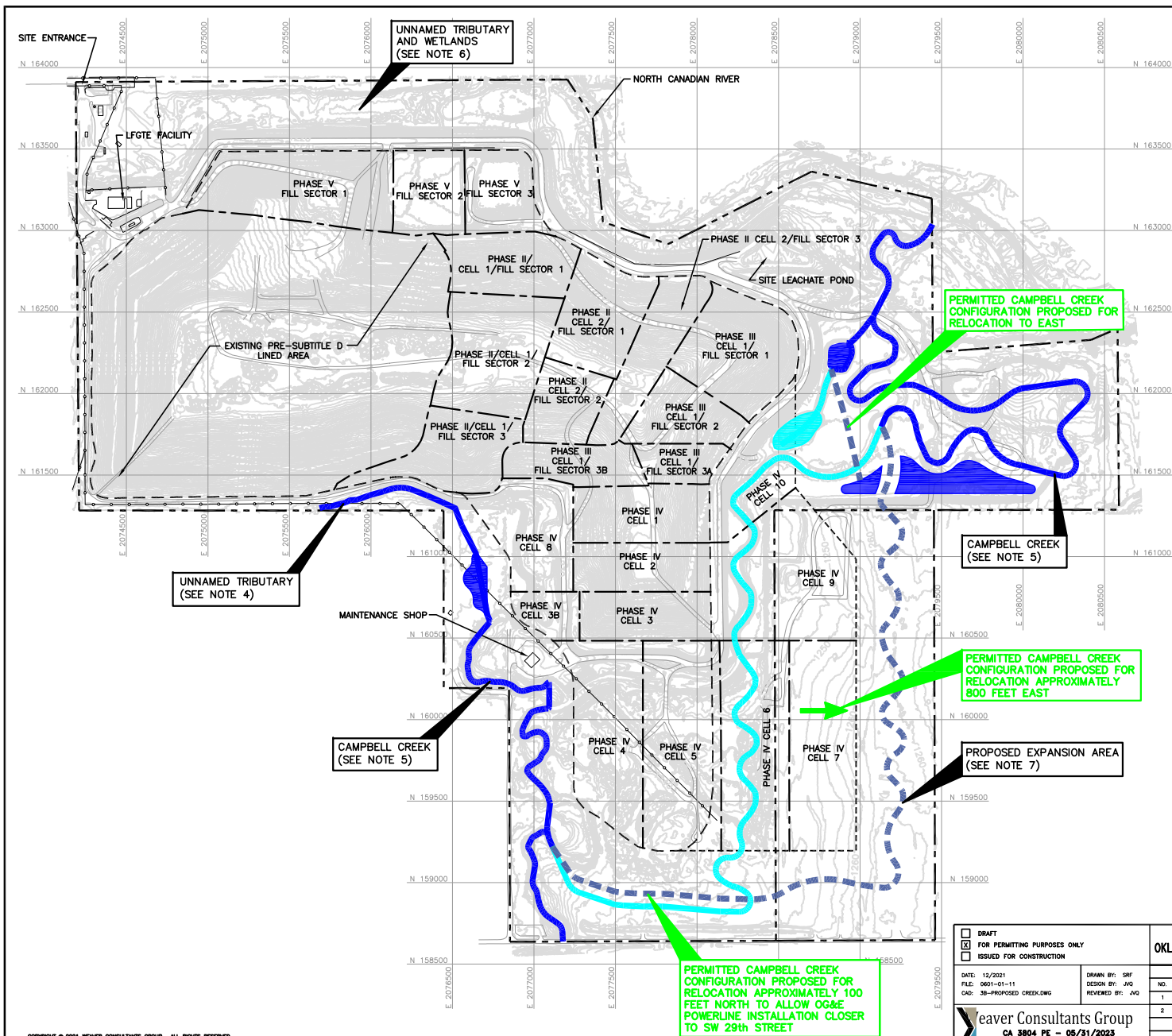
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DATE: 12/2021 FILE: 0601-01-11 CAD: 3-GENERAL SITE MAP.DWG	DRAWN BY: SPF DESIGN BY: JWG REVIEWED BY: JWG	REVISIONS															
	<table border="1"> <thead> <tr> <th>NO.</th><th>DATE</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr> <td>1</td><td>04/2022</td><td>REVISED LINETYPE</td></tr> <tr> <td>2</td><td>05/2022</td><td>ADDED SUMMARY TABLES AND NOTE 8.</td></tr> <tr> <td>3</td><td>06/2022</td><td>REVISED SUMMARY TABLES</td></tr> <tr> <td>4</td><td>06/2022</td><td>REMOVED SUMMARY TABLES, SEE DRAWING 30.</td></tr> </tbody> </table>	NO.	DATE	DESCRIPTION	1	04/2022	REVISED LINETYPE	2	05/2022	ADDED SUMMARY TABLES AND NOTE 8.	3	06/2022	REVISED SUMMARY TABLES	4	06/2022	REMOVED SUMMARY TABLES, SEE DRAWING 30.	
NO.	DATE	DESCRIPTION															
1	04/2022	REVISED LINETYPE															
2	05/2022	ADDED SUMMARY TABLES AND NOTE 8.															
3	06/2022	REVISED SUMMARY TABLES															
4	06/2022	REMOVED SUMMARY TABLES, SEE DRAWING 30.															
Weaver Consultants Group CA 3804 PE - 05/31/2023	OKLAHOMA LANDFILL OKLAHOMA COUNTY, OKLAHOMA WWW.WCGRP.COM	DRAWING 3															



- LEGEND**
- EXISTING PERMIT BOUNDARY
 - - - PROPOSED PERMIT BOUNDARY
 - - - PERMITTED LIMIT OF WASTE
 - - - PROPOSED LIMIT OF WASTE
 - - - PHASE/CELL/SECTOR BOUNDARY
 - STATE PLANE GRID COORDINATE
 - EXISTING CONTOUR
 - EXISTING FENCE
 - EXISTING POWERLINE
 - DEVELOPED PERMITTED CAMPBELL CREEK CONFIGURATION
 - UNDEVELOPED PERMITTED CAMPBELL CREEK CONFIGURATION

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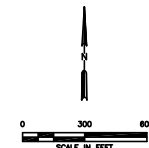
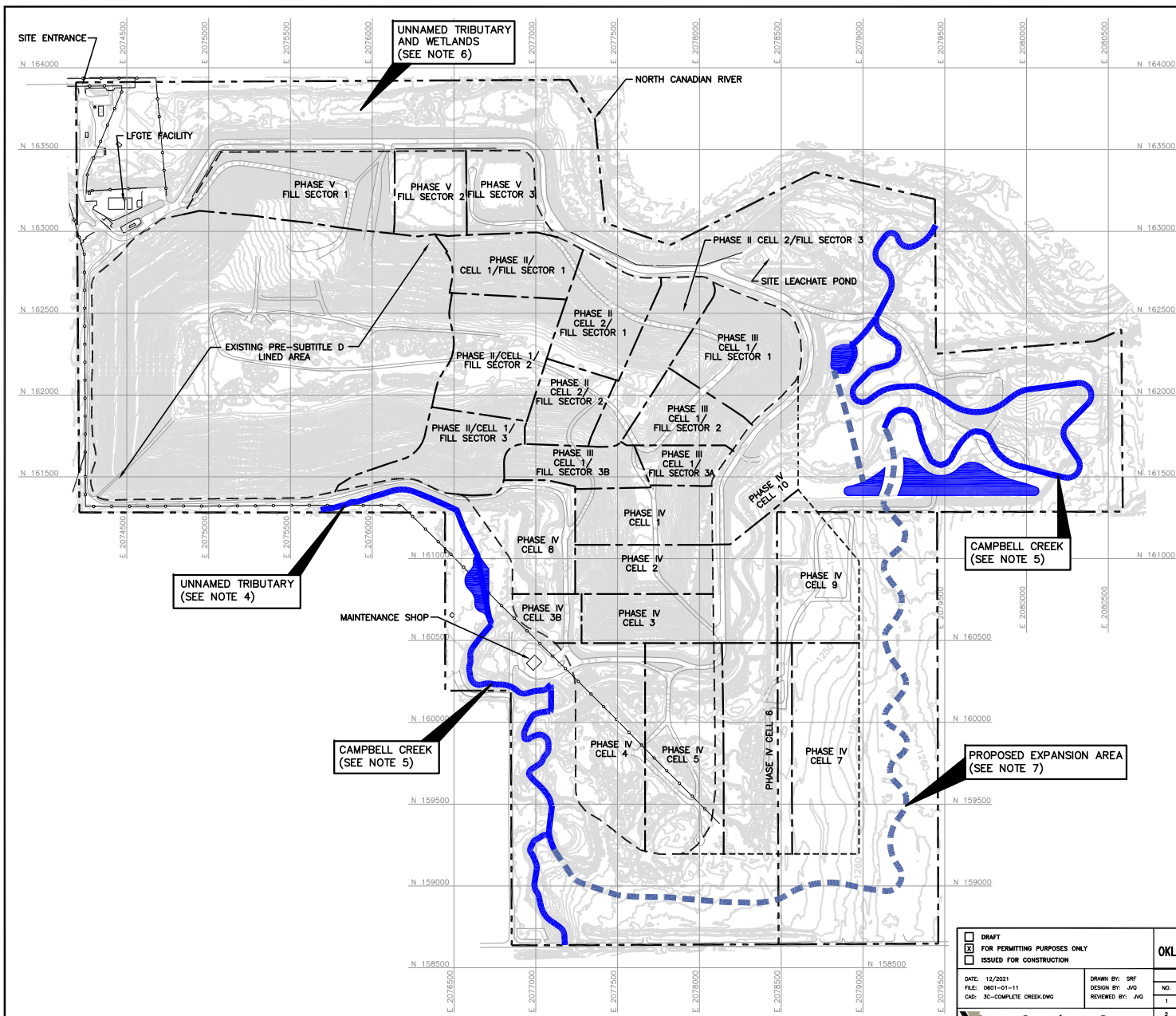
<input type="checkbox"/> DRAFT <input checked="" type="checkbox"/> FOR PERMITTING PURPOSES ONLY <input type="checkbox"/> ISSUED FOR CONSTRUCTION		PREPARED FOR OKLAHOMA CITY WASTE DISPOSAL, INC.		SECTION 404 INDIVIDUAL PERMIT PERMITTED DEVELOPED AND UNDEVELOPED CAMPBELL CREEK CONFIGURATION OKLAHOMA LANDFILL OKLAHOMA COUNTY, OKLAHOMA					
DATE: 12/2021 FILE: 0601-01-11 CAD: 3A-UNDEVELOPED CREEK.DWG		DRAWN BY: SPF DESIGN BY: JWG REVIEWED BY: JWG							
 Weaver Consultants Group CA 3804 PE - 05/31/2023		NO.		REVISIONS					
		DATE		DESCRIPTION					
		1		04/2022		ADDED DRAWING 3A			
		2		06/2022		UPDATED CONSISTENT WITH DRAWING 3.			
						WWW.WCGRP.COM		DRAWING 3A	



- LEGEND**
- EXISTING PERMIT BOUNDARY
 - PROPOSED PERMIT BOUNDARY
 - PERMITTED LIMIT OF WASTE
 - PROPOSED LIMIT OF WASTE
 - PHASE/CELL/SECTOR BOUNDARY
 - STATE PLANE GRID COORDINATE
 - EXISTING CONTOUR
 - EXISTING FENCE
 - EXISTING POWERLINE
 - PERMITTED CAMPBELL CREEK CONFIGURATION
 - PROPOSED CAMPBELL CREEK CONFIGURATION
 - PROPOSED CAMPBELL CREEK CONFIGURATION CONSISTENT WITH PERMITTED CONFIGURATION

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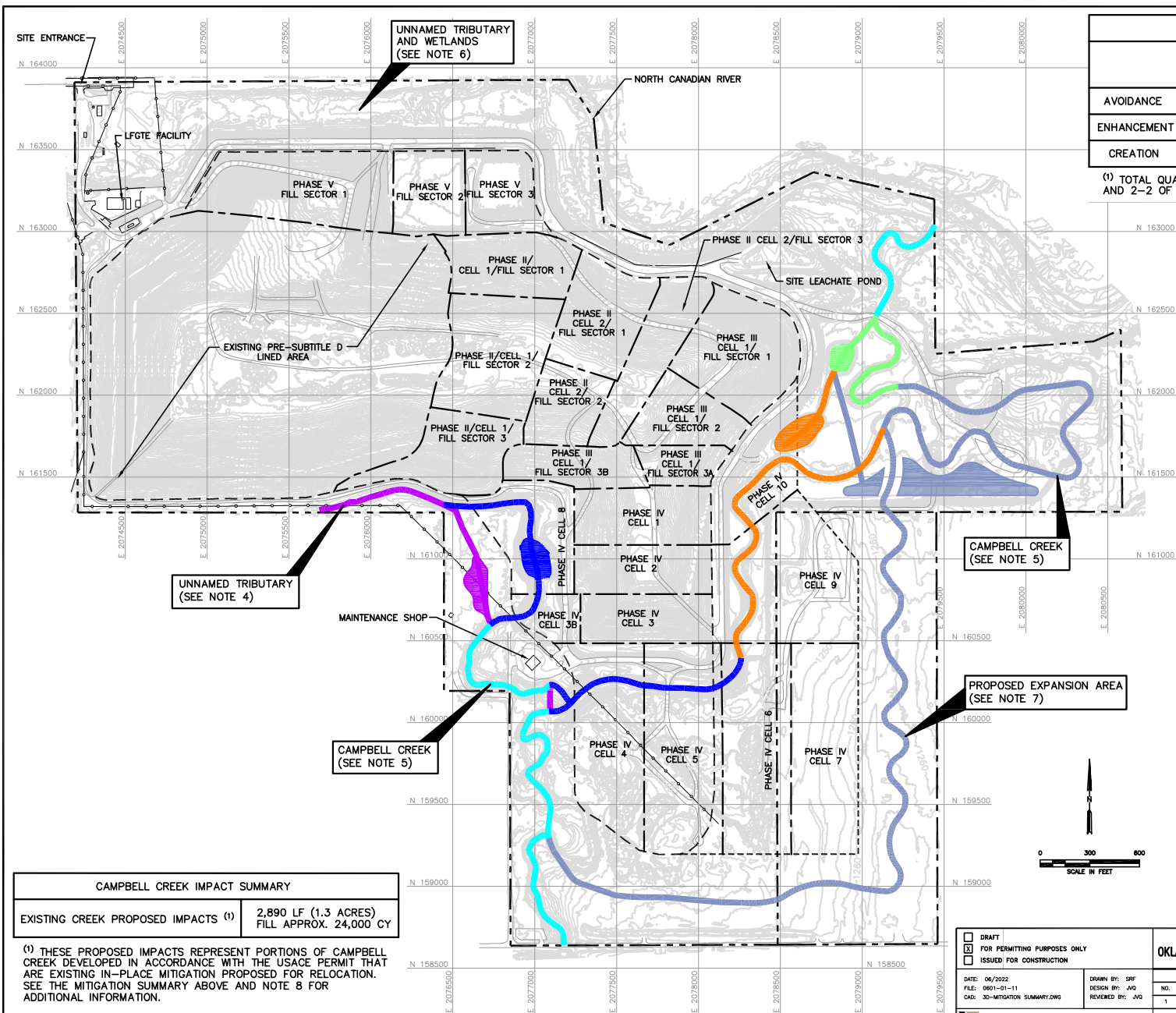
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DATE: 12/2021 FILE: 0601-01-11 CAD: 3B-PROPOSED CREEK.DWG		DRAWN BY: SRF DESIGNED BY: JAO REVIEWED BY: JAO	
12/2021 0601-01-11 3B-PROPOSED CREEK.DWG		NO. DATE DESCRIPTION 1 04/2022 ADDED DRAWING 3B 2 06/2022 UPDATED CONSISTENT WITH DRAWING 3.	
Heaver Consultants Group CA 3804 PE - 05/31/2023		SECTION 404 INDIVIDUAL PERMIT PERMITTED AND PROPOSED DEVELOPMENT COMPARISON OKLAHOMA LANDFILL OKLAHOMA COUNTY, OKLAHOMA WWW.WCGRP.COM DRAWING 3B	



- LEGEND**
- EXISTING PERMIT BOUNDARY
 - PROPOSED PERMIT BOUNDARY
 - PERMITTED LIMIT OF WASTE
 - PROPOSED LIMIT OF WASTE
 - PHASE/CELL/SECTOR BOUNDARY
 - STATE PLANE GRID COORDINATE
 - EXISTING CONTOUR
 - EXISTING FENCE
 - EXISTING POWERLINE
 - PROPOSED CAMPBELL CREEK CONFIGURATION CONSISTENT WITH PERMITTED CONFIGURATION
 - PROPOSED CAMPBELL CREEK CONFIGURATION

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<input type="checkbox"/> DRAFT <input checked="" type="checkbox"/> FOR PERMITTING PURPOSES ONLY <input type="checkbox"/> ISSUED FOR CONSTRUCTION		PREPARED FOR OKLAHOMA CITY WASTE DISPOSAL, INC.		SECTION 404 INDIVIDUAL PERMIT PROPOSED CAMPBELL CREEK CONFIGURATION	
DATE: 12/2021 FILE: 0601-01-11 CAD: 3C-COMplete CREEK.DWG		DRAWN BY: SRP DESIGN BY: JAO REVIEWED BY: JAO		OKLAHOMA LANDFILL OKLAHOMA COUNTY, OKLAHOMA	
12/2021 04/2022 06/2022		REVISIONS NO. DATE DESCRIPTION 1 04/2022 ADDED DRAWING 3C 2 06/2022 UPDATED CONSISTENT WITH DRAWING 3		WWW.WCGRP.COM	
Heaver Consultants Group CA 3804 PE - 05/31/2023				DRAWING 3C	



MITIGATION SUMMARY			
	EXISTING IN-PLACE MITIGATION TO REMAIN	MITIGATION PERMITTED AND PROPOSED FOR DEVELOPMENT	TOTAL MITIGATION ⁽¹⁾
AVOIDANCE	3,380 LF (0.9 ACRES)	-	3,380 LF (0.9 ACRES)
ENHANCEMENT	-	2,160 LF (1.0 ACRES)	2,160 LF (1.0 ACRES)
CREATION	1,770 LF (0.6 ACRES)	9,890 LF (4.5 ACRES)	11,660 LF (5.4 ACRES)

⁽¹⁾ TOTAL QUANTITIES ARE CONSISTENT WITH QUANTITIES INCLUDED ON FIGURE 2-1 AND 2-2 OF THE MITIGATION PLAN.

LEGEND

---	EXISTING PERMIT BOUNDARY
---	PROPOSED PERMIT BOUNDARY
---	PERMITTED LIMIT OF WASTE
---	PROPOSED LIMIT OF WASTE
---	PHASE/CELL/SECTOR BOUNDARY
N 162000	STATE PLANE GRID COORDINATE
1250	EXISTING CONTOUR
---	EXISTING FENCE
---	EXISTING POWERLINE
---	EXISTING IN-PLACE MITIGATION TO REMAIN-AVOIDANCE (3,380 LF)
---	EXISTING IN-PLACE MITIGATION TO REMAIN-CREATION (1,770 LF)
---	MITIGATION PERMITTED AND PROPOSED FOR DEVELOPMENT-ENHANCEMENT (2,160 LF)
---	MITIGATION PERMITTED AND PROPOSED FOR DEVELOPMENT-CREATION (9,890 LF)
---	EXISTING CREEK PROPOSED IMPACTS (2,890 LF)
---	EXISTING PERMITTED PHASED DEVELOPMENT (SEE NOTE 8)

NOTES:

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- THE PROPOSED IMPACTS DOES NOT INCLUDE THE WEST TO EAST JUMPER CHANNEL SOUTH OF PHASE IV CELL 3. THIS PORTION OF THE RELOCATION ACTIVITIES WAS DEVELOPED IN ACCORDANCE WITH THE PERMITTED PHASING APPROACH AND IS NOT INCLUDED AS MITIGATION (AVOIDANCE, ENHANCEMENT, OR CREATION). THE PROPOSED IMPACTS DOES NOT INCLUDE THE AREA OF ENHANCEMENT SHOWN IN PHASE IV CELL 8. THIS ENHANCEMENT AREA WAS APPROVED FOR RELOCATION IN THE MAY 2015 PERMIT MODIFICATION.

DRAFT
FOR PERMITTING PURPOSES ONLY
ISSUED FOR CONSTRUCTION

DATE: 06/2022
FILE: 0601-01-11
CAD: 3D-MITIGATION SUMMARY.DWG

DRAWN BY: SPF
DESIGN BY: JVG
REVIEWED BY: JVG

PREPARED FOR
OKLAHOMA CITY WASTE DISPOSAL, INC.

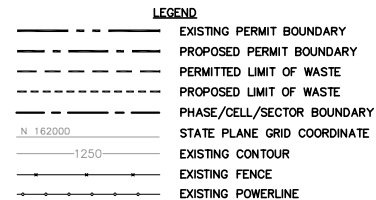
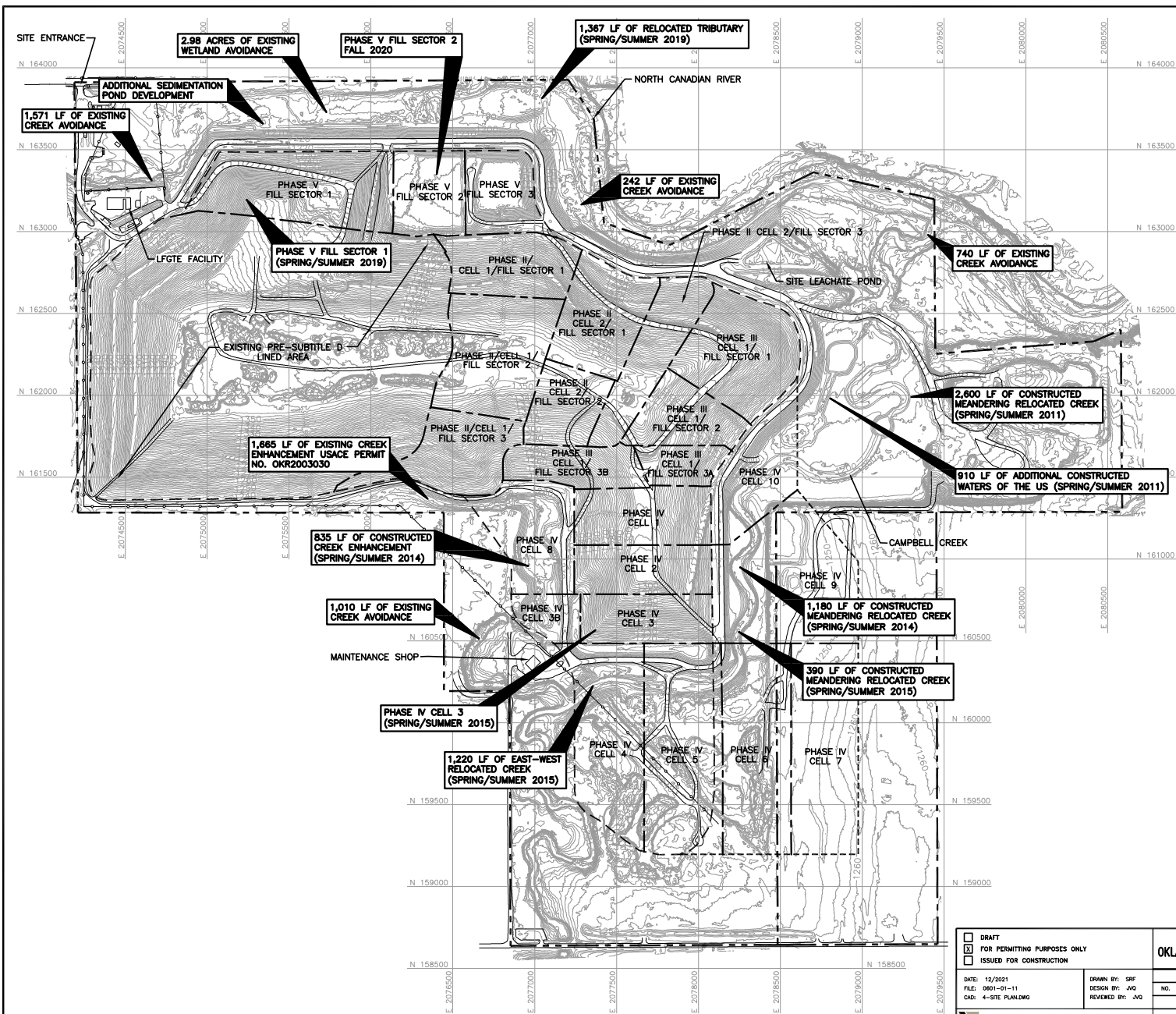
REVISIONS
NO. DATE DESCRIPTION
1 06/2022 ADDED DRAWING 3D.

SECTION 404 INDIVIDUAL PERMIT IMPACT AND MITIGATION SUMMARY

OKLAHOMA LANDFILL
OKLAHOMA COUNTY, OKLAHOMA

WWW.WCGRP.COM

DRAWING 3D



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☐ DRAFT
☒ FOR PERMITTING PURPOSES ONLY
☐ ISSUED FOR CONSTRUCTION

DATE: 12/20/2021
 FILE: 0601-01-11
 CAD: 4-SITE PLAN/LWD

DRAWN BY: SRP
 DESIGN BY: JWG
 REVIEWED BY: JWG

PREPARED FOR
OKLAHOMA CITY WASTE DISPOSAL, INC.

REVISIONS

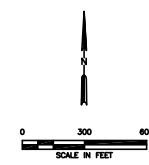
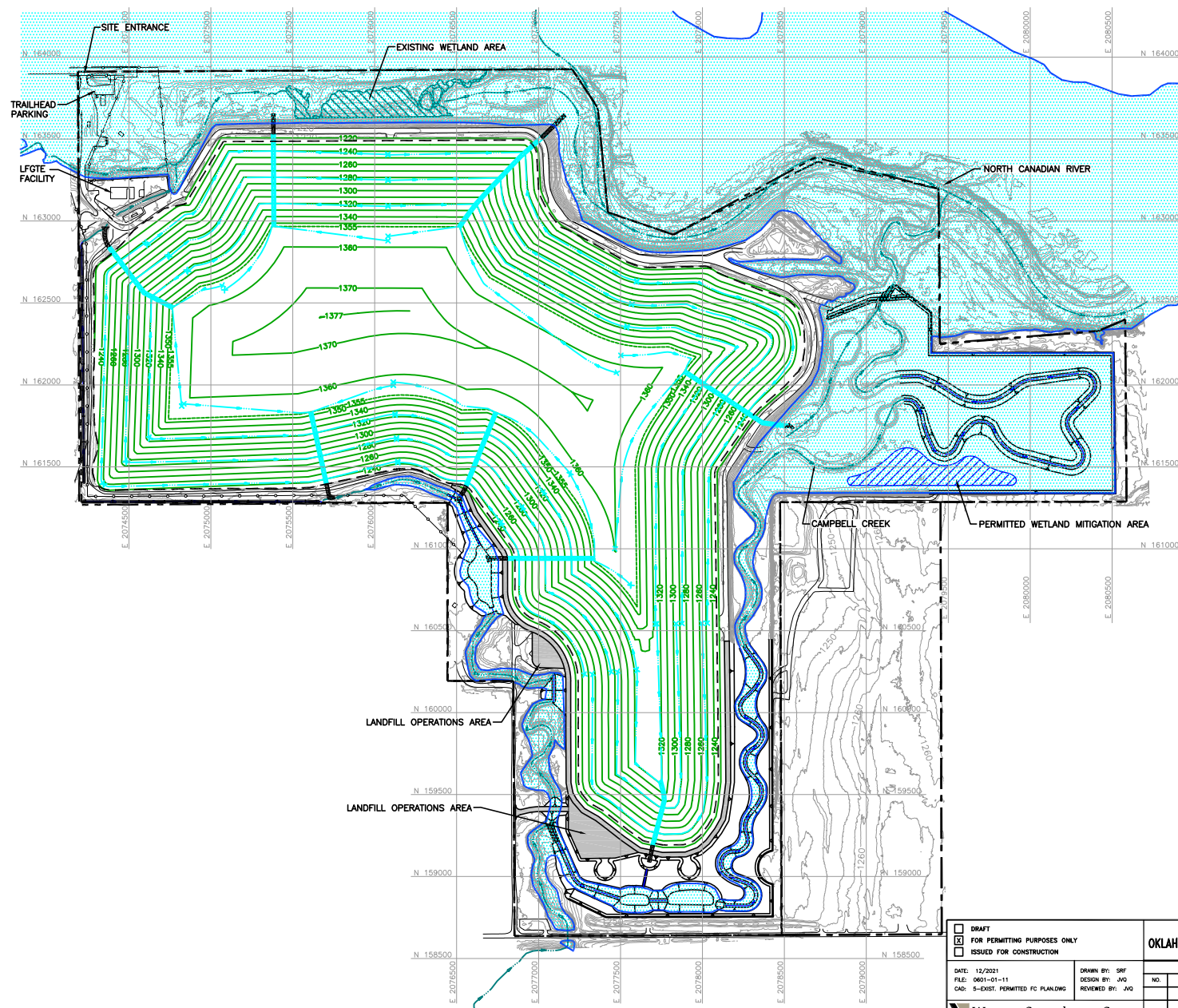
NO.	DATE	DESCRIPTION

SECTION 404 INDIVIDUAL PERMIT SITE PLAN EXISTING DEVELOPMENT SEQUENCE

OKLAHOMA LANDFILL
 OKLAHOMA COUNTY, OKLAHOMA

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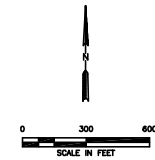
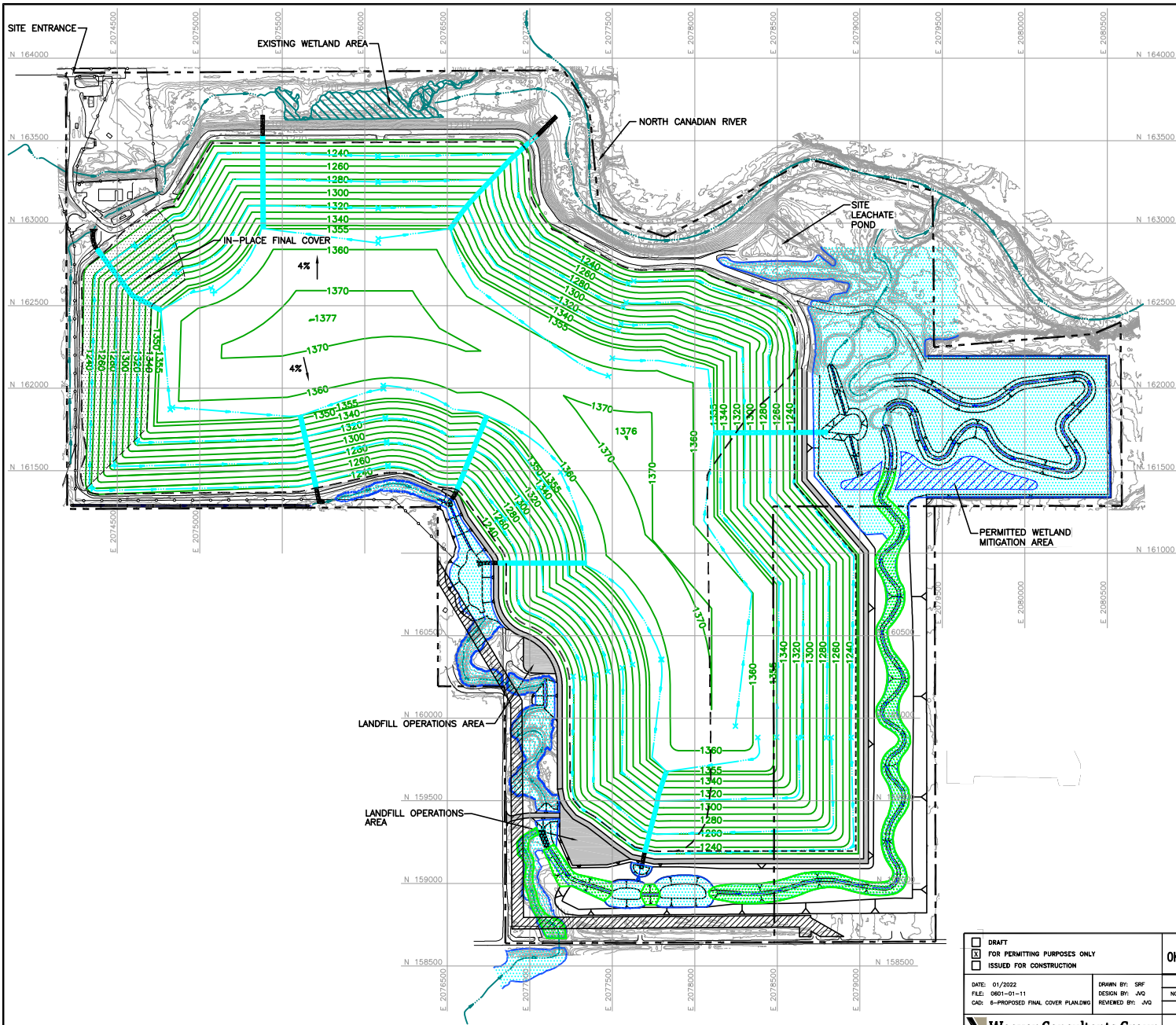
DRAWING 4



- LEGEND**
- EXISTING PERMIT BOUNDARY
 - PROPOSED PERMIT BOUNDARY
 - PERMITTED LIMITS OF WASTE
 - STATE PLANE GRID COORDINATE
 - EXISTING CONTOUR
 - EXISTING FENCE
 - EXISTING POWERLINE
 - PERMITTED FINAL COVER CONTOUR
 - PERMITTED DRAINAGE SWALE
 - PERMITTED DRAINAGE CHUTE
 - EXISTING DRAINAGE CHANNEL
 - PERMITTED DRAINAGE CHANNEL
 - 100-YEAR FLOODPLAIN (SEE NOTE 3)

- NOTES:**
- EXISTING CONTOURS AND ELEVATIONS PROVIDED BY FIRMATEK COMPILED FROM AERIAL PHOTOGRAPHY FLOWN 03-13-2021.
 - PERMIT BOUNDARY WAS REPRODUCED FROM LEGAL DESCRIPTION PREPARED BY LEMKE LAND SURVEYING, INC.
 - CAMPBELL CREEK AND NORTH CANADIAN RIVER 100-YEAR FLOODPLAINS REPRODUCED FROM THE POST-PROJECT CONDITION ANALYSIS INCLUDED IN THE SITE CLOMR.
 - PERMITTED FINAL COVER CONTOURS WERE REPRODUCED FROM THE TIER I PERMIT MODIFICATION PREPARED BY WEAVER CONSULTANTS GROUP, LLC. IN JANUARY 2020.

<input type="checkbox"/> DRAFT <input checked="" type="checkbox"/> FOR PERMITTING PURPOSES ONLY <input type="checkbox"/> ISSUED FOR CONSTRUCTION		PREPARED FOR OKLAHOMA CITY WASTE DISPOSAL, INC.		SECTION 404 INDIVIDUAL PERMIT EXISTING PERMITTED COMPLETION PLAN	
DATE: 12/2021 FILE: 0601-01-11 CAC: S-EXIST; PERMITTED FC PLANDWG		DRAWN BY: SRF DESIGN BY: JAO REVIEWED BY: JAO		OKLAHOMA LANDFILL OKLAHOMA COUNTY, OKLAHOMA	
		NO. DATE DESCRIPTION		WWW.WCGRP.COM	
				DRAWING 5	



LEGEND	
	EXISTING PERMIT BOUNDARY
	PROPOSED PERMIT BOUNDARY
	PERMITTED LIMITS OF WASTE
	PROPOSED LIMITS OF WASTE
	STATE PLANE GRID COORDINATE
	EXISTING CONTOUR
	IN-PLACE FINAL COVER
	PROPOSED FINAL COVER CONTOUR
	PROPOSED DRAINAGE SWALE
	PROPOSED DRAINAGE CHUTE
	EXISTING DRAINAGE CHANNEL
	PROPOSED DRAINAGE CHANNEL
	RIPRAP/GABIONS
	100-YEAR FLOODPLAIN (SEE NOTE 3)
	PROPOSED 70' O.G.&E. EASEMENT
	TURF REINFORCEMENT MAT

NOTES:

- EXISTING CONTOURS AND ELEVATIONS PROVIDED BY FIRMATEK COMPILED FROM AERIAL PHOTOGRAPHY FLOWN 03-13-2021.
- PERMIT BOUNDARY WAS REPRODUCED FROM LEGAL DESCRIPTION PREPARED BY LEMKE LAND SURVEYING, INC.
- 100-YEAR FLOODPLAIN REPRODUCED FROM THE POST-PROJECT CONDITION ANALYSIS INCLUDED IN THE SITE CLOMR.

☐ DRAFT
☒ FOR PERMITTING PURPOSES ONLY
☐ ISSUED FOR CONSTRUCTION

DATE: 01/2022
 FILE: 0601-01-11
 CAD: S-PROPOSED FINAL COVER PLAN.DWG

DRAWN BY: SPF
 DESIGN BY: JWG
 REVIEWED BY: JWG

PREPARED FOR
 OKLAHOMA CITY WASTE DISPOSAL, INC.

REVISIONS

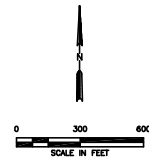
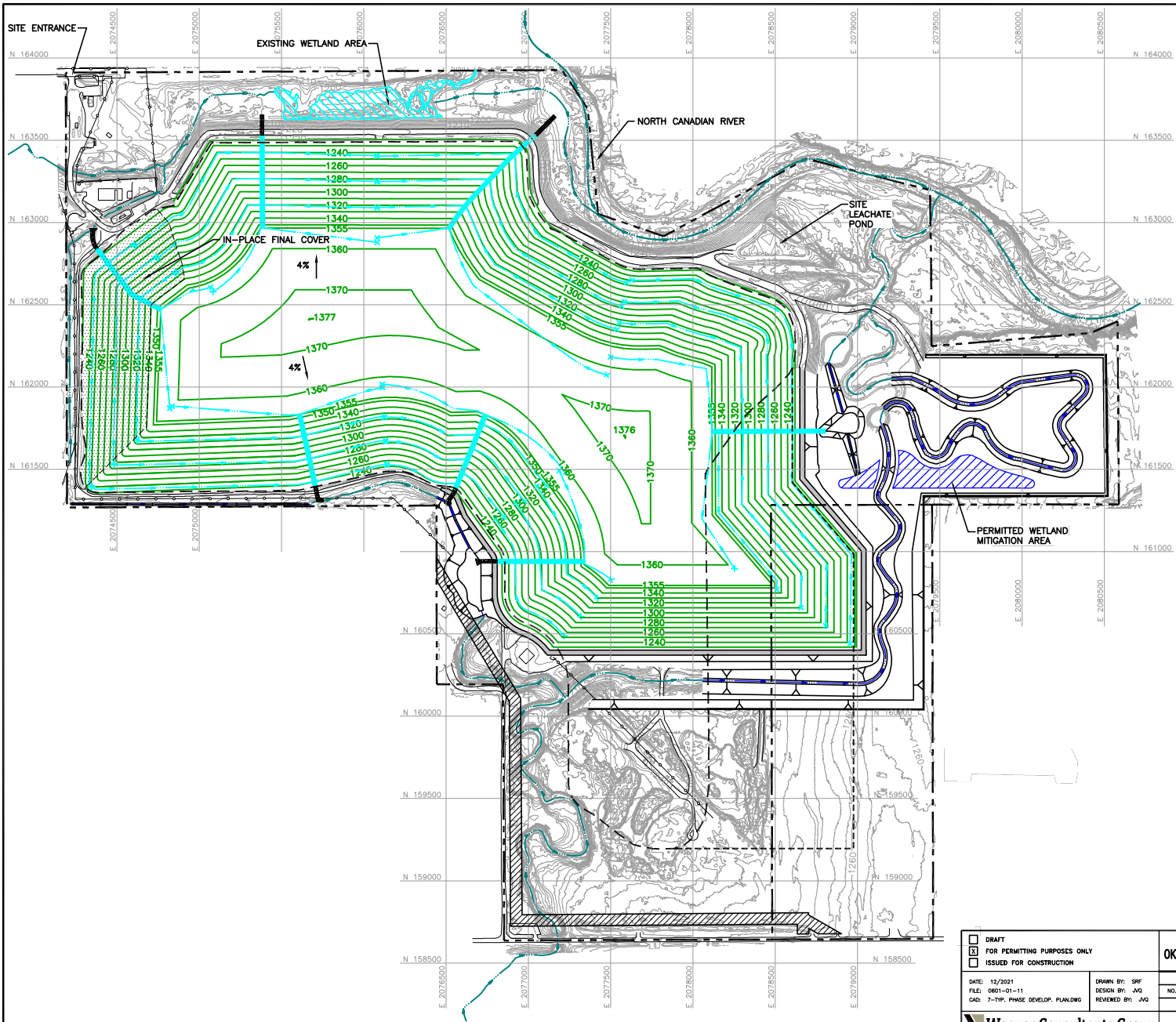
NO.	DATE	DESCRIPTION

SECTION 404 INDIVIDUAL PERMIT PROPOSED COMPLETION PLAN

OKLAHOMA LANDFILL
 OKLAHOMA COUNTY, OKLAHOMA

WWW.WCGRP.COM


DRAWING 6



- LEGEND**
- EXISTING PERMIT BOUNDARY
 - - - PROPOSED PERMIT BOUNDARY
 - - - PERMITTED LIMITS OF WASTE
 - - - PROPOSED LIMITS OF WASTE
 - N 162000 STATE PLANE GRID COORDINATE
 - 1250 EXISTING CONTOUR
 - [Pattern] IN-PLACE FINAL COVER
 - 1370 PROPOSED FINAL COVER CONTOUR
 - PROPOSED DRAINAGE SWALE
 - PROPOSED DRAINAGE CHUTE
 - EXISTING DRAINAGE CHANNEL
 - PROPOSED DRAINAGE CHANNEL
 - [Pattern] RIPRAP/GABIONS
 - [Pattern] PROPOSED 70' O.G.&E. EASEMENT

- NOTES:**
- EXISTING CONTOURS AND ELEVATIONS PROVIDED BY FIRMATEK COMPILED FROM AERIAL PHOTOGRAPHY FLOWN 03-13-2021.
 - PERMIT BOUNDARY WAS REPRODUCED FROM LEGAL DESCRIPTION PREPARED BY LEMKE LAND SURVEYING, INC.

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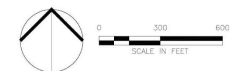
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DATE: 12/2021 FILE: 0601-01-11 CAD: 7-TYP. PHASE DEVELOP. PLAN.DWG		DRAWN BY: SPF DESIGN BY: JWG REVIEWED BY: JWG		OKLAHOMA LANDFILL OKLAHOMA COUNTY, OKLAHOMA	
 Weaver Consultants Group CA 3804 PE - 05/31/2023		NO.		REVISIONS	
		DATE		DESCRIPTION	
				WWW.WCGRP.COM	
				DRAWING 7	

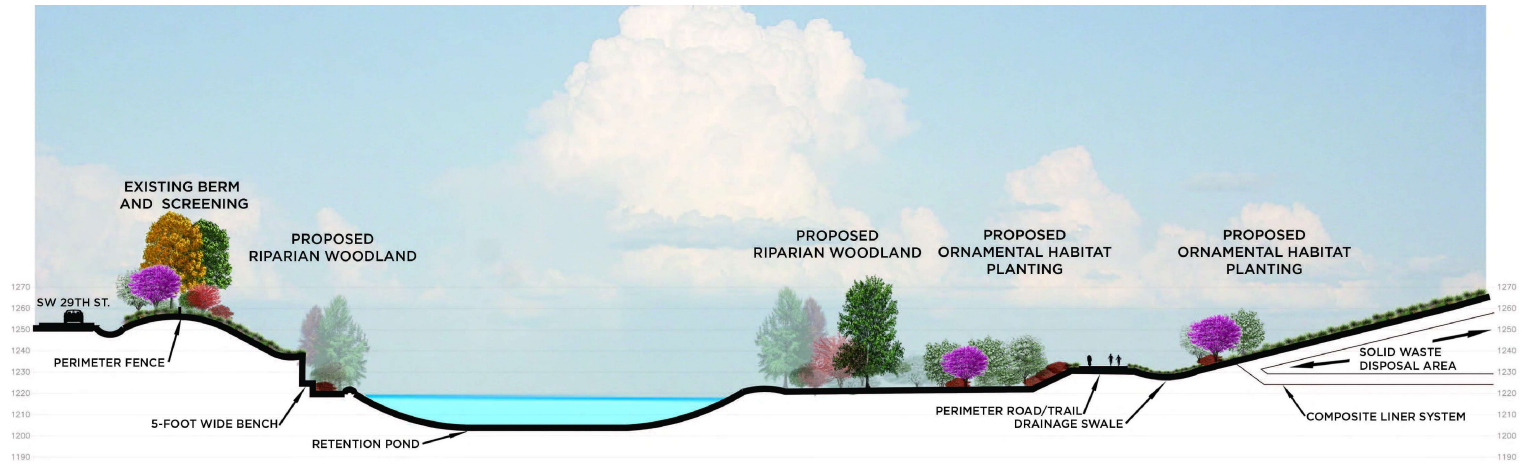


ORNAMENTAL HABITAT AND BUFFER PLANTINGS
 Medium to small groupings of trees and shrubs chosen for color, habitat and for planting in utility easement.
 Typical Trees and Large Shrubs: Redbud-Cercis canadensis; Downy Hawthorn-Crataegus mollis; Possumhaw-Ilex decidua; Chickasaw Plum - Prunus angustifolia

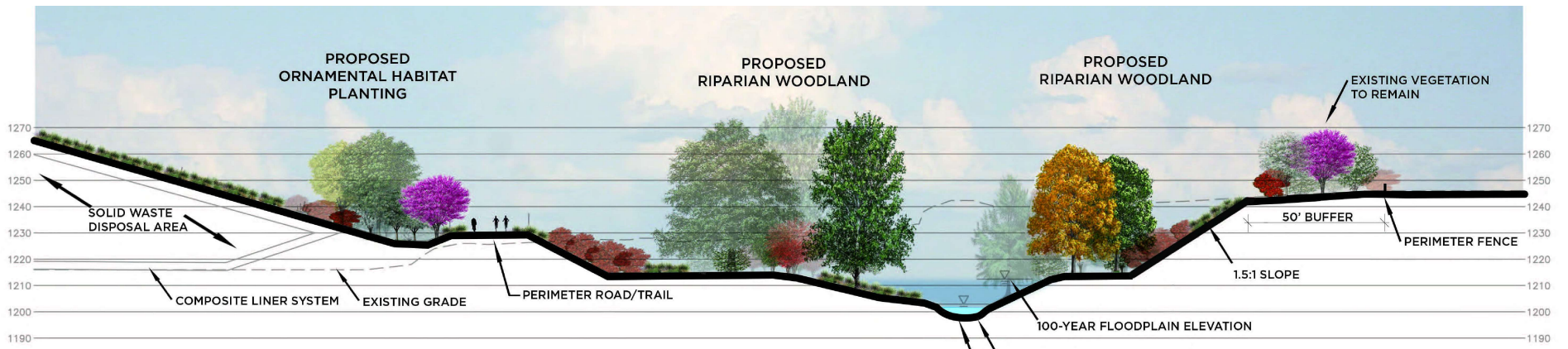
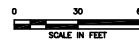
WOODLAND MIX
 Woodland trees and colonizing shrubs.
 Typical Trees: Hackberry-Celtis occidentalis; Persimmon-Diospyros virginiana; Kentucky Coffee Tree-Gymnocladus dioica; Little Seeded Walnut-Jugans microcarpa; Osage-Ornithoglossum virginicum; Burr Oak-Quercus macrocarpa; Chiquapi Oak-Quercus muhlenbergii; Shumard Oak-Quercus shumardii; Western Soapberry-Sapindus drummondii; American Elm-Ulmus americana.
 Typical Shrubs: Fragrant Sumac-Rhus aromatica; Smooth Sumac-Rhus glabra; Rusty Blackhaw-Viburnum rufidulum

RIPARIAN WOODLAND
 Native selection of trees and shrubs that are adapted to riparian conditions, and will help in stream bank and floodplain stabilization.
 Typical Trees: Pecan-Carya spp.; Sycamore-Platanus occidentalis; Cottonwood-Populus spp.; Bald Cypress-Taxodium distichum.
 Typical Shrubs: Beautyberry-Calliandra americana; Button Bush-Cephalanthus occidentalis; Roughleaf Dogwood-Cornus drummondii; Coyote Willow-Salix exigua; Coralberry-Symphoricarpos orbiculatus

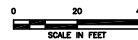




CAMPBELL CREEK SECTION A




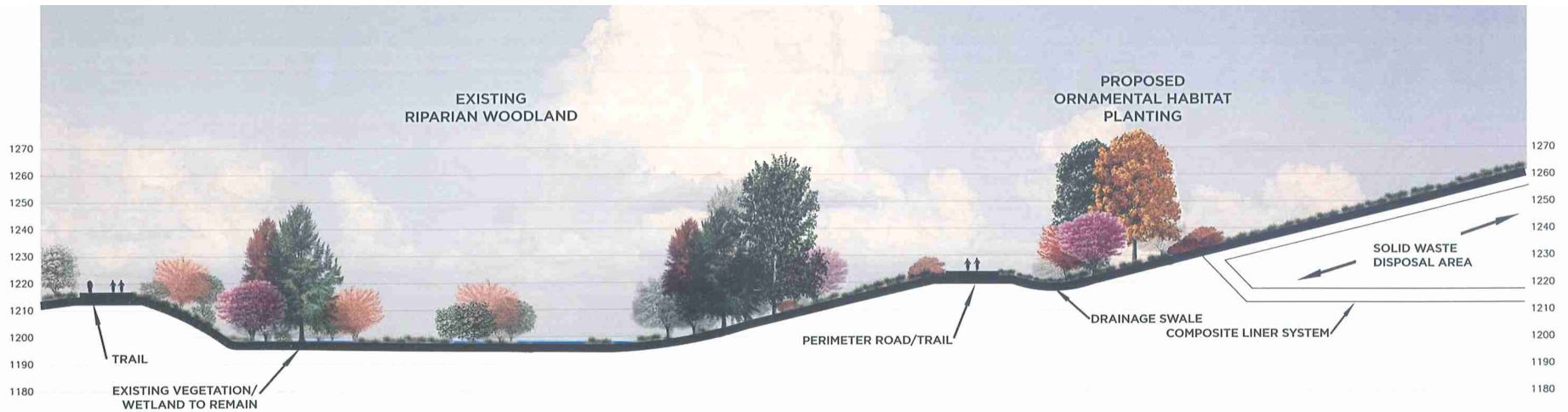
CAMPBELL CREEK SECTION D



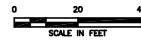
NOTE:

1. PERMITTED AND PROPOSED SITE IMPROVEMENT PLANS REPRODUCED FROM THE END USE PLAN DEVELOPED BY GUERNSEY AS PART OF THE PUD-1542 AND PUD-1759 PROCESS.

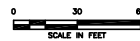
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DATE: 12/2021 FILE: 0601-01-11 CAD: 9-CAMPBELL CREEK SECTIONS.DWG		DRAWN BY: SPF DESIGN BY: JBP REVIEWED BY: JAO				
<div> Weaver Consultants Group CA 3804 PE - 05/31/2023</div>		REVISIONS		OKLAHOMA LANDFILL OKLAHOMA COUNTY, OKLAHOMA		
		NO.	DATE			DESCRIPTION
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CAMPBELL CREEK SECTION B



CAMPBELL CREEK SECTION C



NOTE:

1. PERMITTED AND PROPOSED SITE IMPROVEMENT PLANS REPRODUCED FROM THE END USE PLAN DEVELOPED BY GUERNSEY AS PART OF THE PUD-1542 AND PUD-1759 PROCESS.

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DATE: 12/2021 FILE: 0601-01-11 CAD: 10-CAMPBELL CREEK SECTIONS.DWG		DRAWN BY: SRP DESIGN BY: JBP REVIEWED BY: JWD		OKLAHOMA LANDFILL OKLAHOMA COUNTY, OKLAHOMA													
Weaver Consultants Group CA 3804 PE - 05/31/2023		REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		NO.	DATE	DESCRIPTION										WWW.WCGRP.COM DRAWING 10	
NO.	DATE	DESCRIPTION															

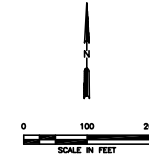


TREES/SHRUBS WILL BE CONCENTRATED
ON OUTSIDE MEANDER OF STREAM

SHRUBS PLANTED IN
HEAVILY MULCHED
GROUPS

TREE AND SHRUB PLANTING WILL BE
CONCENTRATED ALONG STREAM IN RIPARIAN CORRIDOR

TREES WILL BE PLANTED AT A MINIMUM
SPACING OF 15 FEET ON CENTER

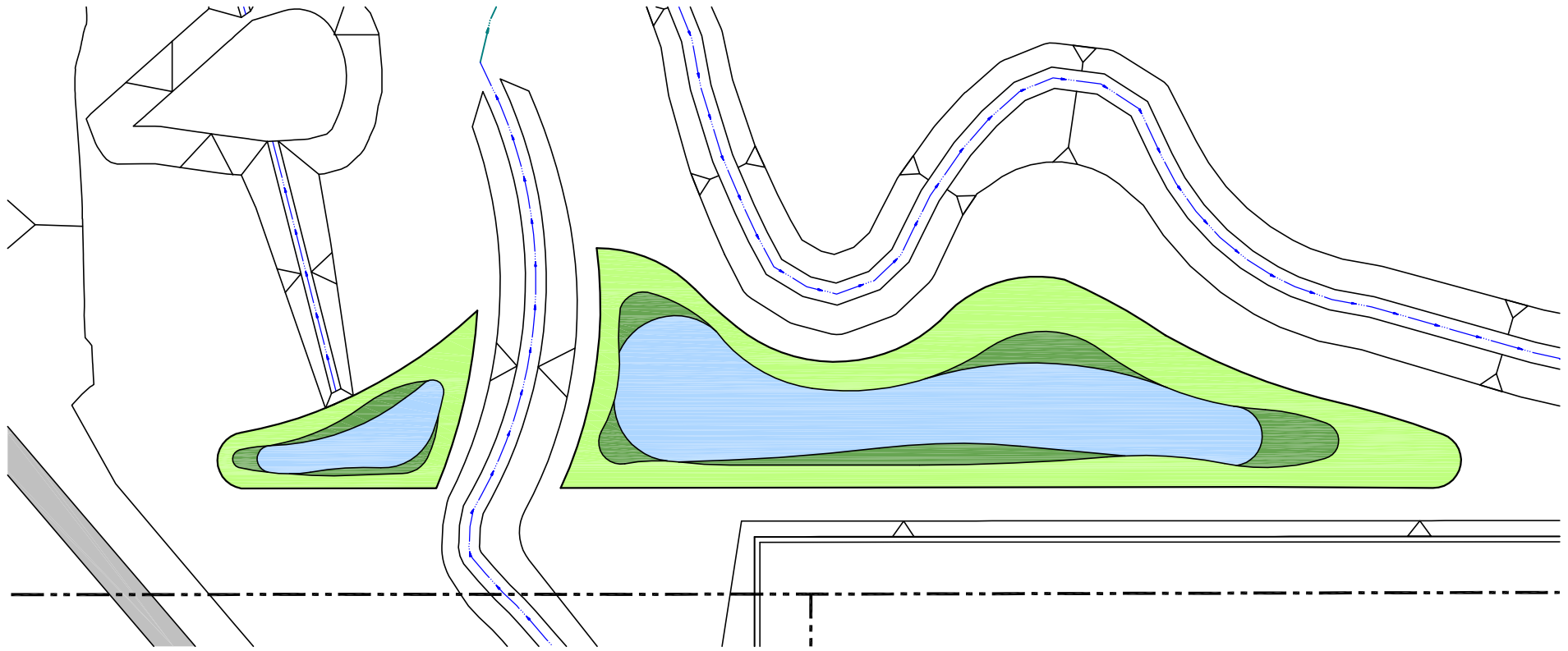


RIPARIAN WOODLAND - PROPOSED MITIGATION			
AREA	MITIGATION AREA	PLANTING SPECIFICATIONS	PLANTING SUMMARY FOR TYPICAL AREA SHOWN
EXAMPLE AREA	500 LF	20 TREES/SHRUBS PER 100 LF 6 TREES PER 100 LF 14 SHRUBS PER 100 LF 46 HERBACEOUS PLANTS PER 100 LF	100 TOTAL TREES/SHRUBS 30 TREES 70 SHRUBS 230 HERBACEOUS PLANTS
TOTAL RIPARIAN CORRIDOR MITIGATION AREA	10,100 LF	TYPICAL PLANTING LIST PROVIDED BELOW <ul style="list-style-type: none">• MINIMUM 4 TREE SPECIES• MINIMUM 4 SHRUB SPECIES• MINIMUM 2 HERBACEOUS SPECIES• 1,000 HERBACEOUS PLANTS PER ACRE• SIDESLOPES AND CHANNEL BOTTOM AREA WILL BE PLANTED WITH NATIVE GRASS MIX	TOTAL MITIGATION WILL INCLUDE 606 TREES 1,414 SHRUBS 4,646 HERBACEOUS PLANTS

TYPICAL PLANTING LIST ⁽¹⁾		
TREES	SHRUBS	HERBACEOUS
<ul style="list-style-type: none">• REDBUD—CERCIS CANADENSIS• DOWNY HAWTHORN—CRATAEGUS MOLLIS• POSSUMHAW—LLEX DECIDUA• CHICKASAW PLUM—PRUNUS ANGUSTIFOLIA• HACKBERRY—CELTIS OCCIDENTALS• PERSIMMON—DIOSPYROS VIRGINIANA• KENTUCKY COFFEE TREE—GYMNOCLADUS DIOICUS• LITTLE SEEDED WALNUT—JUGANS MICROCARPA• OSAGE ORANGE—MACLURA POMIFORIA• BURR OAK—QUERCUS MACROCARPA• CHICQUAPIN OAK—QUERCUS MUHLENBERGII• SHUMARD OAK—QUERCUS SHUMARDII• WESTERN SOAPBERRY—SAPINDUS DRUMMONDI• AMERICAN ELM—ULMUS AMERICANA• PECAN—CARYA SPP• SYCAMORE—PLATANUS OCCIDENTALIS• COTTONWOOD—POPULUS SPP• BALD CYPRESS—TAXODIUM DISTICHUM	<ul style="list-style-type: none">• FRAGRANT SUMAC—RHUS AROMATICA• SMOOTH SUMAC—RHUS GALBRA• RUSTY BLACKHAW—VIBURNUM RUFIDULUM• BEAUTYBERRY—CALLICARPA AMERICANA• BUTTON BUSH—CEPHALANTHUS OCCIDENTALIS• ROUGHLEAF DOGWOOD—CORNUS DRUMMONDII• COYOTE WILLOW—SALIX EXIGUA• CORALBERRY—SYMPHORICARPOS ORBICULATUS	<ul style="list-style-type: none">• SWITCH GRASS (PANICUM VIRGATUM)• BIG BLUE STEM (ANDROPOGON GERARDII)• SOFT RUSH (JUNCUS EFFUSUS)• WATERWILLOW (JUSTICIA AMERICANA)

⁽¹⁾ ADDITIONAL SPECIES NOT INCLUDED ON THE PLANTING LIST MAY BE UTILIZED GIVEN ACCESSIBILITY OF LOCAL SELLERS

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DATE: 12/2021 FILE: 0601-01-11 CAD: 11-WOODLAND MITIGATION AREA.DWG	DRAWN BY: SPF DESIGN BY: JWG REVIEWED BY: JWG		REVISIONS
			NO. DATE DESCRIPTION
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TYPICAL PLANTING LIST ⁽¹⁾

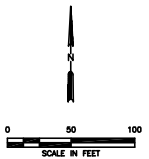
TREES	SHRUBS	HERBACEOUS
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⁽¹⁾ ADDITIONAL SPECIES NOT INCLUDED ON THE PLANTING LIST MAY BE UTILIZED GIVEN ACCESSIBILITY OF LOCAL SELLERS

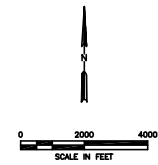
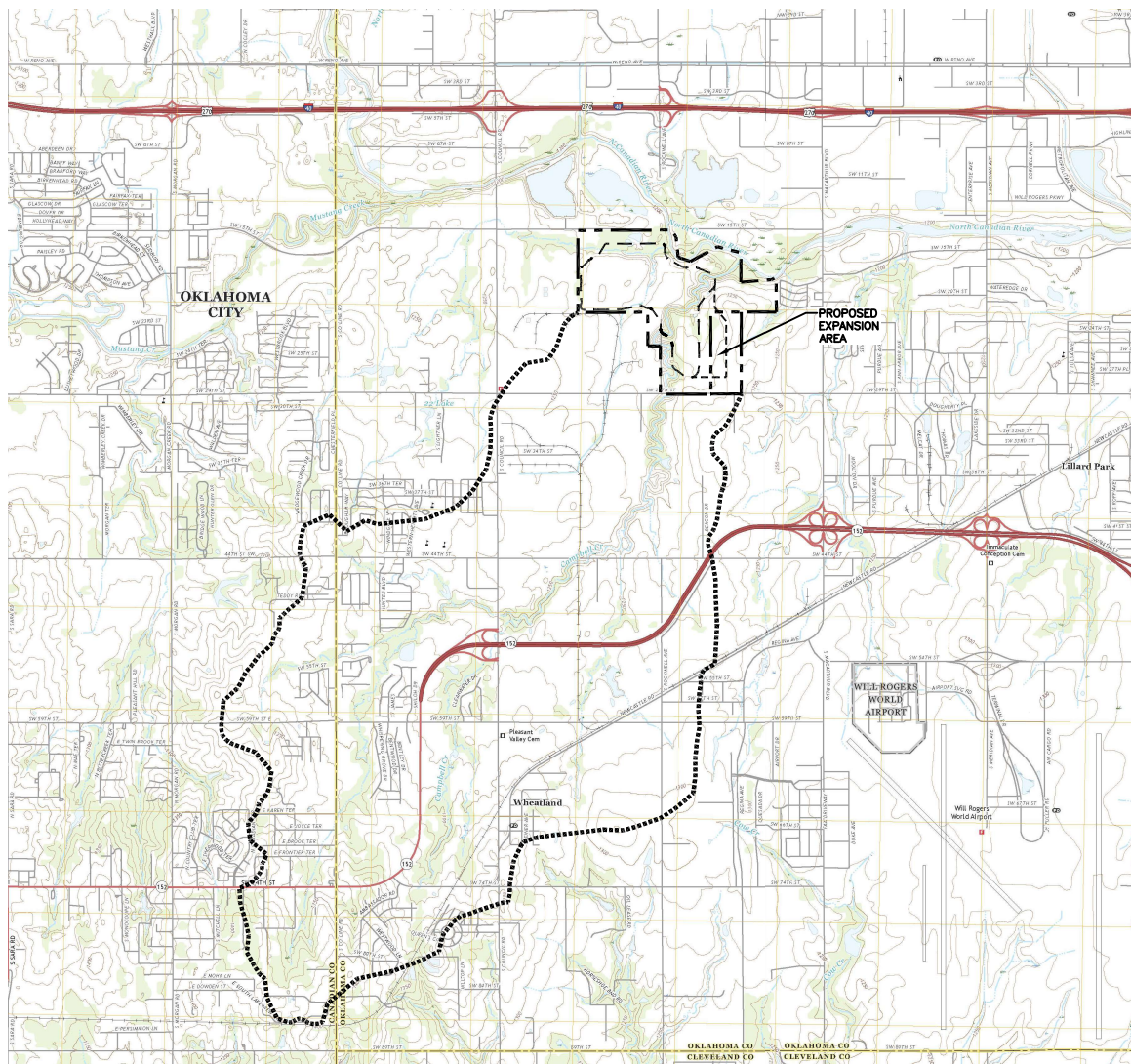
WETLAND MITIGATION AREA

MITIGATION AREA	PLANTING SPECIFICATIONS	PLANTING SUMMARY FOR TYPICAL AREA SHOWN
3.2 ACRE	36 TREES/SHRUBS PER ACRE. 30%/70% RATIO OF TREES/SHRUBS. MINIMUM OF 4 SPECIES OF TREES. MINIMUM OF 4 SPECIES OF SHRUBS.	116 TOTAL TREES/SHRUBS (35 TREES AND 81 SHRUBS)
	1,000 HERBACEOUS PLANTS PER ACRE. MINIMUM OF 2 SPECIES.	3200 HERBACEOUS PLANTS

SIDESLOPES AND BOTTOM AREA WILL BE PLANTED WITH NATIVE GRASS MIX.



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DATE: 12/2021 FILE: 0601-01-11 CAD: 12-WETLAND MITIGATION AREA.DWG		DRAWN BY: SRP DESIGN BY: JVG REVIEWED BY: JVG																		
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NO.	DATE	DESCRIPTION																		
				DRAWING 12																



LEGEND

- PROPOSED PERMIT BOUNDARY
- PROPOSED LIMIT OF WASTE
- EXISTING PERMIT BOUNDARY
- PERMITTED LIMIT OF WASTE
- CAMPBELL CREEK WATERSHED

ROAD CLASSIFICATION

- Expressway
- Secondary Hwy
- Ramp
- Interstate Route
- Local Connector
- Local Road
- 4WD
- US Route
- State Route

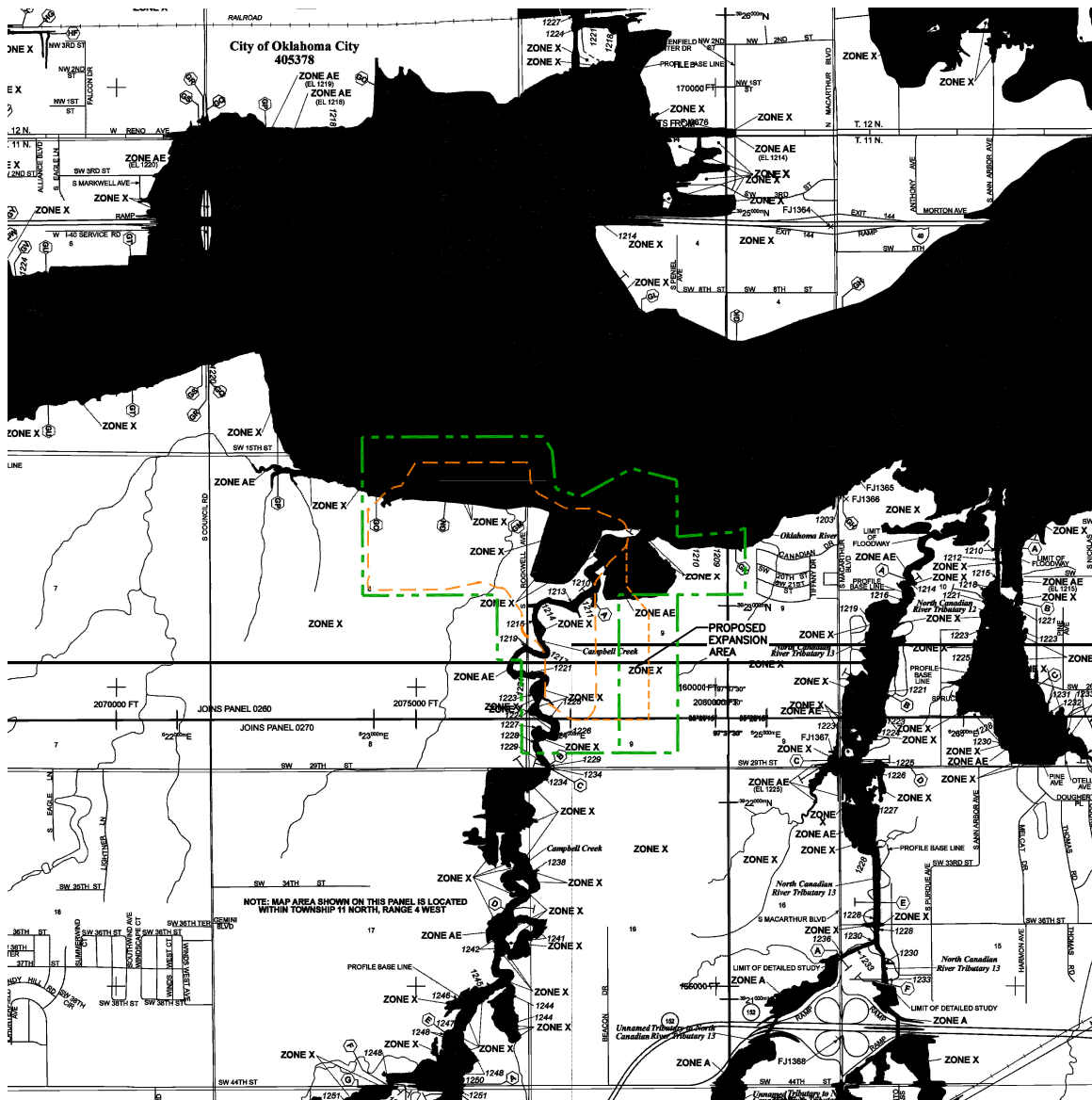
MUSTANG, OK
2018

OKLAHOMA CITY, OK
2018

NOTES:

1. ADAPTED FROM USGS 7.5 MINUTE QUADRANGLE TOPOGRAPHIC MAP (MUSTANG, OK 2018 AND OKLAHOMA CITY, OK 2018).
2. THE MAP AREA SHOWN IS WITHIN SECTIONS 8 AND 9 OF TOWNSHIP II NORTH, RANGE 4 WEST.
3. THE PERMIT BOUNDARY WAS REPRODUCED FROM A LEGAL DESCRIPTION PREPARED BY LEMKE LAND SURVEYING, INC.

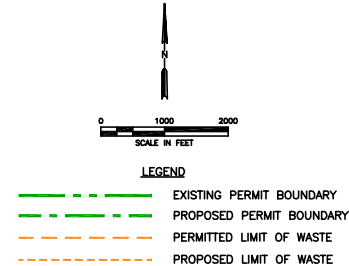
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DATE: 12/2021 FILE: 0601-01-11 CAD: 13-WATERSHED.DWG		DRAWN BY: SPF DESIGN BY: JBP REVIEWED BY: JWD		REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		NO.	DATE	DESCRIPTION												
NO.	DATE	DESCRIPTION																		
Weaver Consultants Group CA 3804 PE - 05/31/2023				OKLAHOMA LANDFILL OKLAHOMA COUNTY, OKLAHOMA WWW.WCGRP.COM																
DRAWING 13				DRAWING 13																



NOTES:

1. ADAPTED FROM USGS 7.5 MINUTE QUADRANGLE TOPOGRAPHIC MAP (MUSTANG, OK 2018 AND OKLAHOMA CITY, OK 2018).
2. THE PERMIT BOUNDARY WAS REPRODUCED FROM A LEGAL DESCRIPTION PREPARED BY LEMKE LAND SURVEYING, INC.
3. FLOODPLAIN REPRODUCED FROM FLOOD RATE INSURANCE MAPS (40109C0260H, 40109C0270H, 40109C0280H, 40109C0290H) DATED DECEMBER 18, 2009.

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SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones X, AE, AH, AO, AR, AR9, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A No Base Flood Elevation determined.

ZONE AE Base Flood Elevations determined.

ZONE AH Flood depths of 1 to 3 feet (usually areas of ponds); Base Flood Elevations determined.

ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of shallow fan flooding, velocities also determined.

ZONE AR Area of special flood hazard formerly protected from the 1% annual chance flood event by a flood control system that was subsequently determined. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance of greater flood event.

ZONE AR9 Areas to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no Base Flood Elevations determined.

ZONE V Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

ZONE VE Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

Floodplain boundary

Floodway boundary

Zone D boundary

CBRS and OPA boundary

Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.

Base Flood Elevation line and value; elevation in feet

Base Flood Elevation value where uniform within zone; elevation in feet

* Referenced to the North American Vertical Datum of 1988 (NAVD 88)

Cross section line

Traverse line

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere

1983 datum Universal Transverse Mercator grid data, zone 14

5000-foot grid values; Oklahoma State Plane coordinate system, North Zone (SPSOKC-14-302), Lambert projection

BM 5010 (see explanation in Notes to Users section of this FIRM (part))

BM 5010

BM 5010

MAP REPOSITORIES

Refer to Repository Listing on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP:

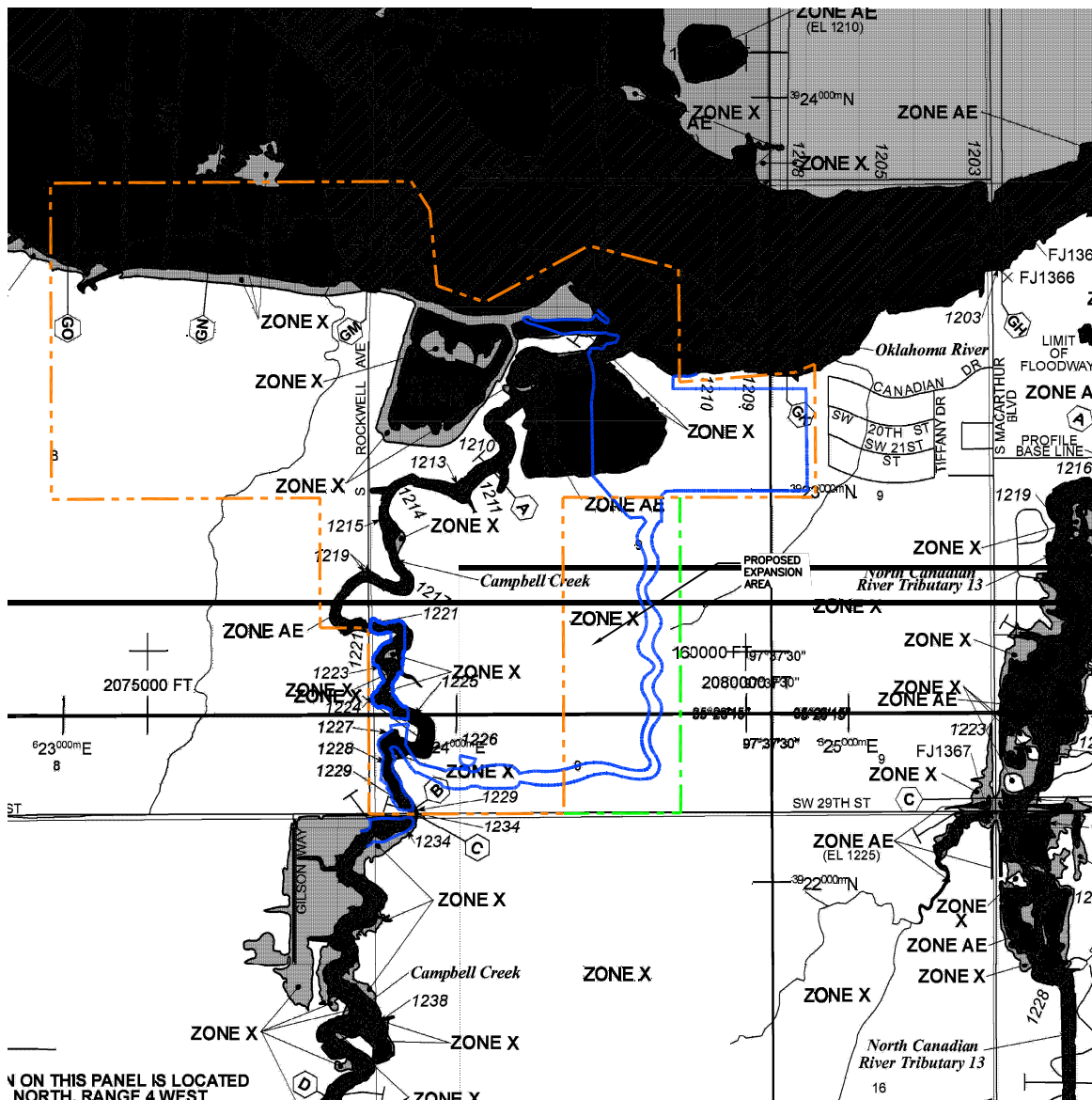
March 2, 2002

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL:

December 18, 2009

December 18, 2021, to update corporate letter, to change Base Flood Elevations and Special Flood Hazard Areas, to revise vertical datum, to update maps and road names, to incorporate previously issued Letters of Map Revision, and to reflect updated topographic information.

<input type="checkbox"/> DRAFT <input checked="" type="checkbox"/> FOR PERMITTING PURPOSES ONLY <input type="checkbox"/> ISSUED FOR CONSTRUCTION		PREPARED FOR OKLAHOMA CITY WASTE DISPOSAL, INC.		SECTION 404 INDIVIDUAL PERMIT FLOOD INSURANCE RATE MAP (FIRM)													
DATE: 12/2021 FILE: 0601-01-11 CAD: 14-FIRM.DWG		DRAWN BY: SPF DESIGN BY: JBP REVIEWED BY: JUD		REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	DATE	DESCRIPTION									
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Weaver Consultants Group CA 3804 PE - 05/31/2023		OKLAHOMA LANDFILL OKLAHOMA COUNTY, OKLAHOMA		WWW.WCGRP.COM DRAWING 14													

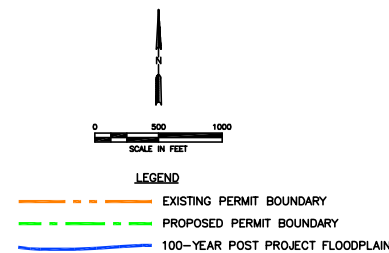


ON THIS PANEL IS LOCATED
NORTH. RANGE 4 WEST

NOTES:

1. THE PERMIT BOUNDARY WAS REPRODUCED FROM A LEGAL DESCRIPTION PREPARED BY LEMKE LAND SURVEYING, INC.
2. FLOODPLAIN REPRODUCED FROM FLOOD RATE INSURANCE MAPS (40109C0260H, 40109C0270H, 40109C0280H, 40109C0290H) DATED DECEMBER 18, 2009.
3. THE 100-YEAR POST PROJECT FLOODPLAIN IS REPRODUCED FROM THE SITE CLOMR.

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EXPLANATION OF THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, AV, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- ZONE A** No Base Flood Elevation determined.
- ZONE AE** Base Flood Elevation determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevation determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of shallow flow flooding, velocities also determined.
- ZONE AR** Area of special flood hazard formerly protected from the 1% annual chance flood event by a flood control system that was subsequently derelict. Zone AR indicates that the former flood control system is being retained to provide protection from the 1% annual chance of greater flood event.
- ZONE AV** Areas to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no Base Flood Elevation determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevation determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevation determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

- ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

- ZONE D** Areas determined to be outside the 0.2% annual chance floodplain.
- ZONE E** Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- Floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- Base Flood Elevation line and value; elevation in feet
- Base Flood Elevation value where uniform within area; elevation in feet
- Vertical datum of 1988 (MVD 88)
- Referenced to the North American
- Cross section line
- Traverse line
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
- 1000-meter Universal Transverse Mercator grid scale, zone 14
- 5000-foot grid values: Oklahoma State Plane coordinates system, North Zone (NAD 83 + 3051), Lambert projection
- North arrow (see explanation in Note to Users section of this FIRM panel)
- Blue line
- Blue line
- MAP REPOSITORIES
- Refer to Repository Listing on Map Index
- EFFECTIVE DATE OF COUNTRYWIDE FLOOD INSURANCE RATE MAP: JAN. 2, 2002
- EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL: DECEMBER 18, 2009
- December 18, 2009 - to update corporate limits, to change Base Flood Elevations and Special Flood Hazard Areas, to revise vertical datum, to update roads and road names, to incorporate previously issued Letters of Map Revision, and to reflect updated topographic information.

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