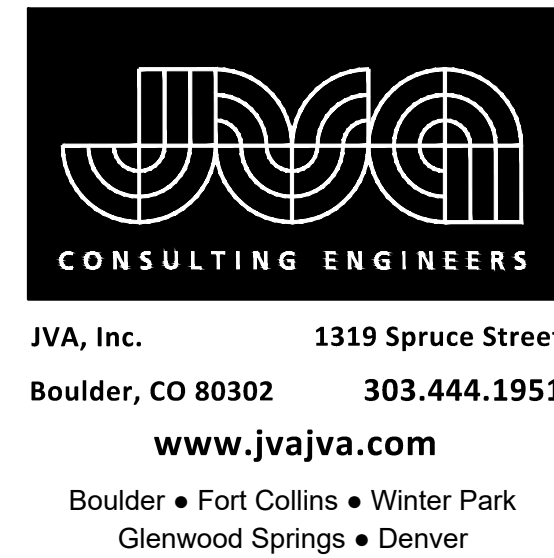


LOUISVILLE WASTEWATER TREATMENT PLANT PLANNED UNIT DEVELOPMENT 1ST AMENDMENT LOT 1 LOUISVILLE WASTEWATER TREATMENT PLANT

CASE # PUD-000516-2024 COVER PAGE 1 OF 7

CONTACTS

OWNER:	CITY OF LOUISVILLE 749 MAIN STREET LOUISVILLE, CO 80027	JUSTIN FERRON, P.E. (303) 335-4607 JFERRON@LOUISVILLECO.GOV
ENVIRONMENTAL ENGINEER:	JVA, INC 1319 SPRUCE STREET BOULDER, CO 80302	ROBERT ANDERSON, P.E. (303) 565-4916 RANDERSON@JVAJVA.COM
CIVIL ENGINEER:	JVA, INC 1319 SPRUCE STREET BOULDER, CO 80302	NATHAN SKALAK, P.E. (303) 565-4936 NSKALAK@JVAJVA.COM
STRUCTURAL ENGINEER:	JVA, INC 1319 SPRUCE STREET BOULDER, CO 80302	ADAM TEUNISSEN, P.E. (303) 565-4936 ATEUNISSEN@JVAJVA.COM
ARCHITECTURAL ENGINEER:	SHORT AND BRENNAN ARCHITECTS ONE BROADWAY, SUITE A201 DENVER, CO 80203	GREG SHORT (303) 321-2043 GSHORT@SHORTBRENNAN.COM
ELECTRICAL ENGINEER:	BROWNS HILL ENGINEERING AND CONTROLS, LLC. 819 SHAFFER PARKWAY, UNIT C LITTLETON, CO 80127	TED WILLIE, P.E. (720) 344-7771 TWILLIE@BROWNSHILLENG.COM
MECHANICAL ENGINEER:	MEC INC. 4640 N PECOS ST, UNIT F DENVER, CO 80211	JOE WITTENBURG, P.E. (914) 860-6507 JWITTENBURG@MECENGR.COM



DECEMBER 2024

PREPARED UNDER THE SUPERVISION OF

JVA, Inc.

IDDSDG – Site Table

	Required	Existing	Proposed
Total Site Area	-	20 acres	20 acres
Site Coverage	75% Max		
Building		2.8% - 25,000 sf	3.0% - 26,200 sf
Parking		0.46% - 4,000 sf	0.5% - 4,400 sf
Driveway (paved)		11.5% - 100,000 sf	11.9% - 104,000 sf
Total		14.8% - 129,000 sf	15.4% - 134,600 sf
Land Landscape Coverage	25% Min		
Landscape Area		Unchanged – only native seeding addition	
Hardscape		See Driveway (paved) above	
Building Height		Existing and proposed maximum the same at 22 ft	
Setbacks		Unchanged from existing conditions	
Parking Spaces		Standard – three additional	
Parking Setbacks		Unchanged from existing conditions	
Perimeter Landscaping		Unchanged from existing conditions	
Parking Lot Landscaping		Unchanged from existing conditions	
Building Site Landscaping		Unchanged from existing conditions	

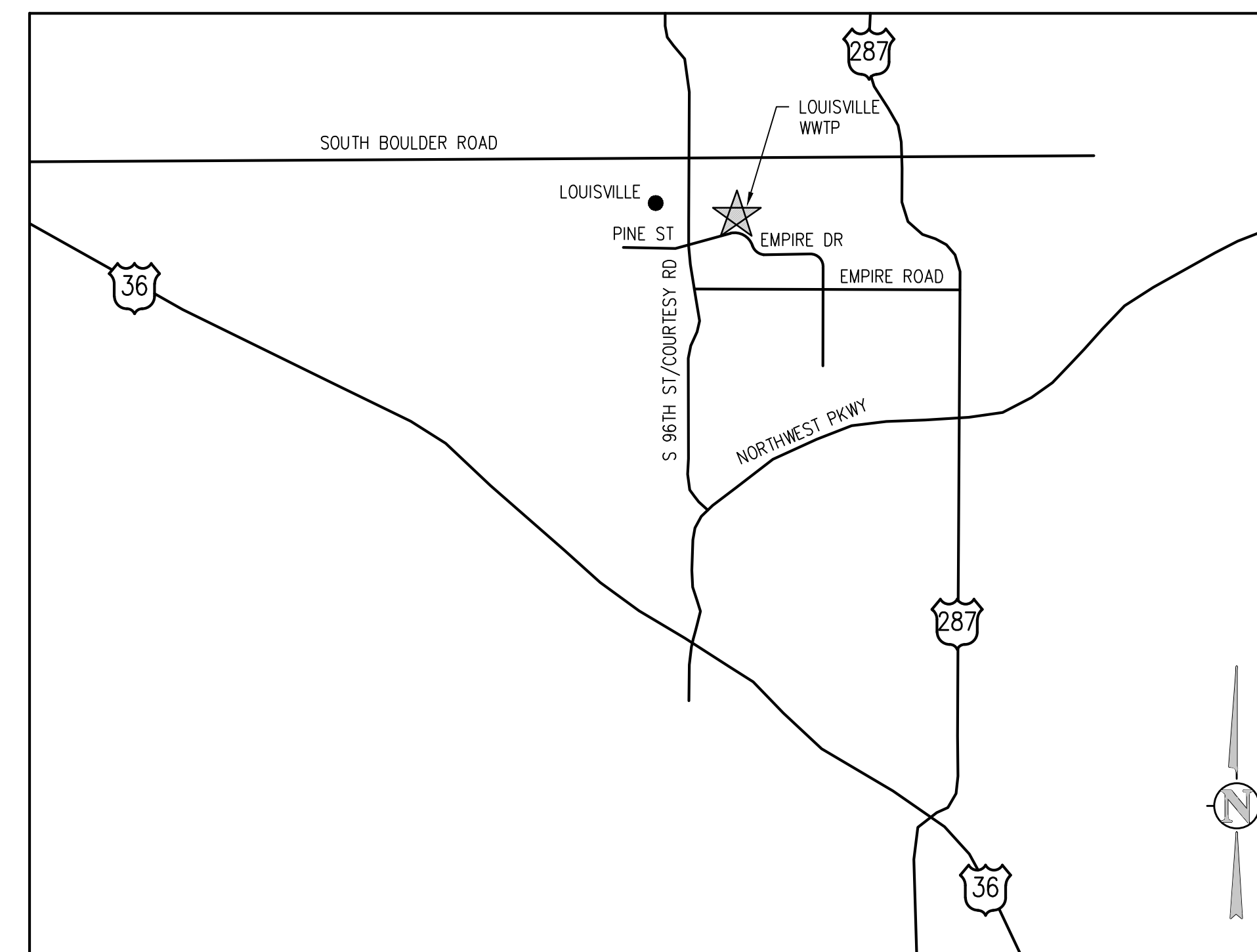
OWNER SIGNATURE BLOCK	
THE UNDERSIGNED AS THE OWNER OF THE LANDS DESCRIBED HEREIN, HEREBY AGREES ON BEHALF OF ITSELF, AND ITS HEIRS, SUCCESSORS AND ASSIGNS TO DEVELOP AND MAINTAIN THE PROPERTY DESCRIBED HEREON IN ACCORDANCE AND COMPLIANCE WITH THIS APPROVED PLAN AND THE LOUISVILLE MUNICIPAL CODE.	
OWNER NAME _____	OWNER SIGNATURE _____ (NOTARY SEAL)
NOTARY NAME _____	NOTARY SIGNATURE _____
CLERK AND RECORDER CERTIFICATE	
STATE OF COLORADO)) SS
COUNTY OF BOULDER)	
I HEARBY CERTIFY THAT THIS INSTRUMENT WAS FILED IN MY OFFICE AT _____ AM/PM O'CLOCK, THIS _____ DAY OF _____, 20____, AND IS DULY RECORDED IN PLAN FILE _____.	
FEE \$ _____ PAID.	CLERK AND RECORDER _____
RECEPTION NO. _____	DEPUTY _____

PROJECT CONTEXT DATA

- i. EXISTING ZONING - INDUSTRIAL (I) - NO CHANGE
- ii. COLORADO DEPARTMENT OF HEALTH & ENVIRONMENT - PROCESS DESIGN REPORT APPROVAL - ES PROJECT NO. ES.22.CWPDR.07208

PROJECT DESCRIPTION

CONSTRUCTION OF NEW WAS STORAGE FACILITIES AND IMPROVEMENTS TO THE EXISTING THICKENING AND DEWATERING BUILDINGS.
NO PREVIOUS PUD AMENDMENTS.



PROJECT LOCATION MAP

ORIGINAL SUBMITTAL - JULY 2, 2024
REV 1 - SEPTEMBER 18, 2024
REV 2- DECEMBER 4, 2024

CITY OF LOUISVILLE WASTEWATER TREATMENT PLANT PLANNED UNIT DEVELOPMENT 1ST AMENDMENT LOT 1 LOUISVILLE WASTEWATER TREATMENT PLANT CASE # PUD-000516-2024 LANDSCAPE & PHOTOMETRIC PLAN PAGE 2 OF 7

NO OUTSIDE LIGHTING
 CHANGES AT DEWATERING
 BUILDING EXISTING
 OUTSIDE LIGHTING AT
 DOOR ENTRANCES



HUBBELL VERTICAL LED LAMP,
 DOWNWARD ORIENTATION WITH
 EXTERNAL PHOTO CELL.
 (2) ONE AT EACH DOOR
 LIGHTING SUFFICIENT FOR
 DOOR ENTRANCE ONLY -
 ZERO UPLIGHT 2000 LUMENS
 REQUIRED AT EACH DOOR

NO OUTSIDE LIGHTING
 CHANGES AT THICKENING
 BUILDING EXISTING
 OUTSIDE LIGHTING AT
 DOOR ENTRANCES

GATED
 ACCESS OFF
 EMPIRE RD

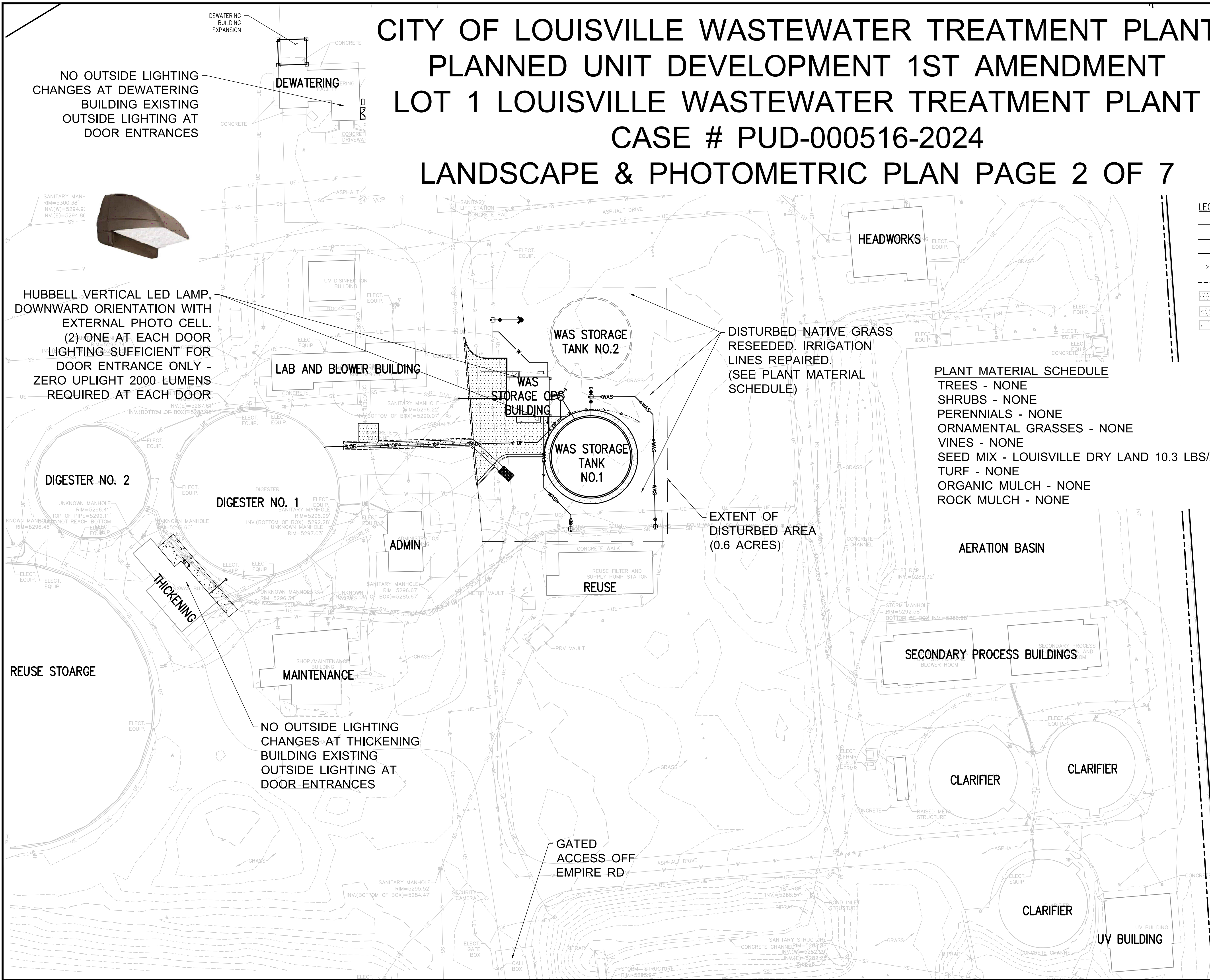
DISTURBED NATIVE GRASS
 RESEED. IRRIGATION
 LINES REPAIRED.
 (SEE PLANT MATERIAL
 SCHEDULE)

EXTENT OF
 DISTURBED AREA
 (0.6 ACRES)

PLANT MATERIAL SCHEDULE
 TREES - NONE
 SHRUBS - NONE
 PERENNIALS - NONE
 ORNAMENTAL GRASSES - NONE
 VINES - NONE
 SEED MIX - LOUISVILLE DRY LAND 10.3 LBS/AC
 TURF - NONE
 ORGANIC MULCH - NONE
 ROCK MULCH - NONE

LEGEND

	WAS PIPE
	OVERFLOW PIPE
	THICKENED WAS PIPE
	SURFACE DRAINAGE FLOW PATH
	LIMITS OF SAWCUT
	ASPHALT PAVING
	GRAVEL PATH
	CONCRETE PAVING



NO.	DATE	DESC	DWN

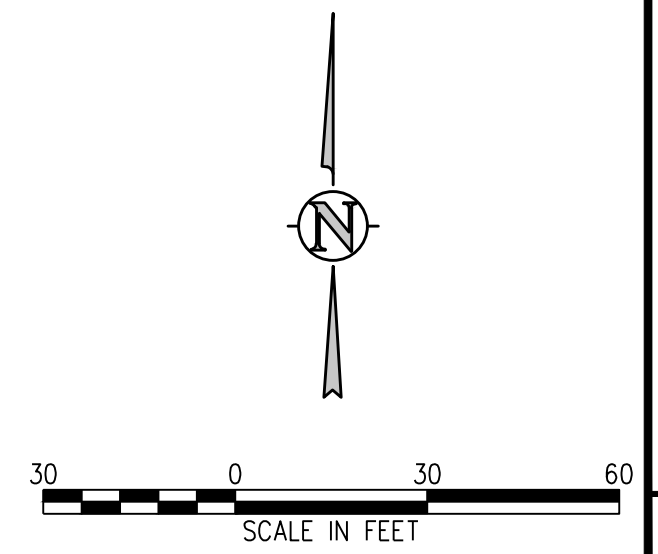
DESIGNED BY:	RJA
DRAWN BY:	AMF
CHECKED BY:	JJM
JOB #:	1069.4e
DATE:	DEC 2024
© JVA, INC.	

LOUISVILLE WWTP
 SOLIDS HANDLING IMPROVEMENTS
 LOUISVILLE, COLORADO

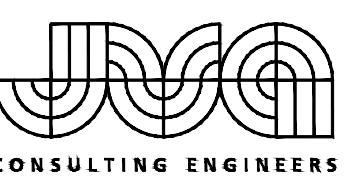
SITE PLAN

SHEET NO.
C1.0

ORIGINAL SUBMITTAL - JULY 2, 2024
 REV 1 - SEPTEMBER 18, 2024
 REV 2 - DECEMBER 4, 2024



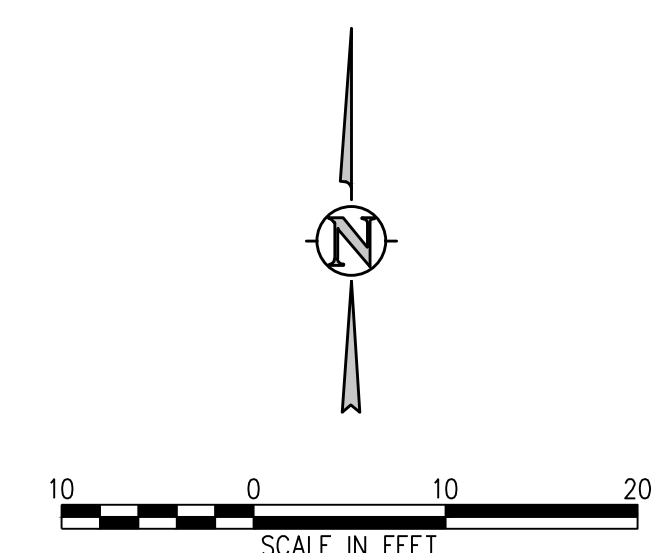
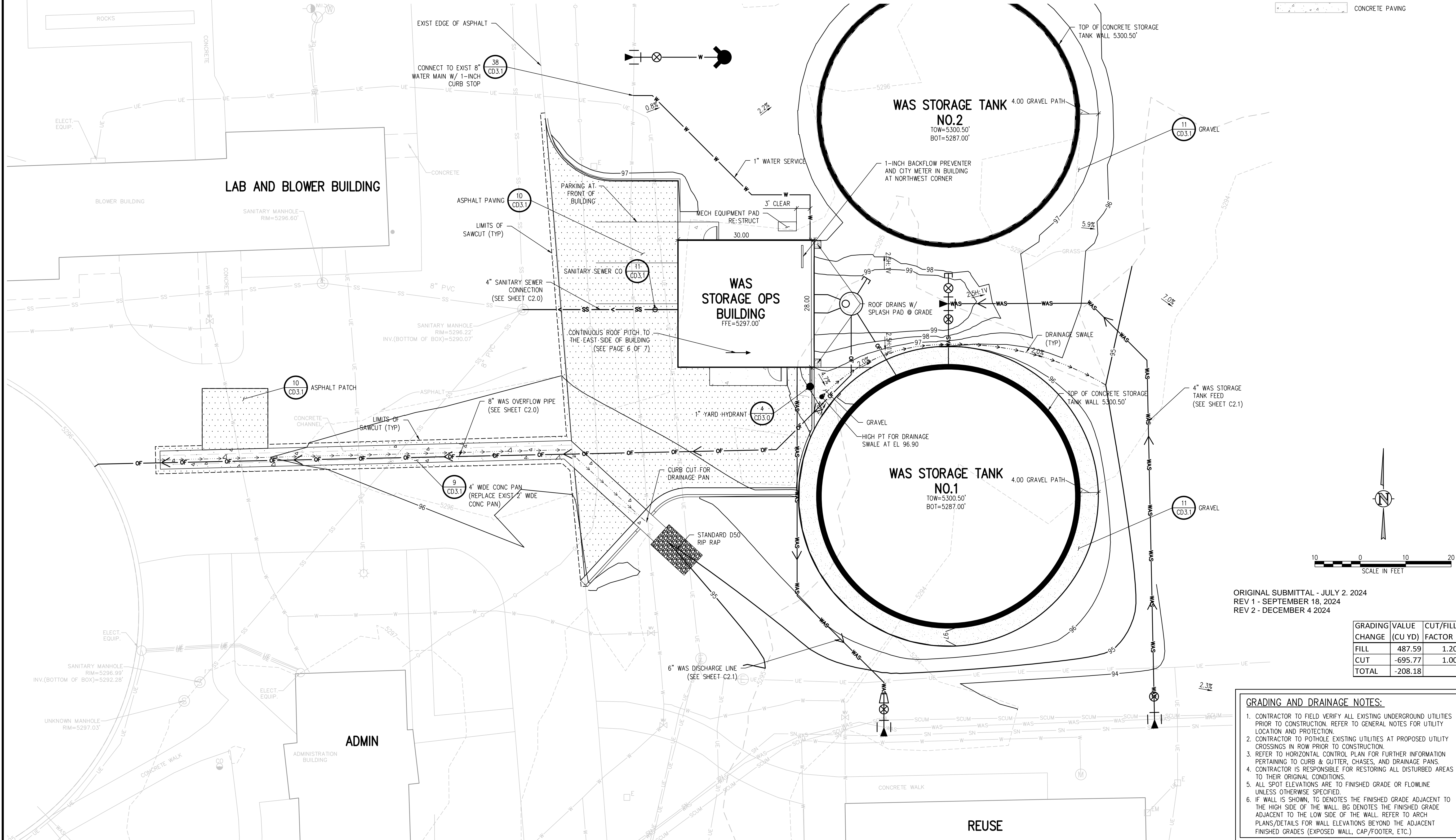
CITY OF LOUISVILLE WASTEWATER TREATMENT PLANT PLANNED UNIT DEVELOPMENT 1ST AMENDMENT LOT 1 LOUISVILLE WASTEWATER TREATMENT PLANT CASE # PUD-000516-2024 GRADING & UTILITY PLAN PAGE 3 OF 7



JVA, Inc. 1319 Spruce Street
 Boulder, CO 80302 303.444.1951
 www.jvaja.com
 Boulder • Fort Collins • Winter Park
 Glenwood Springs • Denver

LEGEND

- WAS — WAS PIPE
- OF — OVERFLOW PIPE
- TWAS — THICKENED WAS PIPE
- → → → SURFACE DRAINAGE FLOW PATH
- - - - - LIMITS OF SAWCUT
- [Pattern] ASPHALT PAVING
- [Pattern] GRAVEL PATH
- [Pattern] CONCRETE PAVING



ORIGINAL SUBMITTAL - JULY 2, 2024
 REV 1 - SEPTEMBER 18, 2024
 REV 2 - DECEMBER 4, 2024

GRADING CHANGE	VALUE (CU YD)	CUT/FILL FACTOR
FILL	487.59	1.20
CUT	-695.77	1.00
TOTAL	-208.18	

- GRADING AND DRAINAGE NOTES:**
- CONTRACTOR TO FIELD VERIFY ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. REFER TO GENERAL NOTES FOR UTILITY LOCATION AND PROTECTION.
 - CONTRACTOR TO POTHOLE EXISTING UTILITIES AT PROPOSED UTILITY CROSSINGS IN ROW PRIOR TO CONSTRUCTION.
 - REFER TO HORIZONTAL CONTROL PLAN FOR FURTHER INFORMATION PERTAINING TO CURBS & GUTTER, CHASES, AND DRAINAGE PANS.
 - CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL DISTURBED AREAS TO THEIR ORIGINAL CONDITIONS.
 - ALL SPOT ELEVATIONS ARE TO FINISHED GRADE OR FLOWLINE UNLESS OTHERWISE SPECIFIED.
 - IF WALL IS SHOWN, TG DENOTES THE FINISHED GRADE ADJACENT TO THE HIGH SIDE OF THE WALL. BG DENOTES THE FINISHED GRADE ADJACENT TO THE LOW SIDE OF THE WALL. REFER TO ARCH PLANS/DETAILS FOR WALL ELEVATIONS BEYOND THE ADJACENT FINISHED GRADES (EXPOSED WALL, CAP/FOOTER, ETC.)

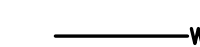
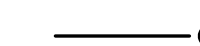
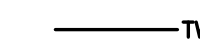
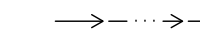
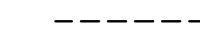



NO. DATE DESD DWN	REVISION DESCRIPTION
DESIGNED BY: RJA DRAWN BY: AMF CHECKED BY: JJM JOB #: 1069.4e DATE: DEC 2024 © JVA, INC.	
LOUISVILLE WWTP SOLIDS HANDLING IMPROVEMENTS LOUISVILLE, COLORADO WAS STORAGE SITE PLAN	
SHEET NO. C1.1	

CITY OF LOUISVILLE WASTEWATER TREATMENT PLANT PLANNED UNIT DEVELOPMENT 1ST AMENDMENT LOT 1 LOUISVILLE WASTEWATER TREATMENT PLANT CASE # PUD-000516-2024 GRADING & UTILITY PLAN PAGE 4 OF 7

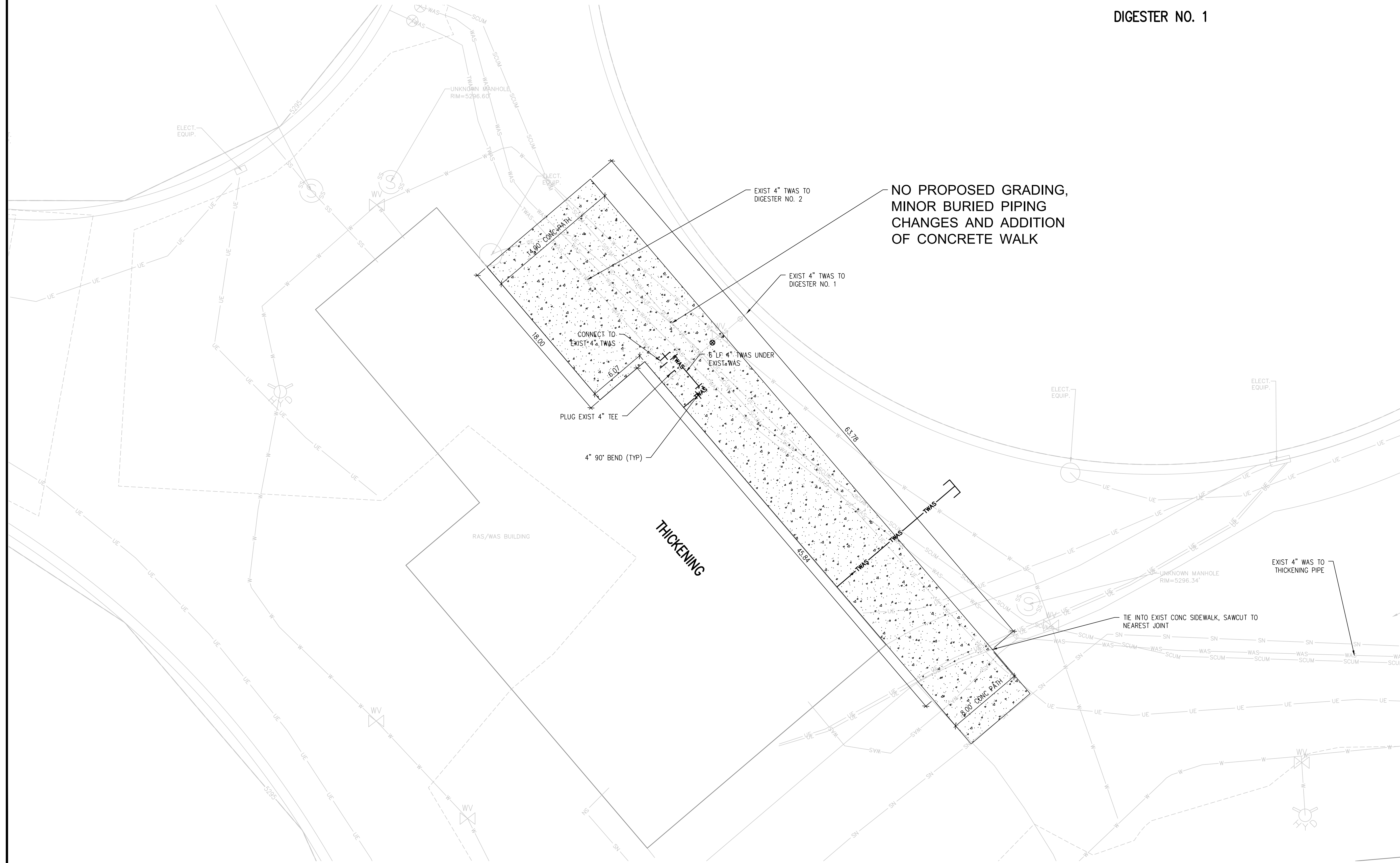
DIGESTER NO. 2

DIGESTER NO. 1

LEGEND

	WAS PIPE
	OVERFLOW PIPE
	THICKENED WAS PIPE
	SURFACE DRAINAGE FLOW PATH
	LIMITS OF SAWCUT
	ASPHALT PAVING
	GRAVEL PATH
	CONCRETE PAVING

UNKNOWN MAI
 RIM=52
 TOP OF PIPE=52
 COULD NOT REACH B



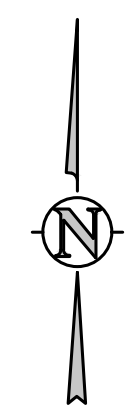
NO.	DATE	DESID	DWN	REVISION DESCRIPTION

DESIGNED BY:	RJA
DRAWN BY:	AMF
CHECKED BY:	JJM
JOB #:	1069.4e
DATE:	DEC 2024

© JVA, INC.

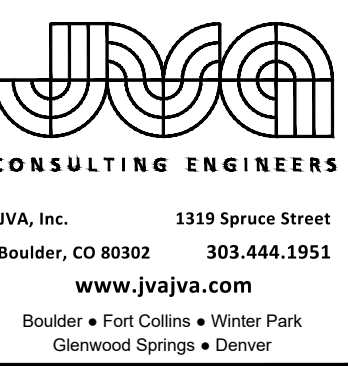
LOUISVILLE WWTP
 SOLIDS HANDLING IMPROVEMENTS
 LOUISVILLE, COLORADO
 THICKENING BUILDING SITE PLAN

ORIGINAL SUBMITTAL - JULY 2, 2024
 REV 1 - SEPTEMBER 18, 2024
 REV 2 - DECEMBER 4, 2024



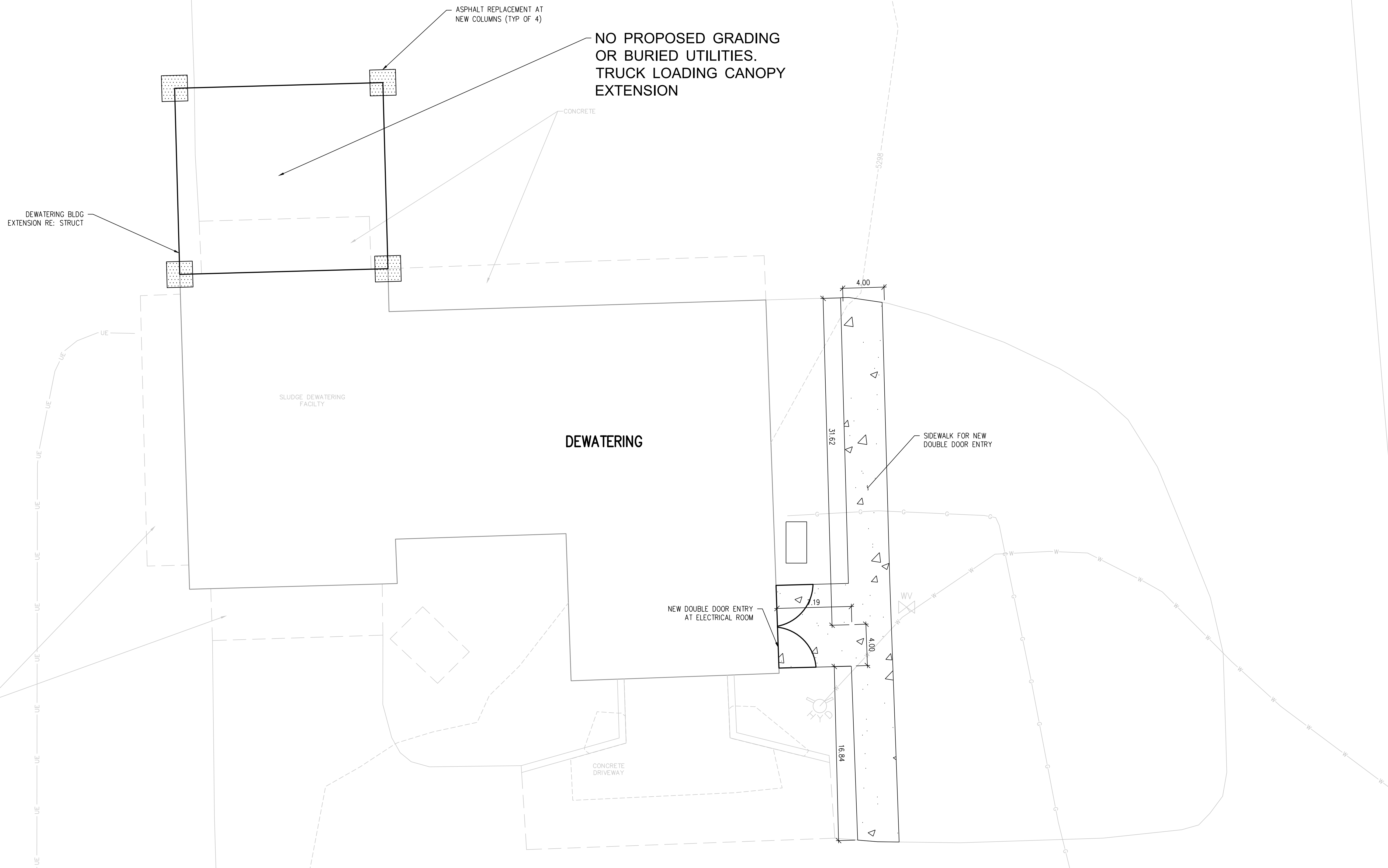
SHEET NO.
C1.2

CITY OF LOUISVILLE WASTEWATER TREATMENT PLANT PLANNED UNIT DEVELOPMENT 1ST AMENDMENT LOT 1 LOUISVILLE WASTEWATER TREATMENT PLANT CASE # PUD-000516-2024 GRADING & UTILITY PLAN PAGE 5 OF 7



LEGEND

	WAS PIPE
	OVERFLOW PIPE
	THICKENED WAS PIPE
	SURFACE DRAINAGE FLOW PATH
	LIMITS OF SAWCUT
	ASPHALT PAVING
	GRAVEL PATH
	CONCRETE PAVING



ORIGINAL SUBMITTAL - JULY 2, 2024
 REV 1 - SEPTEMBER 18, 2024
 REV 2 - DECEMBER 4, 2024

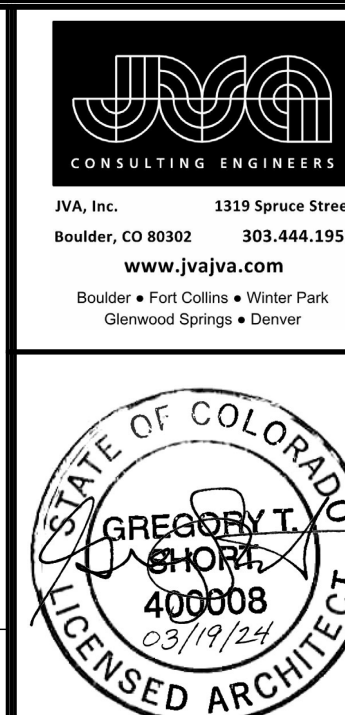


DESIGNED BY: RJA	NO. DATE DES'G DWN
DRAWN BY: AMF	
CHECKED BY: JJM	
JOB #: 1069.4e	
DATE: DEC 2024	
© JVA, INC.	
LOUISVILLE WWTP SOLIDS HANDLING IMPROVEMENTS LOUISVILLE, COLORADO	REVISION DESCRIPTION
C1.3 DETWATERING BUILDING SITE PLAN	
SHEET NO. C1.3	

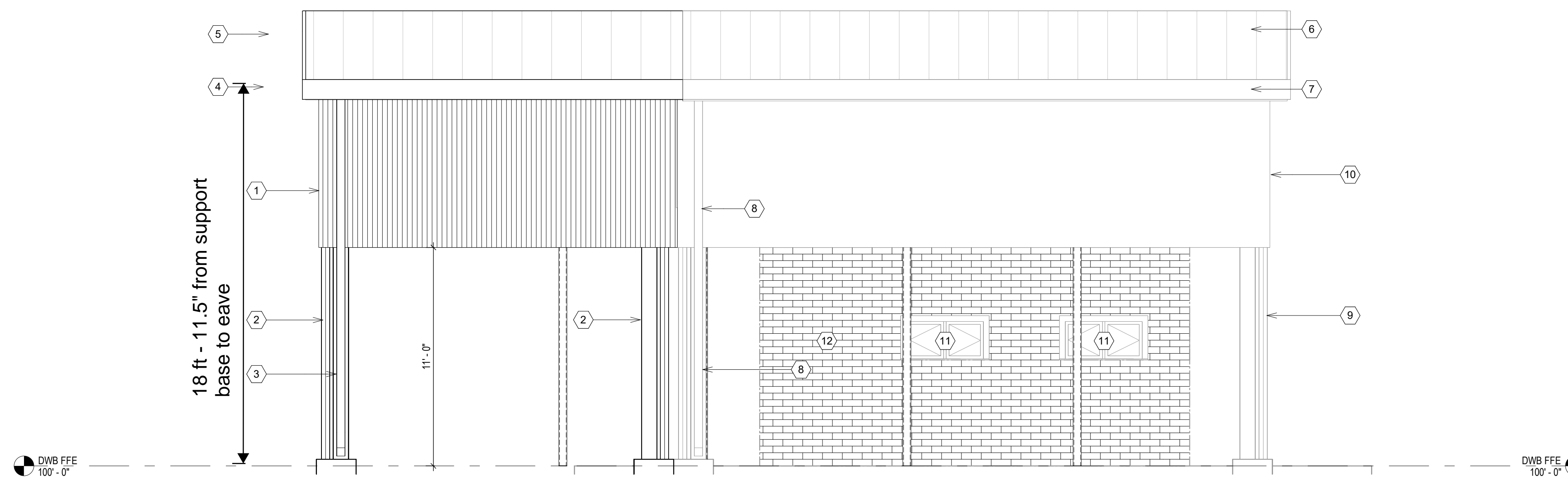
CITY OF LOUISVILLE WASTEWATER TREATMENT PLANT PLANNED UNIT DEVELOPMENT 1ST AMENDMENT LOT 1 LOUISVILLE WASTEWATER TREATMENT PLANT CASE# PUD-000516-2024

Dewatering Building Truck Loading Extension Elevations Page 7 of 7

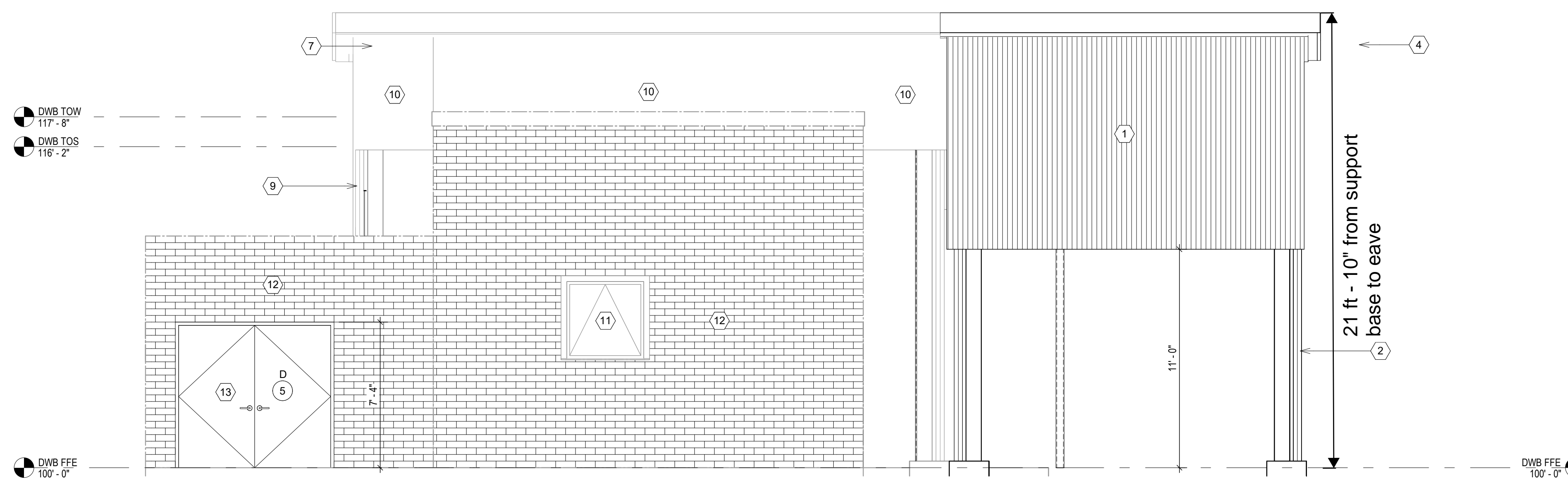
- KEYNOTES:**
- 1 NEW METAL WALL PANELS TO MATCH EXISTING TYPE AND COLOR
 - 2 NEW PEMB RIGID METAL FRAME, RE: STRUCT
 - 3 NEW DOWNSPOUT TO MATCH EXISTING
 - 4 NEW FASCIA AND GUTTER TO MATCH EXISTING
 - 5 NEW METAL ROOF PANELS TO MATCH EXISTING TYPE AND COLOR
 - 6 EXISTING METAL ROOF PANELS
 - 7 EXISTING FASCIA AND GUTTER
 - 8 EXISTING DOWNSPOUT
 - 9 EXISTING PEMB FRAME
 - 10 EXISTING METAL WALL PANELS
 - 11 EXISTING WINDOW
 - 12 EXISTING MASONRY WALL, TYP.
 - 13 NEW HM DOOR IN NEW HM FRAME, RE: STRUCT



Short and Brennan Architects
 One Broadway, Suite A201
 Denver, CO 80203



DEWATERING WEST ELEVATION
 1/4" = 1'-0"



DEWATERING EAST ELEVATION
 1/4" = 1'-0"

ORIGINAL SUBMITTAL - JULY 2, 2024
 REV 1 - SEPTEMBER 18, 2024
 REV 2 - DECEMBER 4, 2024

JVA, Inc. CONSULTING ENGINEERS 1319 Spruce Street Boulder, CO 80502 303.444.1951 www.jva.com Boulder • Fort Collins • Winter Park Glenwood Springs • Denver	STATE OF COLORADO GREGORY T. SHORT ARCHITECT 400008 03/19/24 LICENSED ARCHITECT
DESIGNED BY: CC DRAWN BY: CC CHECKED BY: GS JOB #: 1069.4e DATE: DEC 2024 © JVA, INC.	REVISION DESCRIPTION NO. DATE DESD DWN
LOUISVILLE WWTP SOLIDS HANDLING IMPROVEMENTS LOUISVILLE, COLORADO DEWATERING BUILDING ELEVATIONS	
SHEET NO. A3.3	