

TELLER COUNTY WASTEWATER UTILITY
WASTEWATER TREATMENT PLANT EXPANSION
TELLER COUNTY, CO
JANUARY 2024

CODE STATEMENT

I. APPLICABLE CODES INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:	II. CODE ABSTRACT (CONT.)
A. TELLER COUNTY BUILDING CODE (2015)	B. GENERAL PROPERTY INFORMATION
B. INTERNATIONAL BUILDING CODE (2015)	-LOCATION: 12047 US-24
C. INTERNATIONAL EXISTING BUILDING CODE (2015)	DIVIDE, CO 80814
D. INTERNATIONAL ENERGY CONSERVATION CODE (2009)	-BRIEF LEGAL DESCRIPTION: 5-13-69 PT NE4NW4NW4 AKA SEWAGE WASTE WATER PLANT
E. INTERNATIONAL MECHANICAL CODE (2015)	-TELLER COUNTY PARCEL ID: 3043.052000020
F. INTERNATIONAL FIRE CODE (2003)	-ZONING: A-1
G. INTERNATIONAL PLUMBING CODE (2015)	-OWNER: TELLER COUNTY
H. NATIONAL ELECTRICAL CODE (2017)	-TAX STATUS: POLITICAL/EXEMPT
I. ICC/ANSI A117.1 ACCESSIBILITY STANDARD (2003)	C. BUILDING CONSTRUCTION
	-TOTAL BUILDING AREA: XX SF
	-BUILDING HEIGHT: XX FT
	-# OF LEVELS: 1
	D. BUILDING CODE ANALYSIS
A. SCOPE	-CONSTRUCTION TYPE: II-B
THE PURPOSE OF THIS PROJECT IS TO CONSTRUCT A WASTEWATER TREATMENT PLANT EXPANSION TO TELLER COUNTY'S EXISTING PLANT. EXPANSION INFRASTRUCTURE WILL CONTAIN A HEADWORKS EXPANSION, UNDERGROUND BASINS, A FACILITY HOUSING PROCESS PIPING AND EQUIPMENT, ELECTRICAL COMPONENTS, CHEMICAL STORAGE ALONG WITH A LAB, OFFICE AND SCADA. ASSOCIATED APPURTENANCES INCLUDE UNDERGROUND SERVICE PIPING.	-O.C. CLASSIFICATION: U
	-USE: MUNICIPAL WASTEWATER
	-MAXIMUM HEIGHT: 50 FT
	-MAXIMUM IMPERVIOUS COVERAGE: 25%
	E. EGRESS REQUIREMENTS:
	-OC. LOAD CALCULATION
	TOTAL BUILDING: 1960 SF x 1/100 = 19.6
	-TOTAL EXITS PROVIDED: 3
	-EXITS REQUIRED: 2

LEGEND

EX PROPERTY LINE	EX UTILITY POLE
EX RIGHT-OF-WAY	EX OVERHANGING LIGHT POLE
EX FENCE	EX SIGN
EX WATER LINE	EX VEGETATION (SIZE VARIES)
EX SANITARY SEWER LINE	PP SANITARY SEWER LINE ALIGNMENT
EX O.H. ELECTRIC	PP WATER LINE ALIGNMENT
EX U.G. ELECTRIC LINE	PP WATER METER & SERVICE
EX U.G. GAS LINE	PP CONTOURS-MAJOR
EX U.G. TELEPHONE LINE	PP CONTOURS-MINOR
EX U.G. CABLE LINE	PP FENCE
EX CONTOURS-MAJOR	PP U.G. ELECTRIC LINE
EX CONTOURS-MINOR	PP FIRE HYDRANT
EX FIRE HYDRANT	PP WATER LINE FITTING
EX WATER VALVE	PP WATER VALVE
EX WATER MANHOLE	PP WELL
EX SANITARY SEWER MANHOLE	PP SPOT ELEVATION
EX TELEPHONE MANHOLE	
EX STORM SEWER MANHOLE	
EX GAS METER	
EX LIGHT POLE	

SURVEY DATA

TOPOGRAPHIC SURVEY CONDUCTED BY RAMPART SURVEYS, LLC (DATED 08/08/22). SEE SURVEY FOR ESTABLISHED CONTROL. SURVEY DATA ALONG WITH THE FOLLOWING COORDINATE SYSTEM AND DATUM RECORD IS AS FOLLOWS:

PROJECT BENCHMARK: ALL ELEVATIONS DERIVED FROM OPUS SOLUTION NAVD88 VERTICAL DATUM. BASE STATION 99 ELEV=9023.10'

SITE BENCHMARK: SURVEY CONTROL POINTS AND FOUND MONUMENTS AS SHOWN HEREIN

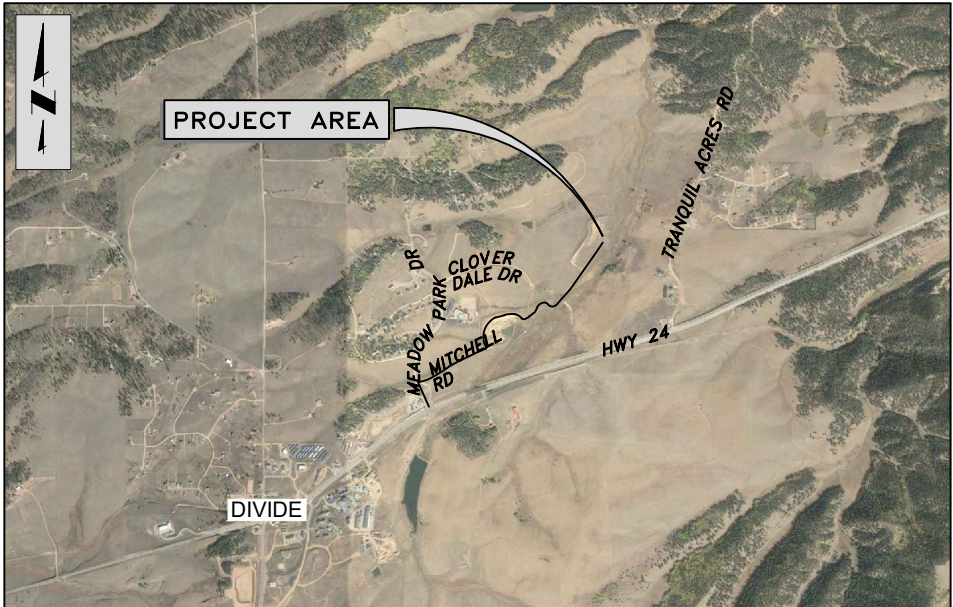
ALL ELEVATIONS NOTED AT MONUMENTS ARE THE ELEVATION OAT THE TOP OF THE MONUMENT

ALL LINEAL UNITS DEPICTED ON THIS TOPOGRAPHIC MAP ARE U.S. SURVEY FEET

PROPERTY LINES AS DEPICTED ON THIS TOPOGRAPHIC MAP ARE BASED ON LOT DIMENSIONS AS DESCRIBED IN WARRANTY DEED 431555 PREPARED ON MARCH 31, 1995, RECORDED IN THE OFFICE OF THE TELLER COUNTY CLERK AND RECORDER

UTILITIES SHOWN WITHIN THE SURVEY HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION, EXISTING DRAWINGS AND/OR UTILITY LOCATE MARKINGS. THE SURVEYOR NOR ENGINEER MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR AND ENGINEER FURTHER DO 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 THE INFORMATION AVAILABLE.

PRELIMINARY



VICINITY MAP
N.T.S.

PRE-EXCAVATION CHECKLIST

- Gas and Other Utility Lines Shown on Construction Plans
- Utility Notification Center of Colorado (UNCC) Call at Least Two (2) Business Days Ahead 1-800-922-1987
- Utilities Located & Marked on the Ground
- Employees Briefed on Marking and Color Codes
- Employees Trained on Excavation and Safety Procedures for Natural Gas Lines
- When Excavation Approaches Gas Lines, Employees Must Expose Lines by Careful Probing and Hand-Digging

COLOR CODE
For Marking Underground Utility Lines

- Proposed Excavation
- Temporary Survey Markings
- Electric
- Gas, Oil, Steam
- Communication, CATV
- Potable Water
- Irrigation, Reclaimed Water, Slurry Lines
- Sewer



Colorado Springs, CO
5540 Tech Center Dr., Suite 100
Colorado Springs, CO 80919
Phone: 719.227.0072
www.respec.com

THE PARTIES RESPONSIBLE FOR THIS PLAN HAVE FAMILIARIZED THEMSELVES WITH ALL CURRENT ACCESSIBILITY CRITERIA AND SPECIFICATION AND THE PROPOSED PLAN REFLECTS ALL SITE ELEMENTS REQUIRED BY THE APPLICABLE ADA DESIGN STANDARDS AND GUIDELINES AS PUBLISHED BY THE UNITED STATES DEPARTMENT OF JUSTICE. APPROVAL OF THIS PLAN BY JURISDICTIONAL AGENCIES DOES NOT ASSURE COMPLIANCE WITH THE ADA OR ANY OTHER FEDERAL OR STATE ACCESSIBILITY LAWS OR ANY REGULATIONS OR GUIDELINES ENACTED OR PROMULGATED UNDER OR WITH RESPECT TO SUCH LAWS.

PARTICIPANTS

OWNER
TELLER COUNTY WASTEWATER UTILITY
P.O. BOX 805
DIVIDE, CO 80814
CONTACT: FRED CLIFFORD
PHONE: (719) 687-8812

DRAINAGE
TELLER COUNTY

ELECTRIC
CORE ELECTRIC

CONSULTING/DESIGN ENGINEER
RESPEC
5540 TECH CENTER DR, STE 100
COLORADO SPRINGS, CO 80919
CONTACT: DOUG SCHWENKE, PE
PHONE: (719) 227-0072

GAS

WATER
DIVIDE MPC METROPOLITAN DISTRICT

SIGNATURE BLOCKS

TELLER COUNTY PLANNING

TELLER COUNTY PLANNING RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. TELLER COUNTY PLANNING HAS LIMITED ITS SCOPE OF REVIEW ACCORDINGLY.

TELLER COUNTY PLANNING DESIGN APPROVAL

BY

DATE

IN CASE OF ERRORS OR OMISSIONS WITH THE WATER DESIGN AS SHOWN ON THIS DOCUMENT, THE STANDARDS AS DEFINED IN THE "RULES AND REGULATIONS FOR TELLER COUNTY" SHALL RULE. APPROVAL EXPIRES 180 DAYS FROM DESIGN APPROVAL.

OWNER APPROVALS

TELLER COUNTY WASTEWATER UTILITY RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. TELLER COUNTY WASTEWATER UTILITY HAS LIMITED ITS SCOPE OF REVIEW ACCORDINGLY.

TELLER COUNTY WASTEWATER UTILITY DESIGN APPROVAL

BY

DATE

IN CASE OF ERRORS OR OMISSIONS WITH THE WATER DESIGN AS SHOWN ON THIS DOCUMENT, THE STANDARDS AS DEFINED IN THE "RULES AND REGULATIONS FOR TELLER COUNTY" SHALL RULE. APPROVAL EXPIRES 180 DAYS FROM DESIGN APPROVAL.

ENGINEER'S STATEMENT:

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION. SAID DETAILS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE APPLICABLE GOVERNING AGENCIES.

DOUGLAS E. SCHWENKE, P.E. #35711
RESPEC

DATE

W0279.22001
PROJECT NO.

<u>SHEET NO.</u>	<u>TITLE</u>
<u>GENERAL</u>	
G000	COVER
G001	NOTES/ABBREVIATIONS/LEGENDS/SYMBOLS
G002	SHEET INDEX
G003	PROCESS FLOW DIAGRAM
G004	CHEMICAL FEED SCHEMATICS
G600	HYDRAULIC PROFILE - LIQUIDS
G601	HYDRAULIC PROFILE - SOLIDS
<u>CIVIL</u>	
C100	OVERALL SITE PLAN
C101A	PROPOSED SITE PLAN - PHASE 1
C101B	PROPOSED SITE PLAN - PHASE 2
C101C	PROPOSED SITE PLAN - PHASE 3
C102	UTILITY RELOCATION PLAN - DEMOLITION PLAN
C103	UTILITY RELOCATION PLAN - DEMOLITION PLAN
C104	GRADING AND EROSION CONTROL PLAN
C105	ACCESS ROAD PLAN
C106	ACCESS ROAD PLAN
C107	ACCESS ROAD PLAN
C200	INFLUENT LINE - PLAN AND PROFILE (NEW MANHOLE)
C201	EFFLUENT LINE - PLAN AND PROFILE
C202	STORM SEWER - PLAN AND PROFILE
C500	CIVIL DETAILS
C501	CIVIL DETAILS - ACCESS ROAD CROSS SECTIONS
C502	EROSION CONTROL NOTES AND DETAILS
C503	EROSION CONTROL DETAILS - SEDIMENT CONTROL LOGS
C504	CDOT MANHOLE DETAILS
C505	CDOT INLET DETAIL
<u>PROCESS</u>	
DP001	PROCESS PIPING, VALVE AND EQUIPMENT SCHEDULES
DP110	HEADWORKS PLAN
DP111	SOLIDS HOLDING BLOWERS/SUPPORT BUILDING #1 PLAN
DP120	INFLUENT EQUALIZATION/SOLIDS HOLDING PLAN
DP130	SEQUENCING BATCH REACTORS (SBR) PLAN
DP131	SBR AERATION PLAN
DP140	POST-EQUALIZATION/TERTIARY TREATMENT PLAN
DP150	UV DISINFECTION PLAN
DP160	BLOWER EQUIPMENT PLAN
DP170	CHEMICAL FEED/PLANT WATER PLAN
DP180	SUPPORT BUILDING #2 PLAN
DP310	HEADWORKS SECTION
DP311	SOLIDS HOLDING BLOWERS SECTIONS

<u>SHEET NO.</u>	<u>TITLE</u>
<u>PROCESS CONTINUED</u>	
DP312	SUPPORT BUILDING #1 SECTIONS
DP321	INFLUENT EQUALIZATION SECTIONS
DP322	SOLIDS HOLDING SECTIONS
DP330	SEQUENCING BATCH REACTORS SECTIONS
DP331	SEQUENCING BATCH REACTORS SECTIONS
DP332	SEQUENCING BATCH REACTORS SECTIONS
DP340	TERTIARY TREATMENT SECTIONS
DP341	POST-EQUALIZATION SECTIONS
DP350	UV DISINFECTION SECTIONS
DP360	BLOWER EQUIPMENT SECTIONS
DP370	CHEMICAL FEED SECTIONS
DP371	PLANT WATER SECTIONS
DP380	SUPPORT BUILDING #2 SECTIONS
DP510	HEADWORKS DETAILS
DP511	SOLIDS HOLDING BLOWERS/SUPPORT BUILDING #1 DETAILS
DP520	INFLUENT EQUALIZATION/SOLIDS HOLDING DETAILS
DP530	SEQUENCING BATCH REACTORS (SBR) DETAILS
DP540	POST-EQUALIZATION/TERTIARY TREATMENT DETAILS
DP550	UV DISINFECTION DETAILS
DP590	MISCELLANEOUS PROCESS DETAILS
<u>ARCHITECTURAL</u>	
A001	TELLER COUNTY WWTF EXPANSION CONCEPT
A002	SUPPORT BUILDING #2 DOOR AND WINDOW SCHEDULE
A110	HEADWORKS ARCHITECTURAL FLOOR PLAN
A111	SOLIDS HOLDING BLOWERS/SUPPORT BUILDING #1 ARCHITECTURAL
A180	SUPPORT BUILDING #2 FLOOR PLAN
A181	SUPPORT BUILDING #2 FLOOR PLAN
A182	SUPPORT BUILDING #2 ROOFING PLAN
A183	SUPPORT BUILDING #2 ROOFING PLAN
A210	HEADWORKS ARCHITECTURAL ELEVATIONS
A211	SOLIDS HOLDING BLOWERS/SUPPORT BUILDING #1 ELEVATIONS
A280	SUPPORT BUILDING #2 ELEVATIONS
A281	SUPPORT BUILDING #2 ELEVATIONS
A510	SUPPORT BUILDING #1 ARCHITECTURAL DETAILS
A581	SUPPORT BUILDING #1 ARCHITECTURAL DETAILS
A582	SUPPORT BUILDING #1 ARCHITECTURAL DETAILS
<u>STRUCTURAL</u>	
S001	STRUCTURAL NOTES
S100	HEADWORKS CATWALK PLAN
S101	SEQUENCING BATCH REACTOR CATWALK PLAN
S110	HEADWORKS FOUNDATION PLAN

<u>SHEET NO.</u>	<u>TITLE</u>
<u>STRUCTURAL CONTINUED</u>	
S130	SEQUENCING BATCH REACTOR FOUNDATION PLAN
S140	POST-EQUALIZATION/TERTIARY TREATMENT FOUNDATION PLAN
S150	UV DISINFECTION FOUNDATION PLAN
S180	SUPPORT BUILDING #2 FOUNDATION PLAN
S310	HEADWORKS FOUNDATION SECTIONS
S311	HEADWORKS BUILDING SECTIONS
S330	SEQUENCING BATCH REACTOR SECTIONS
S331	SEQUENCING BATCH REACTOR SECTIONS
S340	POST-EQUALIZATION/TERTIARY TREATMENT SECTIONS
S350	UV DISINFECTION FOUNDATION SECTIONS
S380	SUPPORT BUILDING #2 FOUNDATION SECTIONS
S381	SUPPORT BUILDING #2 BUILDING SECTIONS
S382	SUPPORT BUILDING #2 BUILDING SECTIONS
S383	SUPPORT BUILDING #2 BUILDING SECTIONS
S500	STRUCTURAL DETAILS
S501	STRUCTURAL DETAILS
S502	STRUCTURAL DETAILS
S503	STRUCTURAL DETAILS
S504	STRUCTURAL DETAILS
S505	CATWALK STAIR SECTIONS
S506	CATWALK STRUCTURAL DETAILS

MECHANICAL

PLUMBING

ELECTRICAL

INSTRUMENTATION AND CONTROL

BOLDED SHEETS ARE PROVIDED FOR PRELIMINARY REVIEW ON 01/12/2024.

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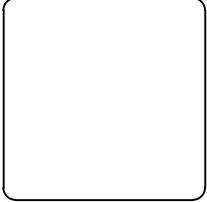
TELLER COUNTY

WASTEWATER TREATMENT PLANT EXPANSION

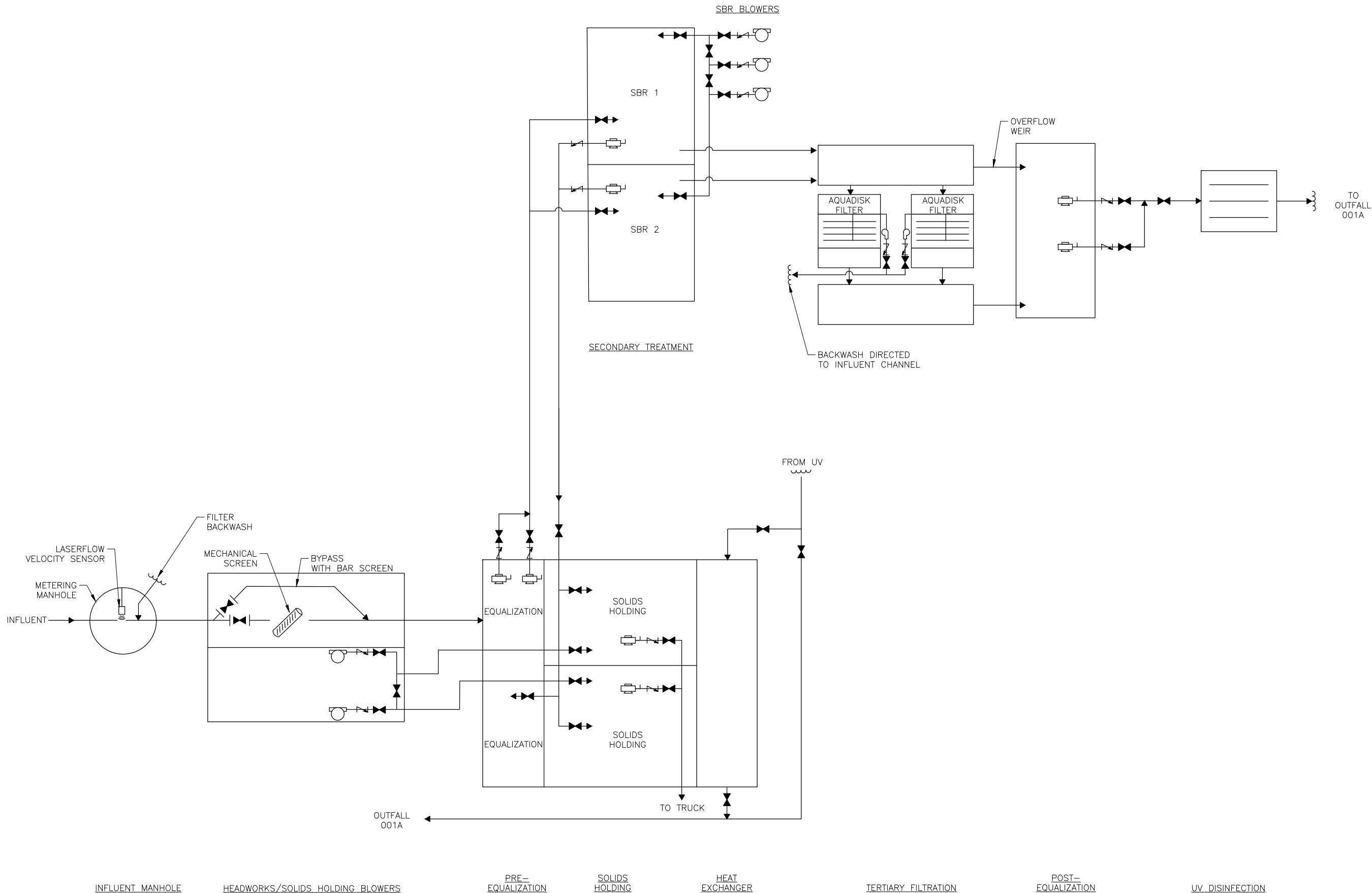
SHEET INDEX

NO.	DESCRIPTION	BY	APP.	DATE
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PRELIMINARY



Proj.#: 279.22001
Date: 01/09/2024
Design: JCS
Drawn: JRC
Check: JCS



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TELLER COUNTY
WASTEWATER TREATMENT PLANT EXPANSION
PROCESS FLOW DIAGRAM

REVISIONS			
NO.	DESCRIPTION	BY	DATE
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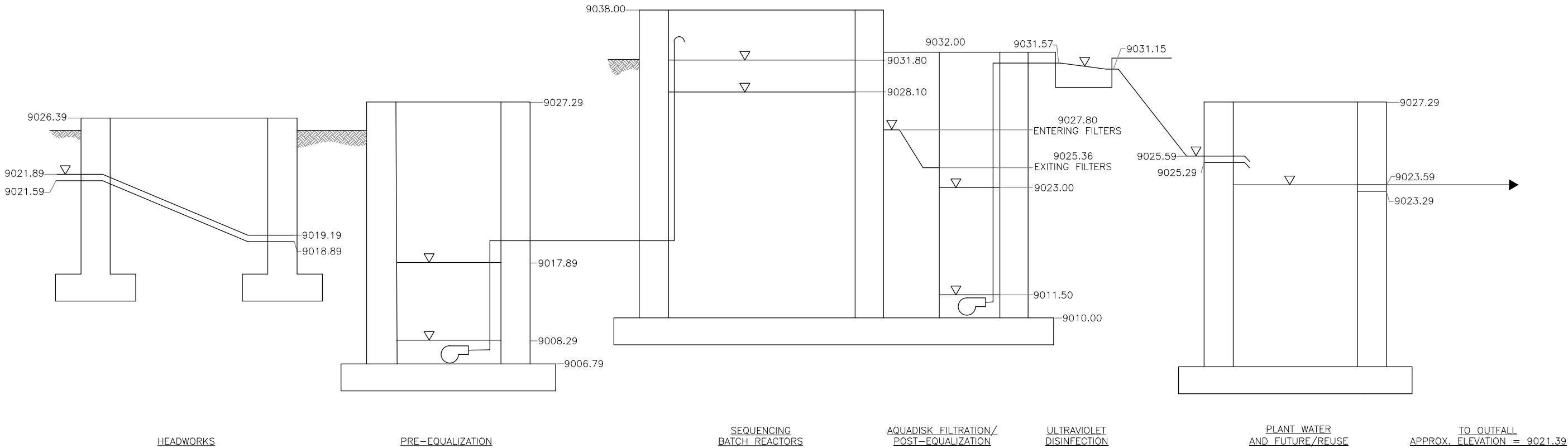
PRELIMINARY

Proj.#: 279.22001
Date: 01/08/2024
Design: JCS
Drawn: JRC
Check: JCS

G003
SHEET OF


2024/01/11 2:25 PM By: Jack Costello N:\Projects\W0279.22001-Teller County Wastewater Utility - WWTP Expansion\W0279.22001 TCWU- WWTP Expansion\06_CAD\Working\BAR\DOES\NOT MEASURE ONE INCH, SCALE OF PAPER DRAWING HAS BEEN ALTERED 1"

DRAFT



NOT TO SCALE

NOTE:
1. UNITS ARE LISTED IN ELEVATION FEET



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TELLER COUNTY

WASTEWATER TREATMENT PLANT EXPANSION

HYDRAULIC PROFILE – LIQUIDS

REVISIONS			
NO.	DESCRIPTION	BY	DATE
1			
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PRELIMINARY

Proj.#: 279.22001

Date: 01/08/2024

Design: JCS

Drawn: JRC

Check: JCS

G600

SHEET OF

2024/01/12 3:47 PM By: Kathy Nieto N:\Projects\w0279.22001-teller County Wastewater Utility - Wwtp Expansion\w0279.22001 Tcwu-wwtp Expansion\06_CAD\Working\2-Civil\C100.dwg 1" IF BAK DOES NOT MEASURE ONE INCH SCALE OF THIS DRAWING HAS BEEN ALTERED

NOTES:

1. ADJACENT PROPERTY LINES ARE NOT ACCURATE, SHOWN FOR REFERENCE PURPOSES ONLY.

2. PROPOSED BUILDING SITE IS LOCATED OUTSIDE OF FLOODPLAIN (SEE FEMA FLOODPLAIN MAP).

3. UTILITIES NOT SHOWN ON THIS SHEET FOR CLARITY.

PARCEL

3043.052000020

BRIEF LEGAL DESCRIPTION: 5-13-69 PT NE4NW4NW4 AKA SEWAGE WASTE WATER PLANT

OWNER: TELLER COUNTY

MAILING ADDRESS: PO BOX 959, CRIPPLE CREEK, CO 80813

PHYSICAL ADDRESS: 12047 US 24, DIVIDE, CO 80814

CONTACT: FRED CLIFFORD

CliffordF@co.teller.co.us (EM)

719-687-8812 (PHONE)

TAX STATUS: EXEMPT

ZONING: A-1

AREA: 43,560 SF (1 AC)

LEGEND

—X—

EX FENCE

—W—

EX WATER LINE

—SS—

EX SANITARY SEWER

—UGE—

EX UG ELECTRIC LINE

EX ELEC POWER POLE

EX FIRE HYDRANT

EX SURVEY CONTROL POINT

—7385—

EX CONTOURS-MAJOR

—7385—

EX CONTOURS-MINOR

—7385—

PP CONTOURS-MAJOR

—7385—

PP CONTOURS-MINOR

—UGE—

PP UG ELECTRIC LINE

—PP SEWER LINE—

PP SEWER LINE

—PP VEHICLE TRAFFIC CIRCULATION PATH—

PP VEHICLE TRAFFIC CIRCULATION PATH

SITE

12047 US-24, DIVIDE, CO 80814

CLOVER DALE LN

TRANQUIL ACRES RD

VICINITY MAP

SCALE: N.T.S.

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TELLER COUNTY

WASTEWATER TREATMENT PLANT EXPANSION

FACILITY BUILDOUT – CONCEPT DESIGN

NO.	REVISIONS		DATE
	DESCRIPTION	BY	
1			
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EXHIBIT

Proj.#: 279.22001

Date: 1/10/2024

Design: JCS

Drawn: JRC/KN

Check: JCS

C100

SHEET 1 OF 3

2024/01/12 3:57 PM By: Kathy Nieto N:\Projects\w0279.22001--teller County Wastewater Utility - Wwtp Expansion\w0279.22001 Tcwu-wwtp Expansion\06_CAD\Working\2--Civil\C100.dwg

IF BAR DOES NOT MEASURE ONE INCH, SCALE OF THIS DRAWING HAS BEEN ALTERED

NOTES:

1. ADJACENT PROPERTY LINES ARE NOT ACCURATE, SHOWN FOR REFERENCE PURPOSES ONLY.

2. PROPOSED BUILDING SITE IS LOCATED OUTSIDE OF FLOODPLAIN (SEE FEMA FLOODPLAIN MAP).

3. UTILITIES NOT SHOWN ON THIS SHEET FOR CLARITY.

PARCEL

3043.052000020

BRIEF LEGAL DESCRIPTION: 5-13-69 PT NE4NW4NW4 AKA SEWAGE WASTE WATER PLANT

OWNER: TELLER COUNTY

MAILING ADDRESS: PO BOX 959, CRIPPLE CREEK, CO 80813

PHYSICAL ADDRESS: 12047 US 24, DIVIDE, CO 80814

CONTACT: FRED CLIFFORD

CliffordF@co.teller.co.us (EM)

719-687-8812 (PHONE)

TAX STATUS: EXEMPT

ZONING: A-1

AREA: 43,560 SF (1 AC)

LEGEND

—X—

EX FENCE

—W—

EX WATER LINE

—SS—

EX SANITARY SEWER

—UGE—

EX UG ELECTRIC LINE

EX ELEC POWER POLE

EX FIRE HYDRANT

EX SURVEY CONTROL POINT

—7385—

EX CONTOURS-MAJOR

—7385—

EX CONTOURS-MINOR

—7385—

PP CONTOURS-MAJOR

—7385—

PP CONTOURS-MINOR

—UGE—

PP UG ELECTRIC LINE

====

PP SEWER LINE

PP VEHICLE TRAFFIC CIRCULATION PATH

SITE

12047 US-24, DIVIDE

CO 80814

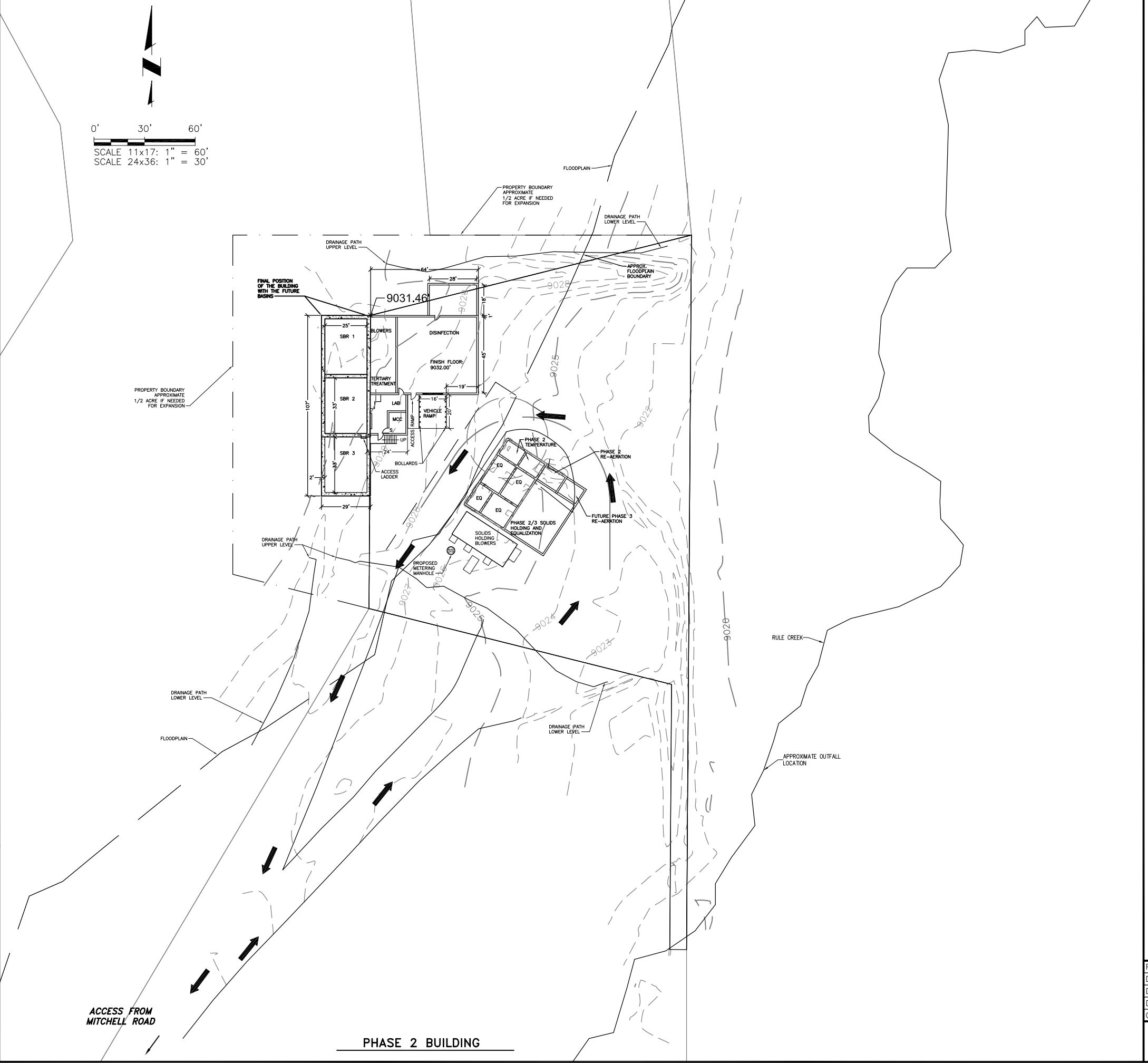
CLOVER DALE LN

TRANQUIL ACRES RD

HWY 24

VICINITY MAP

SCALE: N.T.S.



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TELLER COUNTY

WASTEWATER TREATMENT PLANT EXPANSION

FACILITY BUILDOUT - CONCEPT DESIGN

NO.	DESCRIPTION	REVISIONS	BY	APP.	DATE
1					
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EXHIBIT

Proj.#: 279.22001

Date: 1/10/2024

Design: JCS

Drawn: JRC/KN

Check: JCS

C101

SHEET 2 OF 3

2024/01/12 3:56 PM By: Kathy Nieto N:\Projects\w0279.22001-teller County Wastewater Utility - Wwtp Expansion\w0279.22001 Tcwu-wwtp Expansion\06_CAD\Working\2-Civil\C100.dwg

IF BAR DOES NOT MEASURE ONE INCH, SCALE OF THIS DRAWING HAS BEEN ALTERED

- NOTES:
1. ADJACENT PROPERTY LINES ARE NOT ACCURATE, SHOWN FOR REFERENCE PURPOSES ONLY.
 2. PROPOSED BUILDING SITE IS LOCATED OUTSIDE OF FLOODPLAIN (SEE FEMA FLOODPLAIN MAP).
 3. UTILITIES NOT SHOWN ON THIS SHEET FOR CLARITY.

PARCEL
3043.052000020

BRIEF LEGAL DESCRIPTION: 5-13-69 PT NE4NW4NW4 AKA
SEWAGE WASTE WATER PLANT
OWNER: TELLER COUNTY
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PHYSICAL ADDRESS: 12047 US 24, DIVIDE, CO 80814
CONTACT: FRED CLIFFORD
CliffordF@co.teller.co.us (EM)
719-687-8812 (PHONE)
TAX STATUS: EXEMPT
ZONING: A-1
AREA: 43,560 SF (1 AC)

LEGEND

- | | |
|--|-------------------------------------|
| | PROPERTY LINE |
| | EX FENCE |
| | EX WATER LINE |
| | EX SANITARY SEWER |
| | EX UG ELECTRIC LINE |
| | EX ELEC POWER POLE |
| | EX FIRE HYDRANT |
| | EX SURVEY CONTROL POINT |
| | EX CONTOURS-MAJOR |
| | EX CONTOURS-MINOR |
| | PP CONTOURS-MAJOR |
| | PP CONTOURS-MINOR |
| | PP UG ELECTRIC LINE |
| | PP SEWER LINE |
| | PP VEHICLE TRAFFIC CIRCULATION PATH |



0' 30' 60'
SCALE 11x17: 1" = 60'
SCALE 24x36: 1" = 30'

PROPERTY BOUNDARY
APPROXIMATE
1/2 ACRE IF NEEDED
FOR EXPANSION

DRAINAGE PATH
LOWER LEVEL

FLOODPLAIN

ACCESS FROM
MITCHELL ROAD

PHASE 3 BUILDING

FLOODPLAIN

PROPERTY BOUNDARY
APPROXIMATE
1/2 ACRE IF NEEDED
FOR EXPANSION

DRAINAGE PATH
LOWER LEVEL

RULE CREEK

APPROXIMATE OUTFALL
LOCATION

TELLER COUNTY
WASTEWATER TREATMENT PLANT EXPANSION
FACILITY BUILDOUT - CONCEPT DESIGN

NO.	REVISIONS		DATE
	DESCRIPTION	BY	
1			
2			
3			
4			
5			
6			
7			

EXHIBIT

Proj.#: 279.22001
Date: 1/10/2024
Design: JCS
Drawn: JRC/KN
Check: JCS

C102
SHEET 3 OF 3

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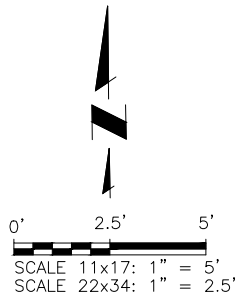
RESPEC

DP 110
ET OF

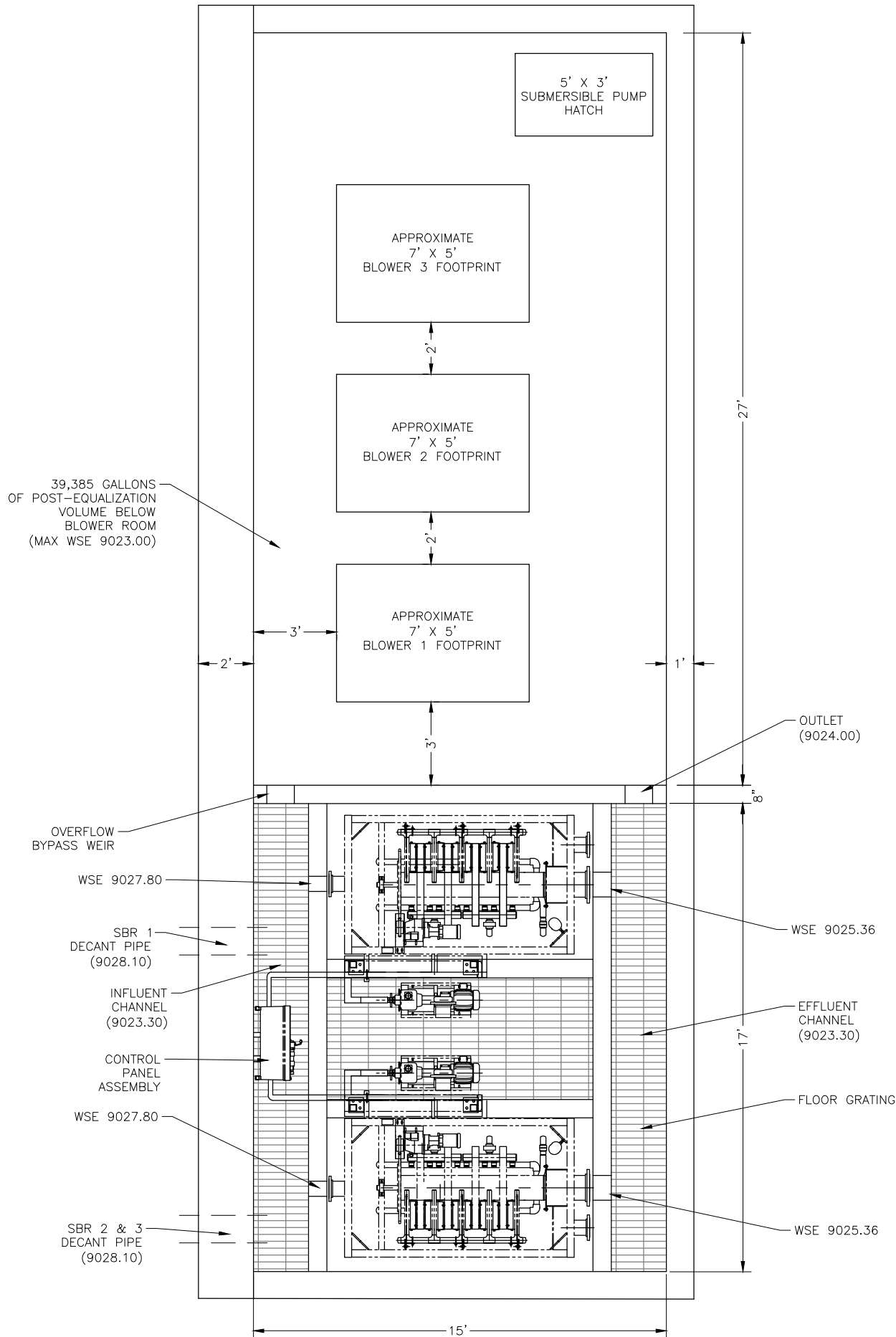
N:\Projects\W0279.22001-Teller County Wastewater Utility - WWTP Expansion\W0279.22001_TCWU-WWTP Expansion\06_CAD\Working\5-Process\W0279.22001_Plan\DWG\W0279.22001_Plan.dwg 2024/01/11 2:20 PM By: Jack Costello

1" = 5'

NOT MEASURE ONE INCH
OF THIS DRAWING HAS BEEN ALTERED



DRAFT



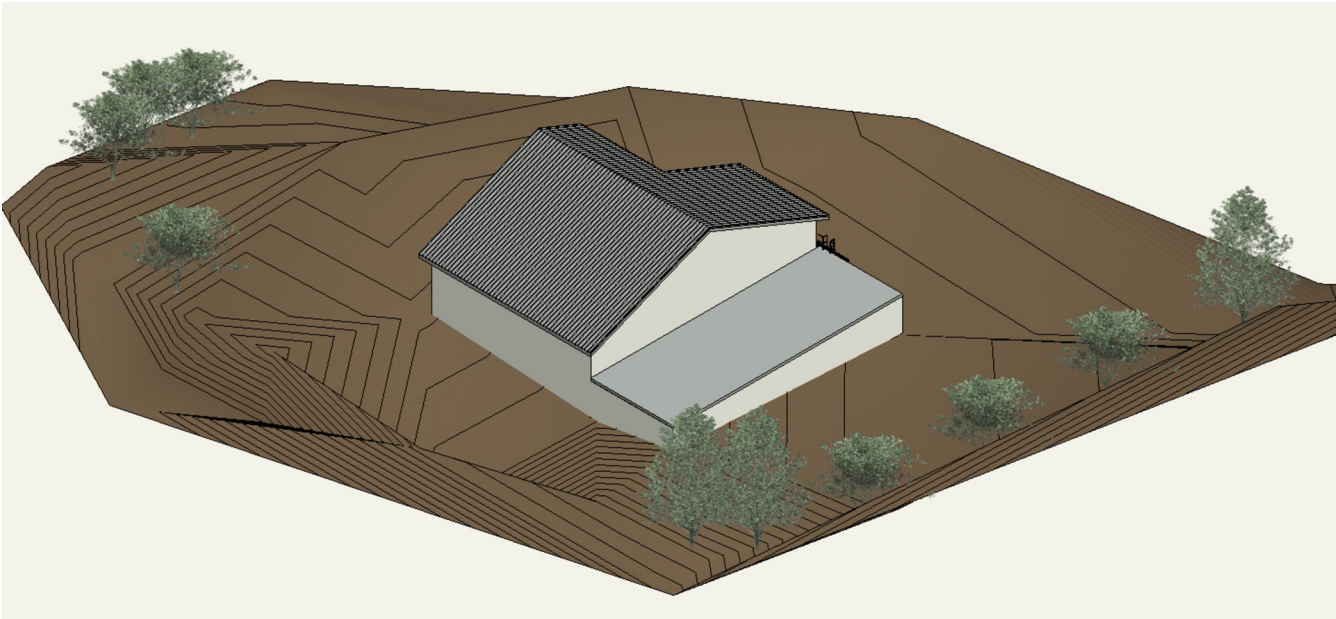
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Colorado Springs, CO 80919
Phone: 719.227.0072
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TELLER COUNTY
WASTEWATER TREATMENT PLANT EXPANSION
POST-EQUALIZATION/TERTIARY TREATMENT PLAN

REVISIONS				DATE
NO.	DESCRIPTION	BY	APP.	
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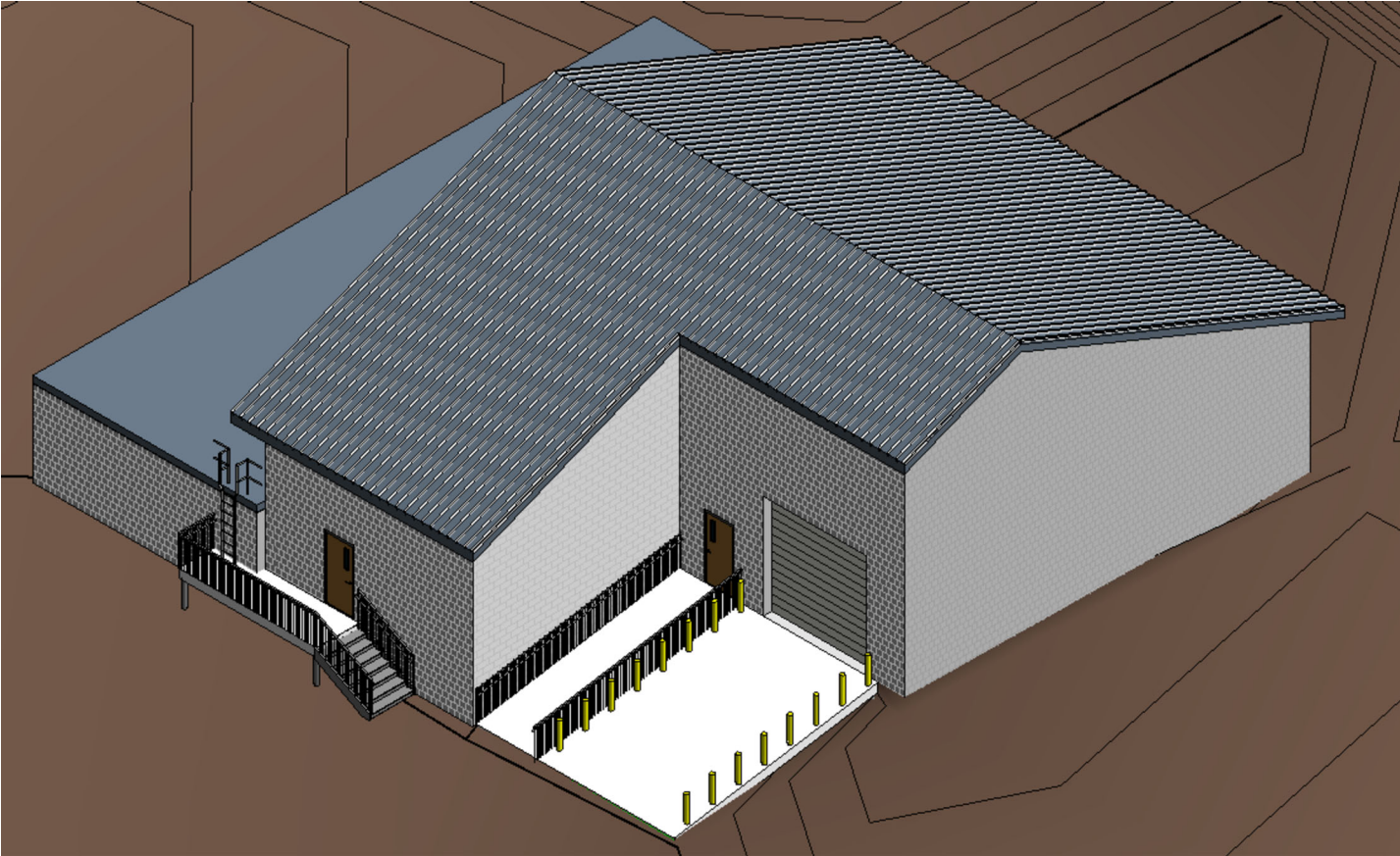
PRELIMINARY

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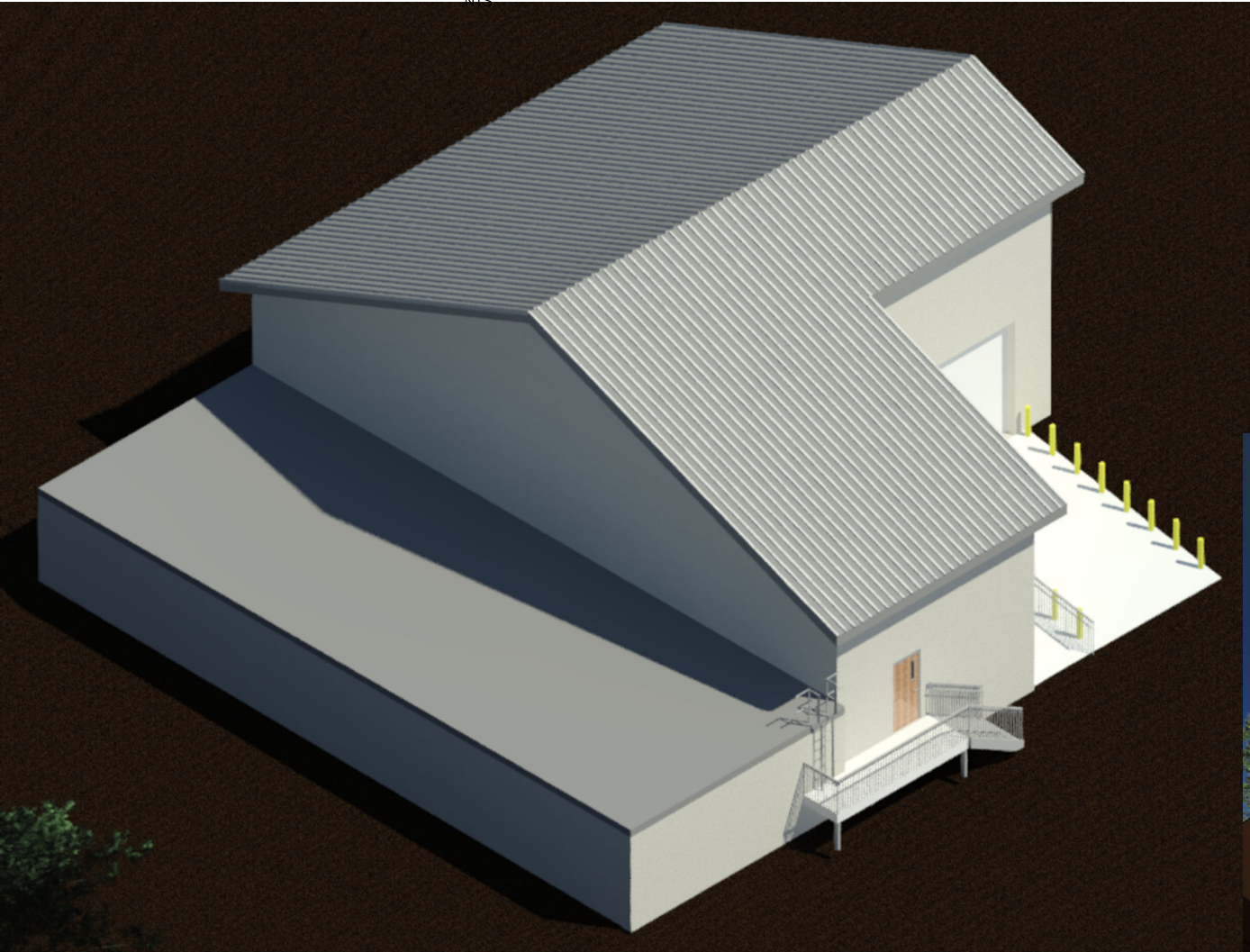
WEST VIEW FUTURE BUILDING

NTS.



SOUTHEAST VIEW FUTURE BUILDING

NTS.



SOUTHWEST VIEW FUTURE BUILDING

NTS.



SOUTH VIEW FUTURE BUILDING

NTS.

Colorado Springs, CO

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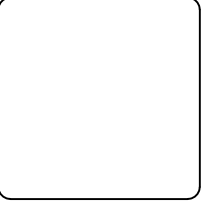
TELLER COUNTY

WASTEWATER TREATMENT PLANT EXPANSION

TCWU WWTF EXPANSION CONCEPT

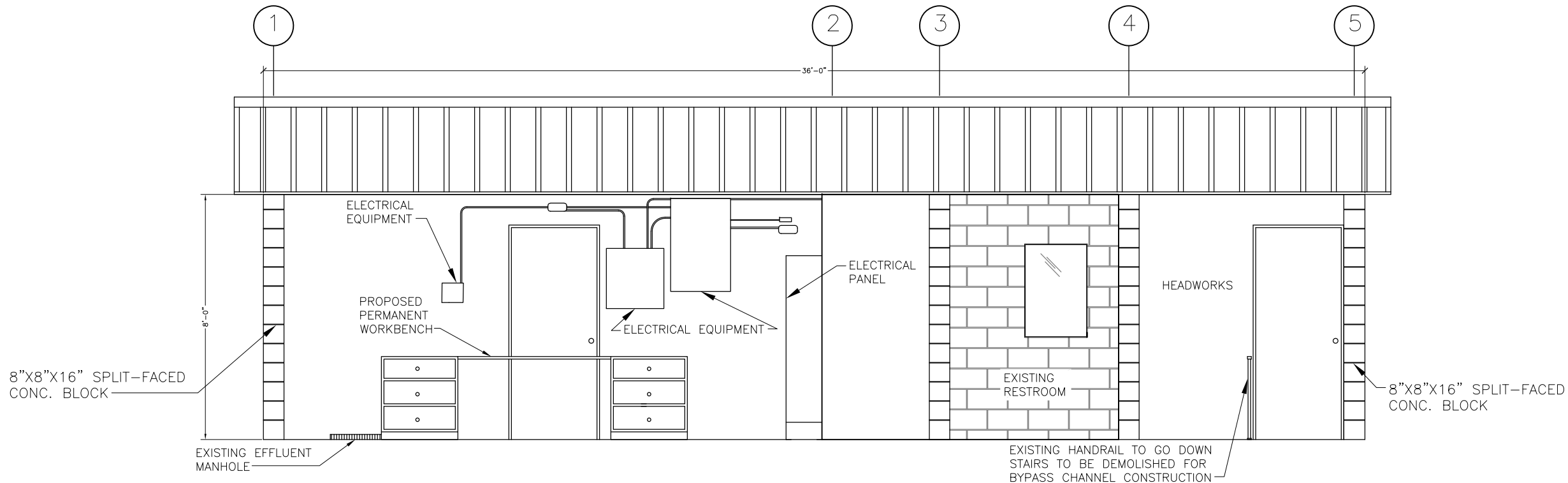
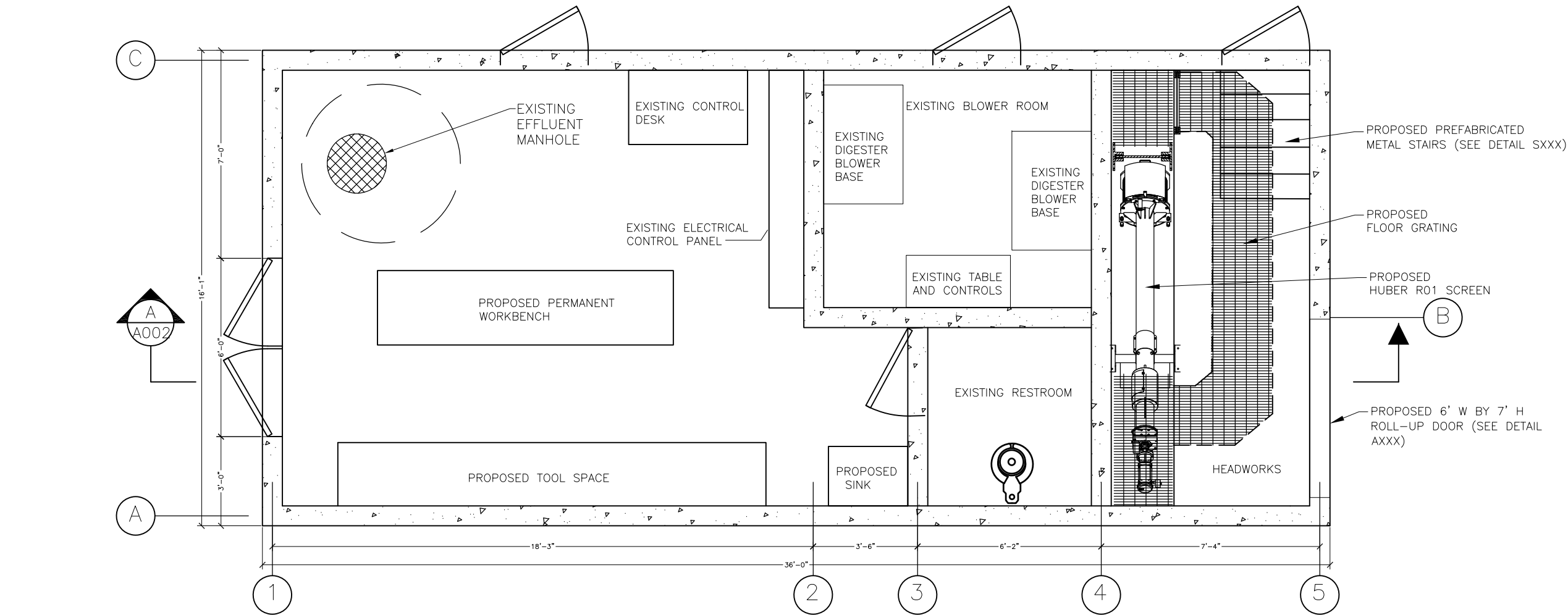
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EXHIBIT



Proj.#: 279.22001
Date: 1/10/2024
Design: JCS
Drawn: KN
Check: JCS

2024/01/12 9:47 AM By: Kathy Nieto N:\Projects\w0279.22001-teller County Wastewater Utility - Wwtp Expansion\w0279.22001 Tcwu-wwtp Expansion\06_CAD\Working\4-Architectural\A001.dwg 1" IF BAR DOES NOT MEASURE ONE INCH SCALE OF THIS DRAWING HAS BEEN ALTERED



A HEADWORKS SECTION A NORTHWEST ELEVATION
A002 SCALE: 1/4" = 1'=0"

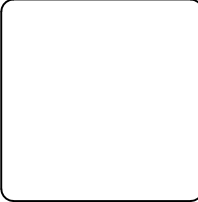
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TELLER COUNTY
WASTEWATER TREATMENT PLANT EXPANSION
SOLID HOLDING BLOWERS/ARCHITECTURAL FLOOR PLAN

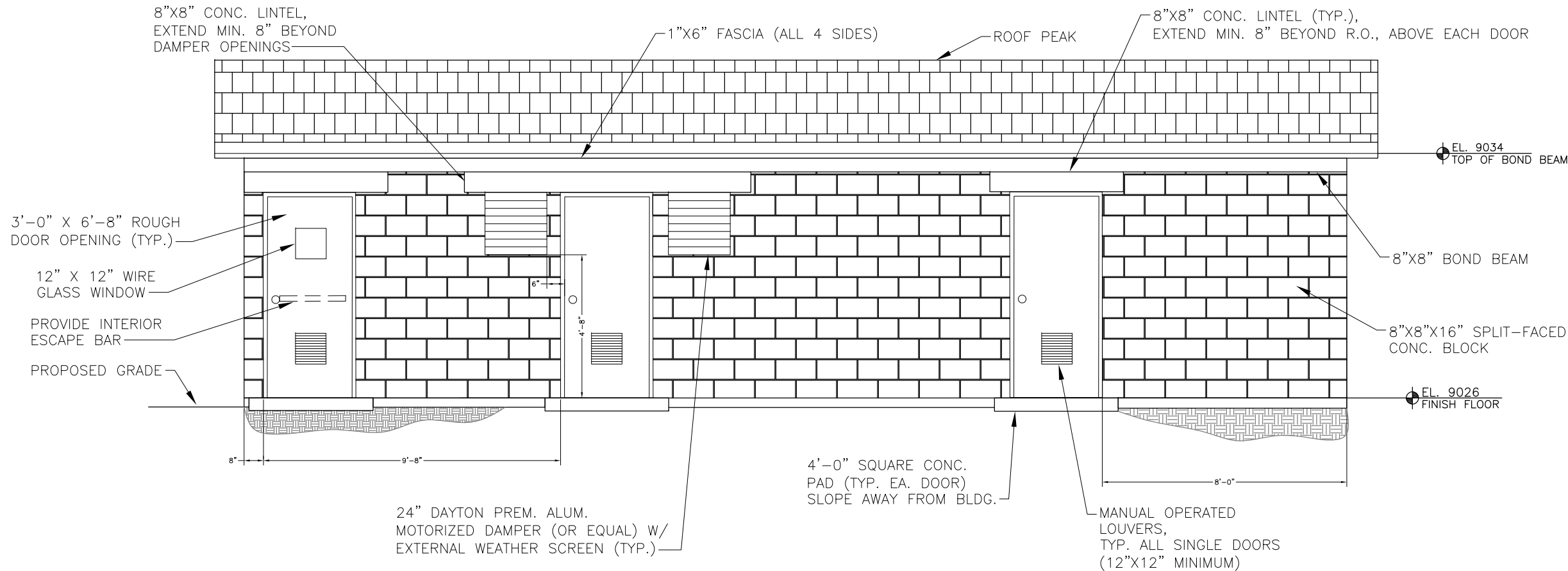
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EXHIBIT



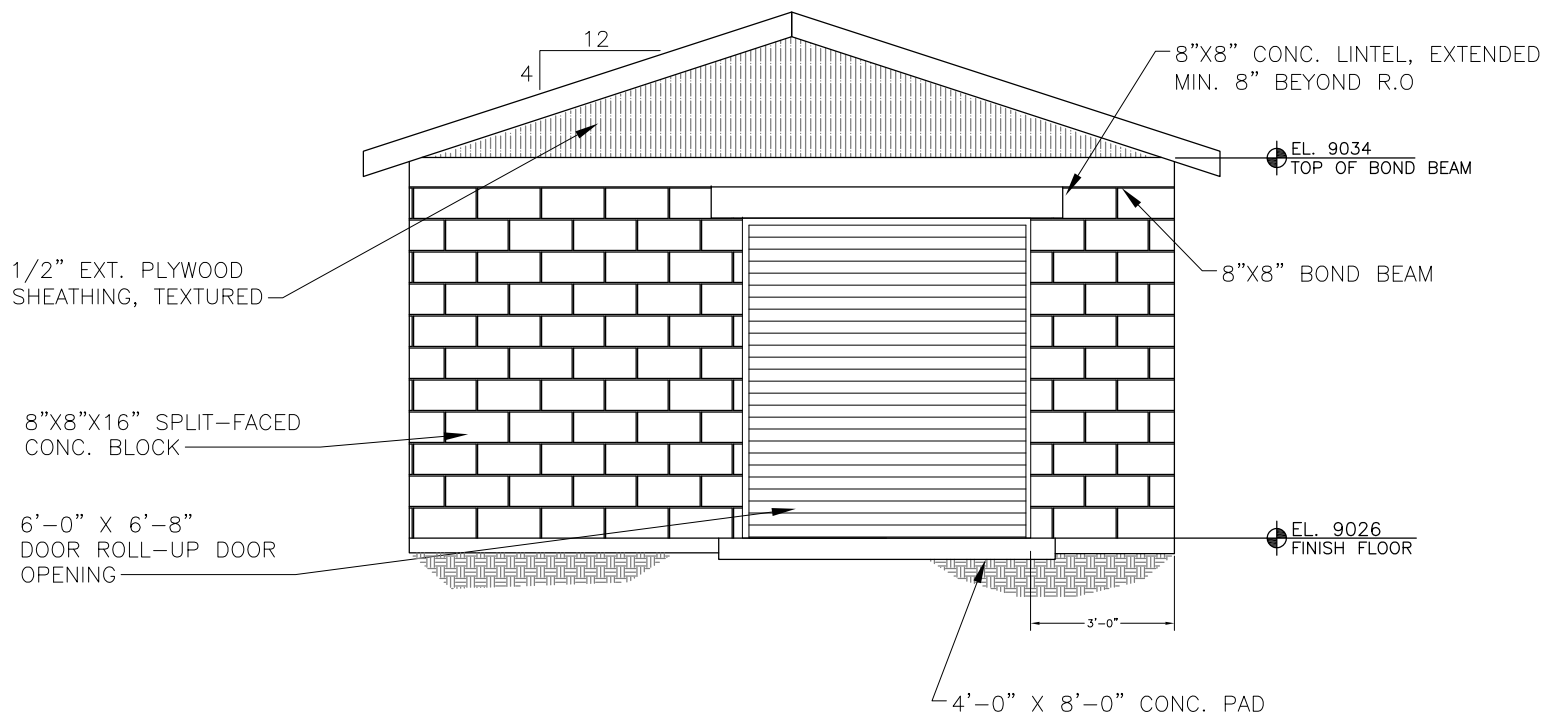
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Date: 1/10/2024
Design: JCS
Drawn: KN
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SOUTHWEST ELEVATION

SCALE: 1/4" = 1'-0"



SOUTHEAST ELEVATION

SCALE: 1/4" = 1'-0"

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TELLER COUNTY
WASTEWATER TREATMENT PLANT EXPANSION
HEADWORKS ARCHITECTURAL ELEVATIONS

NO.	DESCRIPTION	REVISIONS	BY	APP.	DATE
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EXHIBIT

Proj.#: 279.22001
Date: 1/10/2024
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Drawn: KN
Check: JCS

A211

SHEET 3 OF 3