



SHEET NO.	TITLE	SHEET NO.	TITLE	SHEET NO.	TITLE								
<b>GENERAL</b>													
G000	COVER	DP312	SUPPORT BUILDING #1 SECTIONS	S130	SEQUENCING BATCH REACTOR FOUNDATION PLAN								
G001	NOTES/ABBREVIATIONS/LEGENDS/SYMBOLS	DP321	INFLUENT EQUALIZATION SECTIONS	S140	POST-EQUALIZATION/TERTIARY TREATMENT FOUNDATION PLAN								
G002	SHEET INDEX	DP322	SOLIDS HOLDING SECTIONS	S150	UV DISINFECTION FOUNDATION PLAN								
G003	PROCESS FLOW DIAGRAM	DP330	SEQUENCING BATCH REACTORS SECTIONS	S180	SUPPORT BUILDING #2 FOUNDATION PLAN								
G004	CHEMICAL FEED SCHEMATICS	DP331	SEQUENCING BATCH REACTORS SECTIONS	S310	HEADWORKS FOUNDATION SECTIONS								
G600	HYDRAULIC PROFILE - LIQUIDS	DP332	SEQUENCING BATCH REACTORS SECTIONS	S311	HEADWORKS BUILDING SECTIONS								
G601	HYDRAULIC PROFILE - SOLIDS	DP340	TERTIARY TREATMENT SECTIONS	S330	SEQUENCING BATCH REACTOR SECTIONS								
		DP341	POST-EQUALIZATION SECTIONS	S331	SEQUENCING BATCH REACTOR SECTIONS								
<b>CIVIL</b>													
C100	OVERALL SITE PLAN	DP350	UV DISINFECTION SECTIONS	S340	POST-EQUALIZATION/TERTIARY TREATMENT SECTIONS								
C101A	PROPOSED SITE PLAN - PHASE 1	DP360	BLOWER EQUIPMENT SECTIONS	S350	UV DISINFECTION FOUNDATION SECTIONS								
C101B	PROPOSED SITE PLAN - PHASE 2	DP370	CHEMICAL FEED SECTIONS	S380	SUPPORT BUILDING #2 FOUNDATION SECTIONS								
C101C	PROPOSED SITE PLAN - PHASE 3	DP371	PLANT WATER SECTIONS	S381	SUPPORT BUILDING #2 BUILDING SECTIONS								
C102	UTILITY RELOCATION PLAN - DEMOLITION PLAN	DP380	SUPPORT BUILDING #2 SECTIONS	S382	SUPPORT BUILDING #2 BUILDING SECTIONS								
C103	UTILITY RELOCATION PLAN - DEMOLITION PLAN	DP510	HEADWORKS DETAILS	S383	SUPPORT BUILDING #2 BUILDING SECTIONS								
C104	GRADING AND EROSION CONTROL PLAN	DP511	SOLIDS HOLDING BLOWERS/SUPPORT BUILDING #1 DETAILS	S500	STRUCTURAL DETAILS								
C105	ACCESS ROAD PLAN	DP520	INFLUENT EQUALIZATION/SOLIDS HOLDING DETAILS	S501	STRUCTURAL DETAILS								
C106	ACCESS ROAD PLAN	DP530	SEQUENCING BATCH REACTORS (SBR) DETAILS	S502	STRUCTURAL DETAILS								
C107	ACCESS ROAD PLAN	DP540	POST-EQUALIZATION/TERTIARY TREATMENT DETAILS	S503	STRUCTURAL DETAILS								
C200	INFLUENT LINE - PLAN AND PROFILE (NEW MANHOLE)	DP550	UV DISINFECTION DETAILS	S504	STRUCTURAL DETAILS								
C201	EFFLUENT LINE - PLAN AND PROFILE	DP590	MISCELLANEOUS PROCESS DETAILS	S505	CATWALK STAIR SECTIONS								
C202	STORM SEWER - PLAN AND PROFILE	<b>ARCHITECTURAL</b>											
C500	CIVIL DETAILS	A001	TELLER COUNTY WWTF EXPANSION CONCEPT	<b>MECHANICAL</b>									
C501	CIVIL DETAILS - ACCESS ROAD CROSS SECTIONS	A002	SUPPORT BUILDING #2 DOOR AND WINDOW SCHEDULE	<b>PLUMBING</b>									
C502	EROSION CONTROL NOTES AND DETAILS	A110	HEADWORKS ARCHITECTURAL FLOOR PLAN	<b>ELECTRICAL</b>									
C503	EROSION CONTROL DETAILS - SEDIMENT CONTROL LOGS	A111	SOLIDS HOLDING BLOWERS/SUPPORT BUILDING #1 ARCHITECTURAL	<b>INSTRUMENTATION AND CONTROL</b>									
C504	CDOT MANHOLE DETAILS	A180	SUPPORT BUILDING #2 FLOOR PLAN										
C505	CDOT INLET DETAIL	A181	SUPPORT BUILDING #2 FLOOR PLAN										
		A182	SUPPORT BUILDING #2 ROOFING PLAN										
<b>PROCESS</b>													
DP001	PROCESS PIPING, VALVE AND EQUIPMENT SCHEDULES	A183	SUPPORT BUILDING #2 ROOFING PLAN							<b>PRELIMINARY</b>			
DP110	HEADWORKS PLAN	A210	HEADWORKS ARCHITECTURAL ELEVATIONS										
DP111	SOLIDS HOLDING BLOWERS/SUPPORT BUILDING #1 PLAN	A211	SOLIDS HOLDING BLOWERS/SUPPORT BUILDING #1 ELEVATIONS										
DP120	INFLUENT EQUALIZATION/SOLIDS HOLDING PLAN	A280	SUPPORT BUILDING #2 ELEVATIONS										
DP130	SEQUENCING BATCH REACTORS (SBR) PLAN	A281	SUPPORT BUILDING #2 ELEVATIONS										
DP131	SBR AERATION PLAN	A510	SUPPORT BUILDING #1 ARCHITECTURAL DETAILS										
DP140	POST-EQUALIZATION/TERTIARY TREATMENT PLAN	A581	SUPPORT BUILDING #1 ARCHITECTURAL DETAILS										
DP150	UV DISINFECTION PLAN	A582	SUPPORT BUILDING #1 ARCHITECTURAL DETAILS										
DP160	BLOWER EQUIPMENT PLAN	<b>STRUCTURAL</b>											
DP170	CHEMICAL FEED/PLANT WATER PLAN	S001	STRUCTURAL NOTES										
DP180	SUPPORT BUILDING #2 PLAN	S100	HEADWORKS CATWALK PLAN										
DP310	HEADWORKS SECTION	S101	SEQUENCING BATCH REACTOR CATWALK PLAN										
DP311	SOLIDS HOLDING BLOWERS SECTIONS	S110	HEADWORKS FOUNDATION PLAN										

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

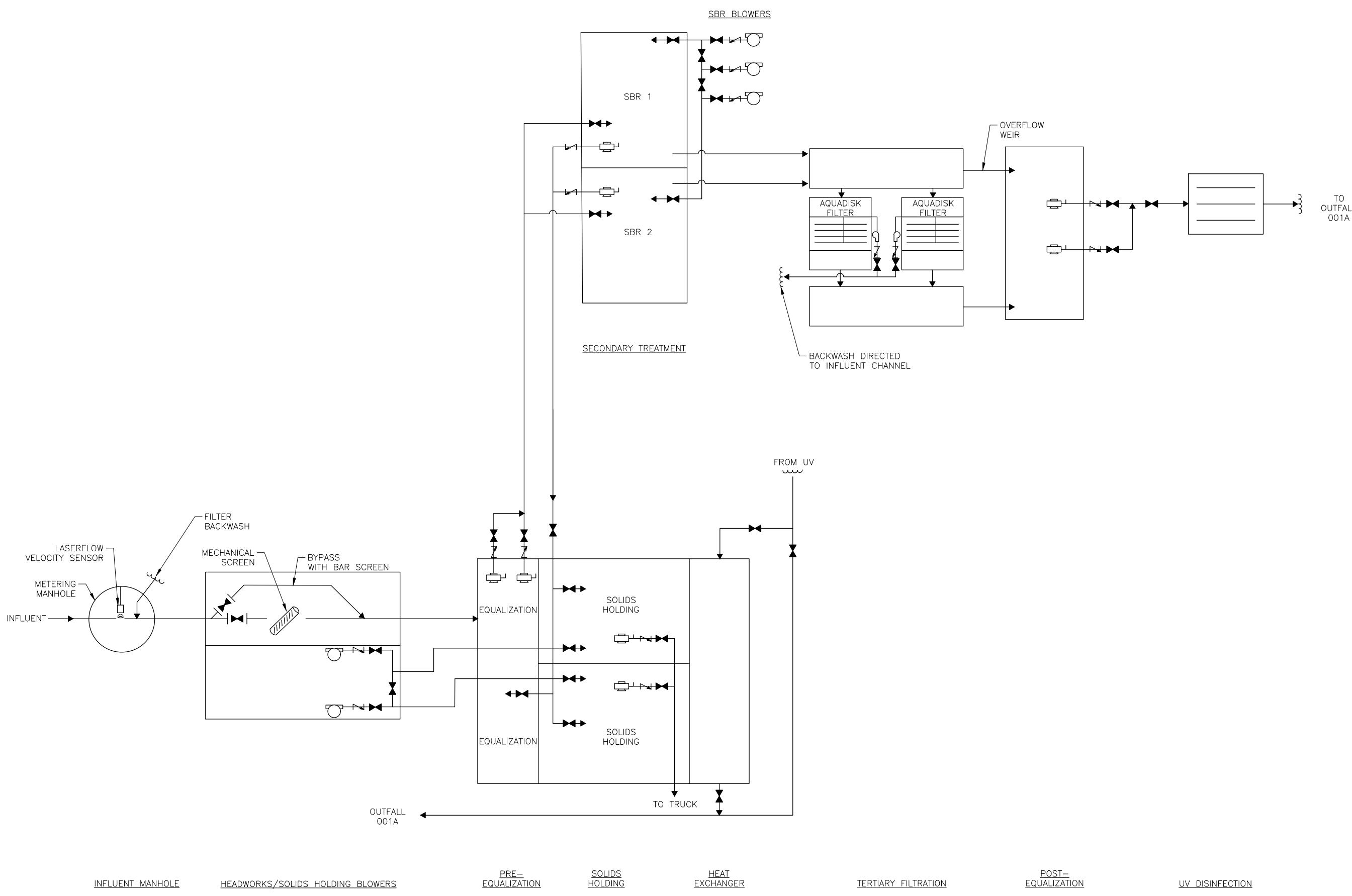


TELLER COUNTY  
WASTEWATER TREATMENT PLANT EXPANSION  
SHEET INDEX

NO.	DESCRIPTION	REVISIONS	BY	AP.	DATE
1					
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Proj. #: 279.22001
Date: 01/09/2024
Design: JCS
Drawn: JRC
Check: JCS

G002  
SHEET OF



POST-EQUALIZATION

UV DISINFECTION

PRE-EQUALIZATION

SOLIDS HOLDING

HEAT EXCHANGER

TERTIARY FILTRATION

INFLUENT MANHOLE

HEADWORKS/SOLIDS HOLDING BLOWERS

SOLIDS

HOLDING

HEAT

POST-EQUALIZATION

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

G003  
SHEET OF

TELLER COUNTY  
WASTEWATER TREATMENT PLANT EXPANSION

PROCESS FLOW DIAGRAM

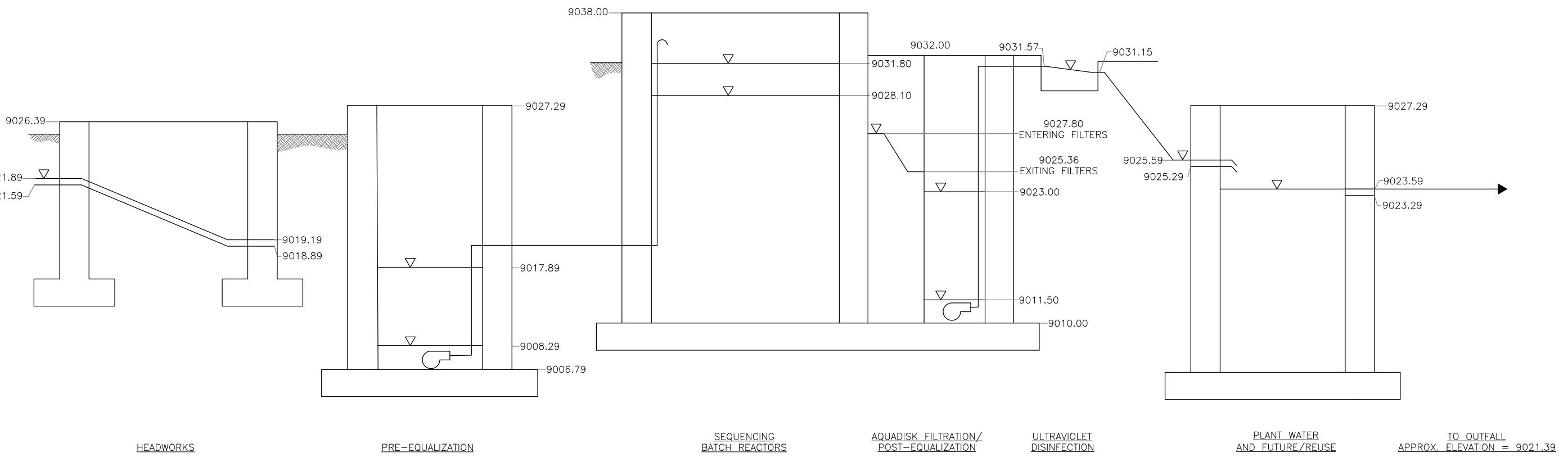
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PRELIMINARY

Colorado Springs, CO  
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# DRAFT



NOTE:  
1. UNITS ARE LISTED IN ELEVATION FEET

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TELLER COUNTY  
WASTEWATER TREATMENT PLANT EXPANSION  
HYDRAULIC PROFILE - LIQUIDS

NO.	DESCRIPTION	BY	APP.	DATE
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PRELIMINARY

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

G600

SHEET OF

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

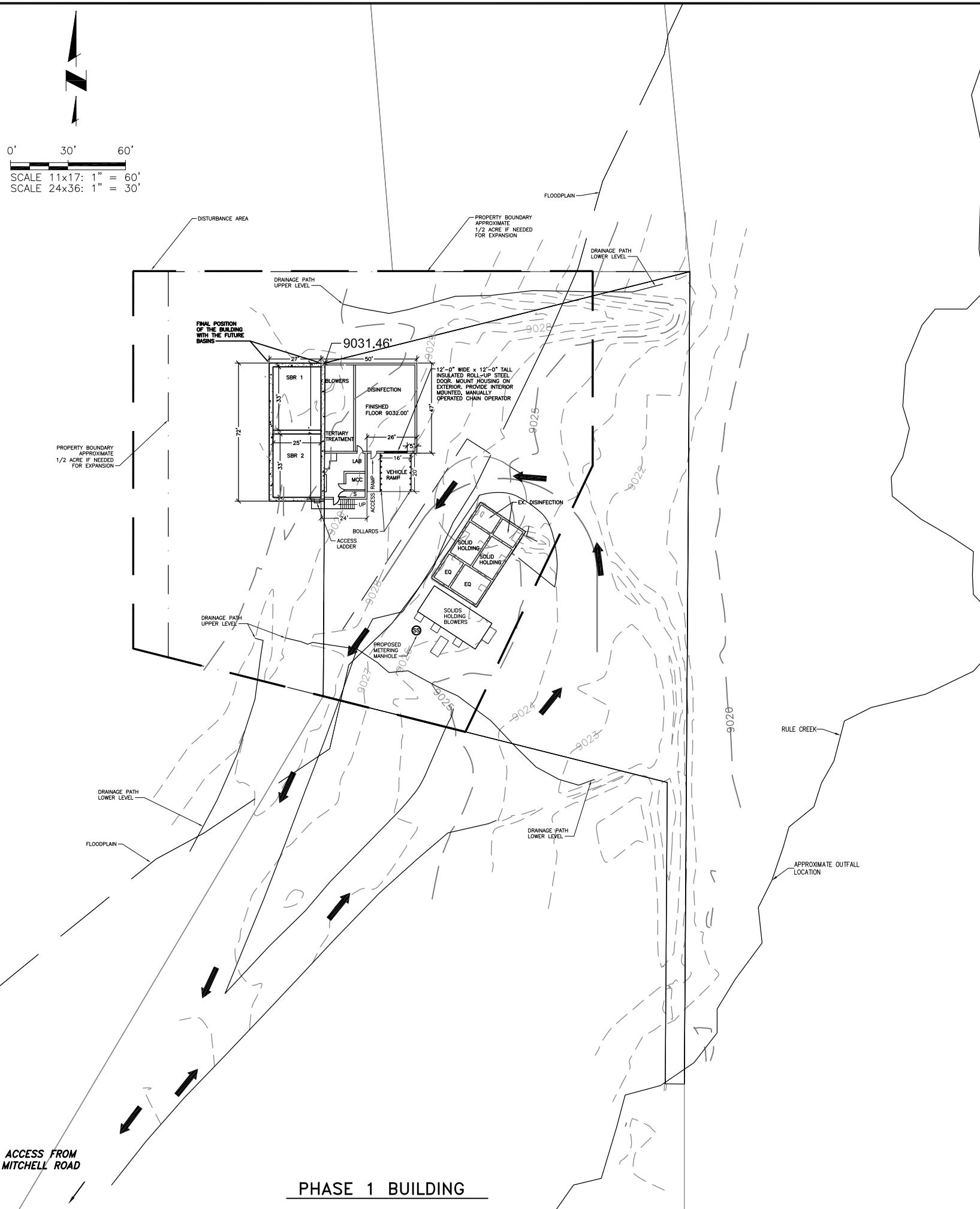
NOTES:

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 Clifford@co.teller.co.us (EM) 719-687-8812 (PHONE) TAX STATUS: EXEMPT ZONING: A-1 AREA: 43,560 SF (1 AC)
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## LEGEND

— X —	PROPERTY LINE
— W —	EX FENCE
— SS —	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
— — —	EX CONTOURS-MINOR
— 7385 —	PP CONTOURS-MAJOR
— — —	PP CONTOURS-MINOR
— UGE —	PP UG ELECTRIC LINE
	PP SEWER LINE
	PP VEHICLE TRAFFIC
	CIRCULATION PATH



## PHASE 1 BUILDING

## ELLER COUNTY WASTEWATER TREATMENT PLANT EXPANSION

FACILITY BUILDOUT – CONCEPT DESIGN

SELLER COUNTY

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1/10/2024  
n: JCS  
n: JRC/KN  
k: JCS

C100

EET 1 OF 3

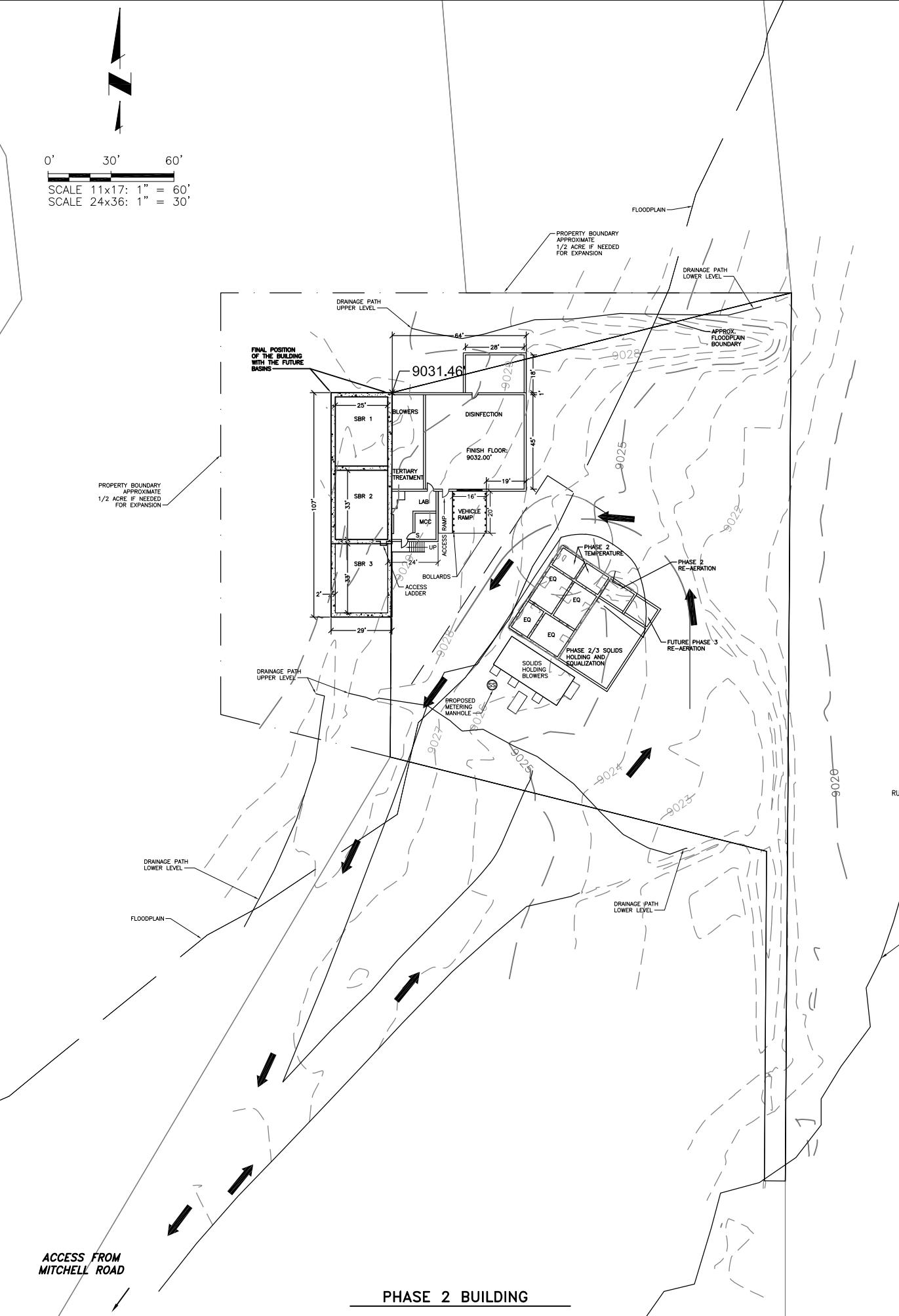
EEI 1 OF 3

NOTES:

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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)



PHASE 2 BUILDING

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

FLOODPLAIN

PROPERTY BOUNDARY  
APPROXIMATE  
1/2 ACRE IF NEEDED  
FOR EXPANSIONDRAINAGE PATH  
UPPER LEVELPROPERTY BOUNDARY  
APPROXIMATE  
1/2 ACRE IF NEEDED  
FOR EXPANSIONDRAINAGE PATH  
UPPER LEVEL

FLOODPLAIN

PROPERTY BOUNDARY  
APPROXIMATE  
1/2 ACRE IF NEEDED  
FOR EXPANSIONDRAINAGE PATH  
UPPER LEVEL

FLOODPLAIN

PROPERTY BOUNDARY  
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FOR EXPANSIONDRAINAGE PATH  
UPPER LEVEL

FLOODPLAIN

PROPERTY BOUNDARY  
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FOR EXPANSIONDRAINAGE PATH  
UPPER LEVEL

FLOODPLAIN

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FLOODPLAIN

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FLOODPLAIN

PROPERTY BOUNDARY  
APPROXIMATE  
1/2 ACRE IF NEEDED  
FOR EXPANSIONDRAINAGE PATH  
UPPER LEVELPROPERTY BOUNDARY  
APPROXIMATE  
1/2 ACRE IF NEEDED  
FOR EXPANSIONDRAINAGE PATH  
UPPER LEVEL

FLOODPLAIN

EXHIBIT

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

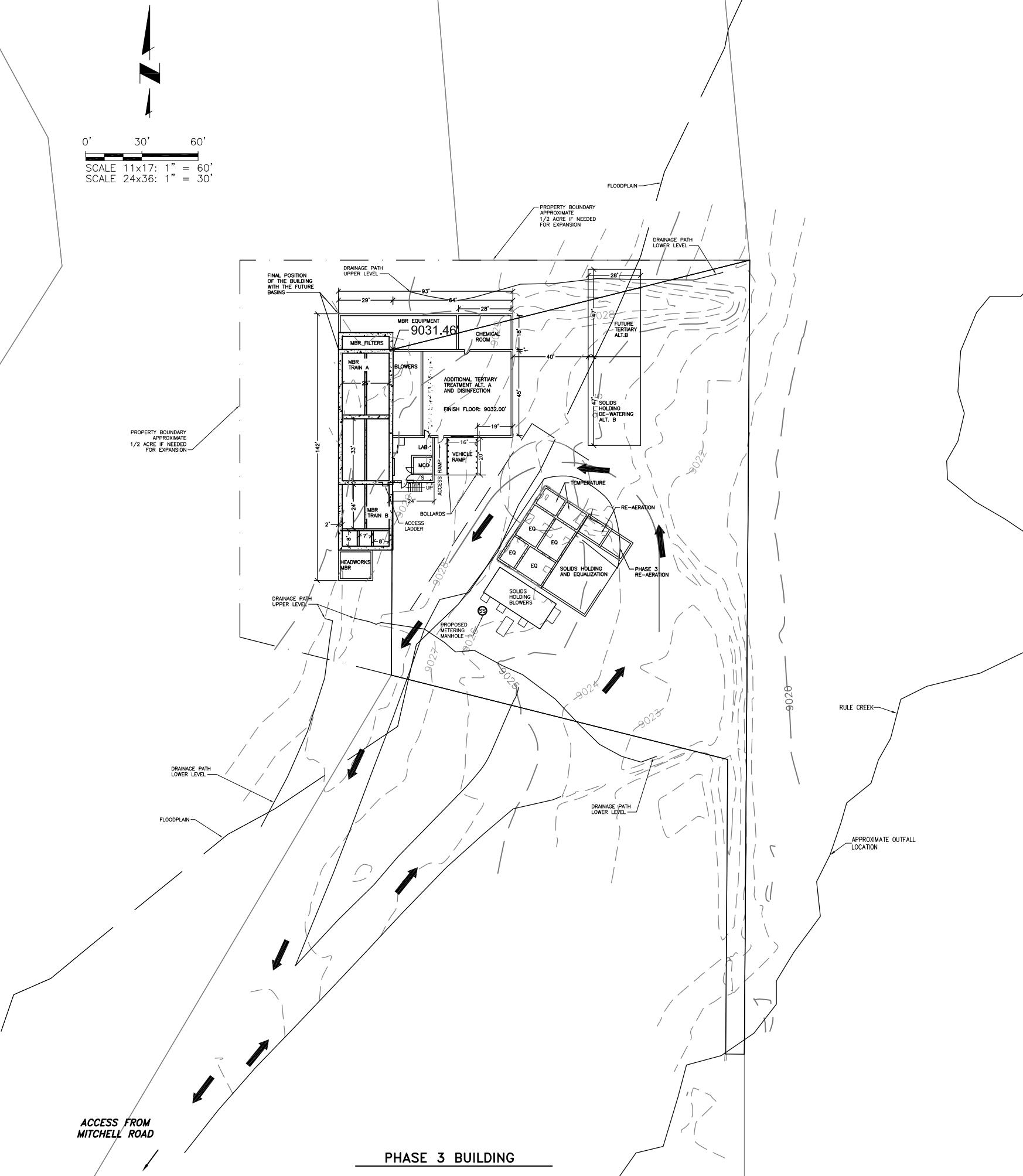
C101  
SHEET 2 OF 3

NOTES:

1. ADJACENT PROPERTY LINES ARE NOT ACCURATE, SHOWN FOR REFERENCE PURPOSES ONLY.
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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 80814  
PHYSICAL ADDRESS: 12047 US 24, DIVIDE, CO 80814  
CONTACT: FRED CLIFFORD  
Clifford@co.teller.co.us (EM)  
719-687-8812 (PHONE)  
TAX STATUS: EXEMPT  
ZONING: A-1  
AREA: 43,560 SF (1 AC)



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## EXHIBIT

Proj. #: 279.22001  
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C102

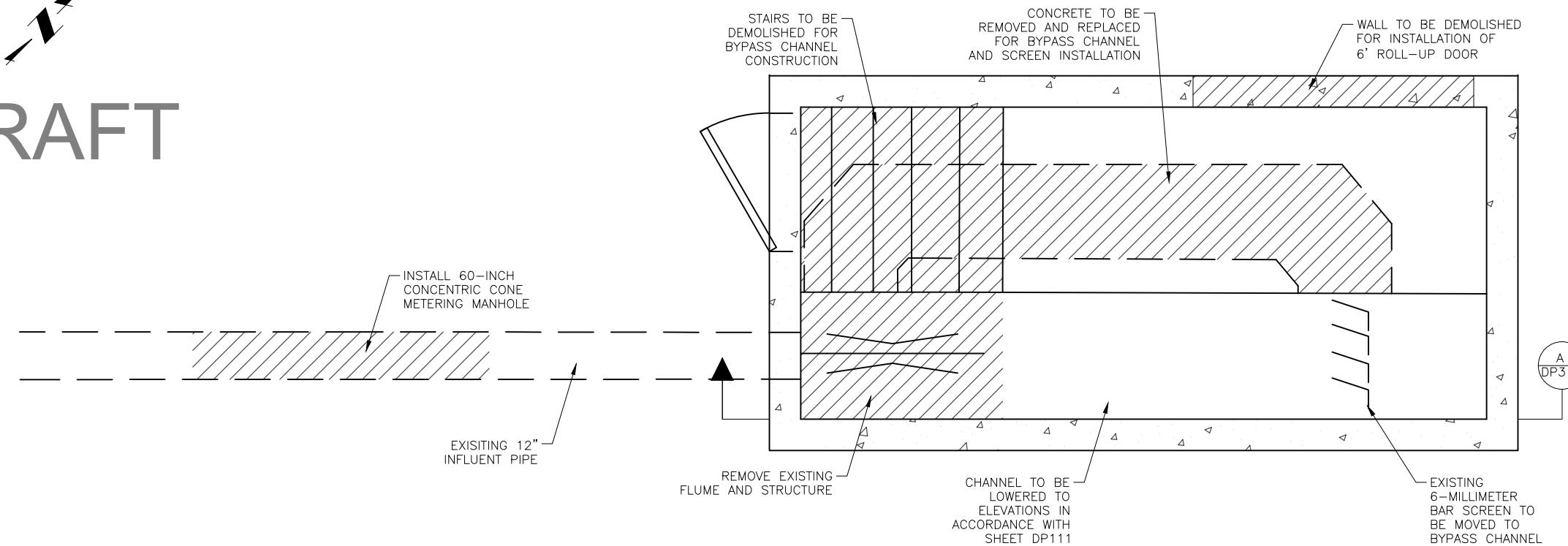
SHEET 3 OF 3

TELLER COUNTY  
WASTEWATER TREATMENT PLANT EXPANSION  
FACILITY BUILDOUT - CONCEPT DESIGN

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DRAFT



HEADWORKS DEMOLITION PLAN

SCALE: 1"=3'

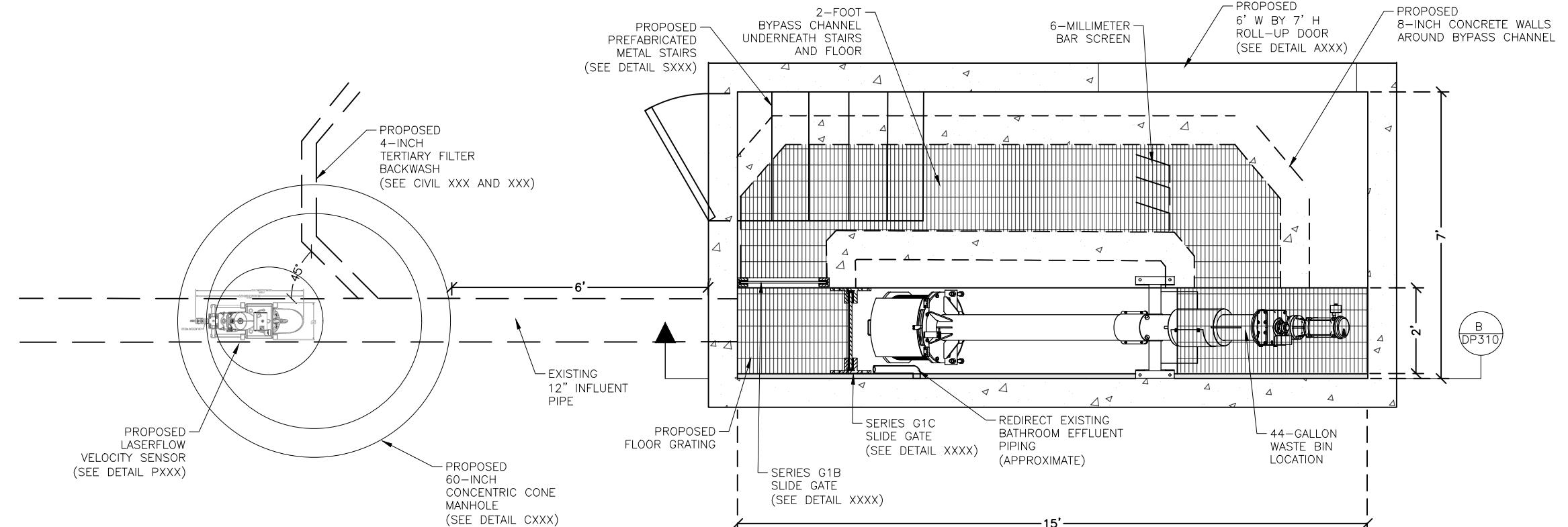
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ALL ELEVATIONS DEPICTED  
ARE RELATIVE TO NAVD88 DATUM.

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TELLER COUNTY  
WASTEWATER TREATMENT PLANT EXPANSION

HEADWORKS PLAN



HEADWORKS PLAN

SCALE: 1"=3'

NOTES:  
ALL ELEVATIONS DEPICTED  
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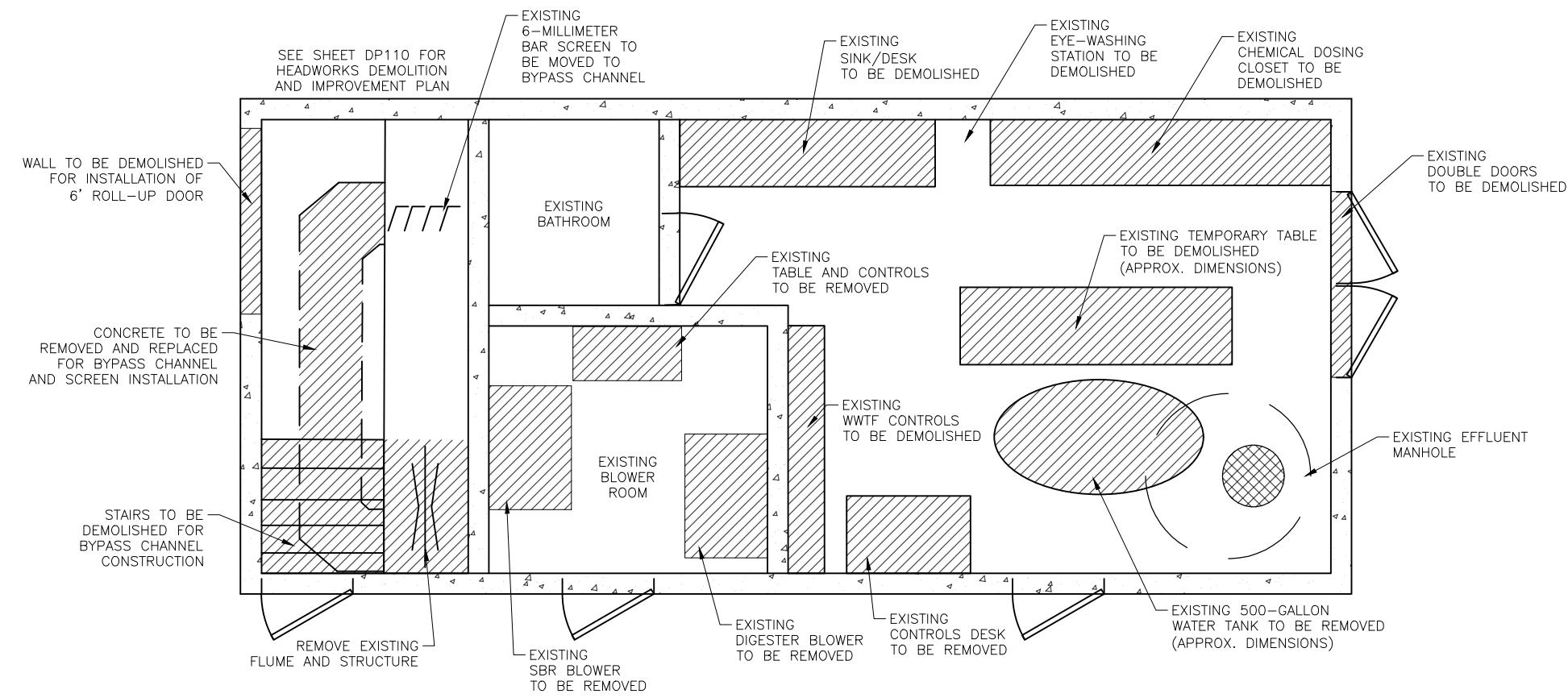
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Proj. #: W0279.22001  
Date: 01/08/2024  
Design:  
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DP110

SHEET OF

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TELLER COUNTY  
WASTEWATER TREATMENT PLANT EXPANSION  
SOLIDS HOLDING BLOWERS/SUPPORT BUILDING #1 PLAN

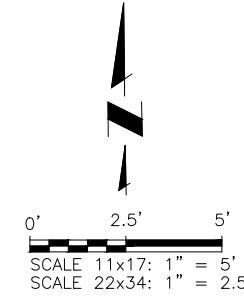
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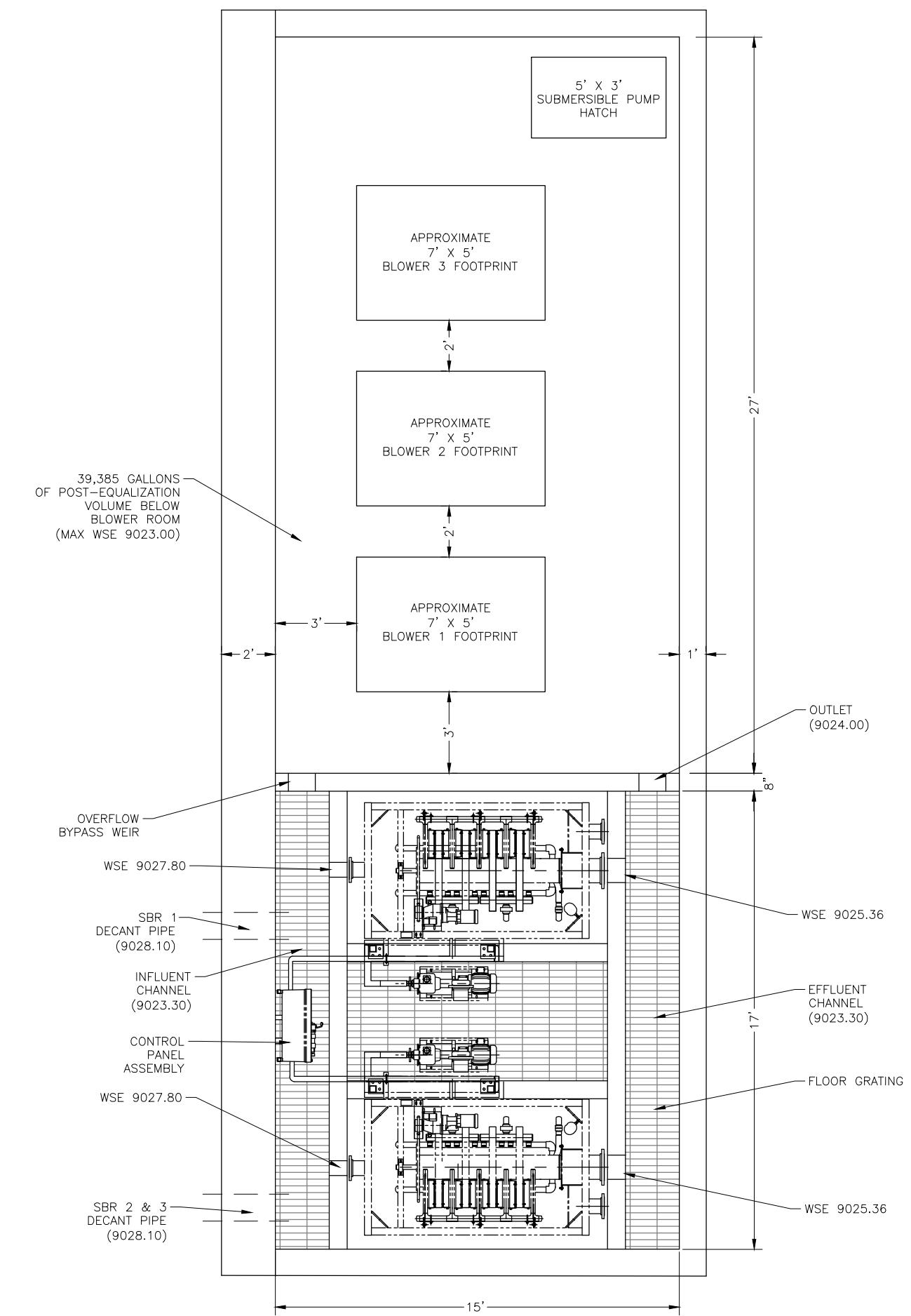
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Date: 01/09/2024  
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Check: JCS

DP111

SHEET OF



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TELLER COUNTY  
WASTEWATER TREATMENT PLANT EXPANSION  
POST-EQUALIZATION/TERtiARY TREATMENT PLAN

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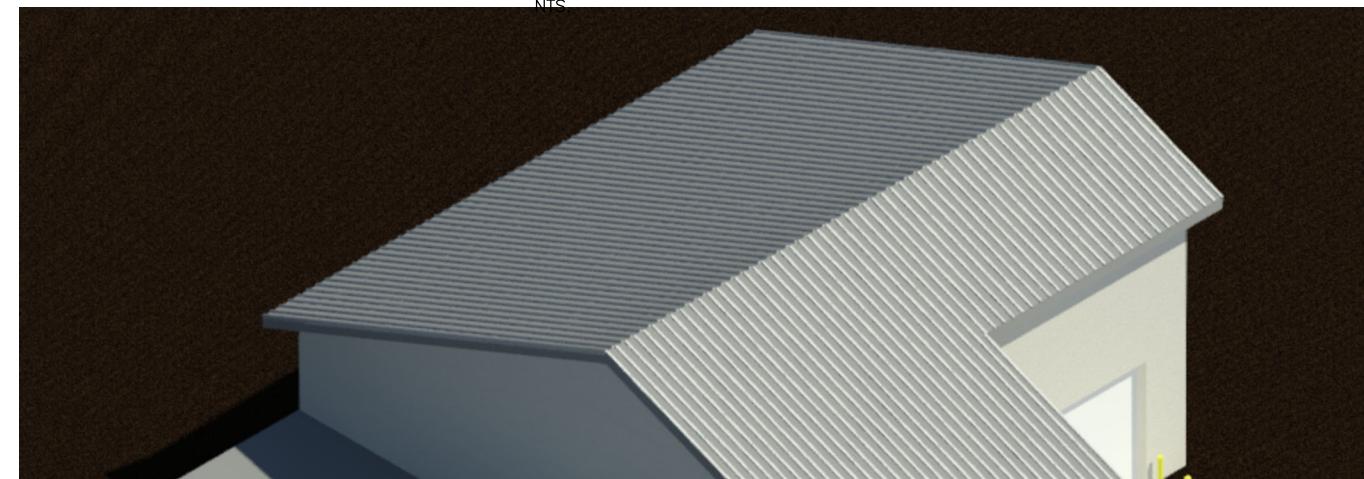
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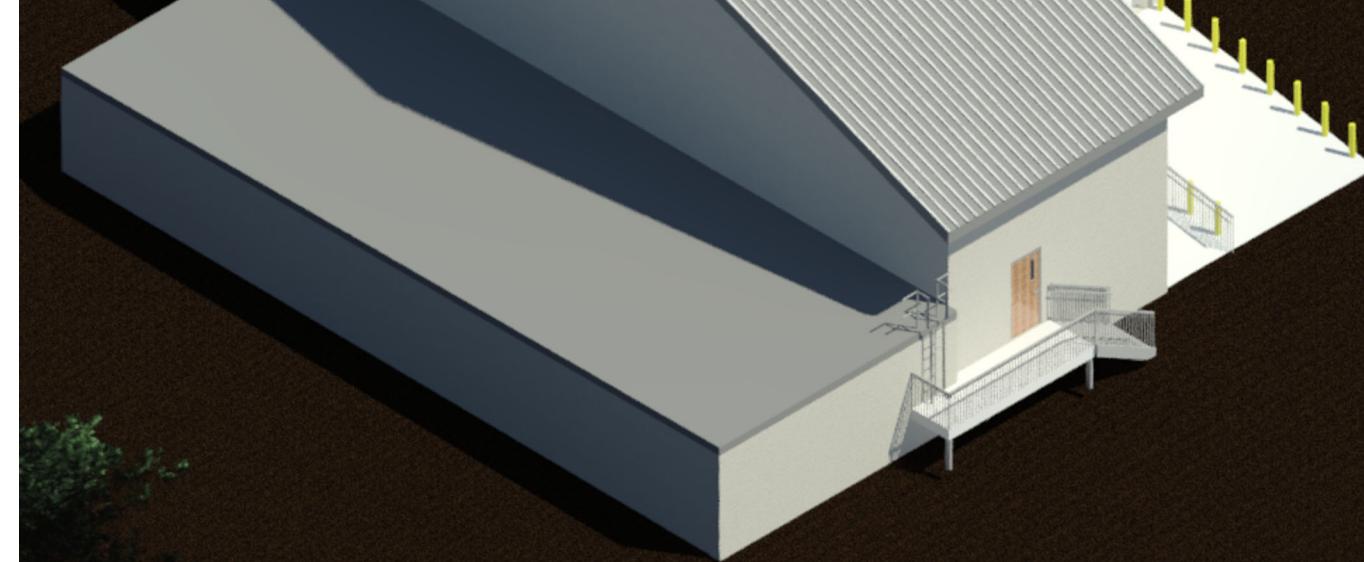
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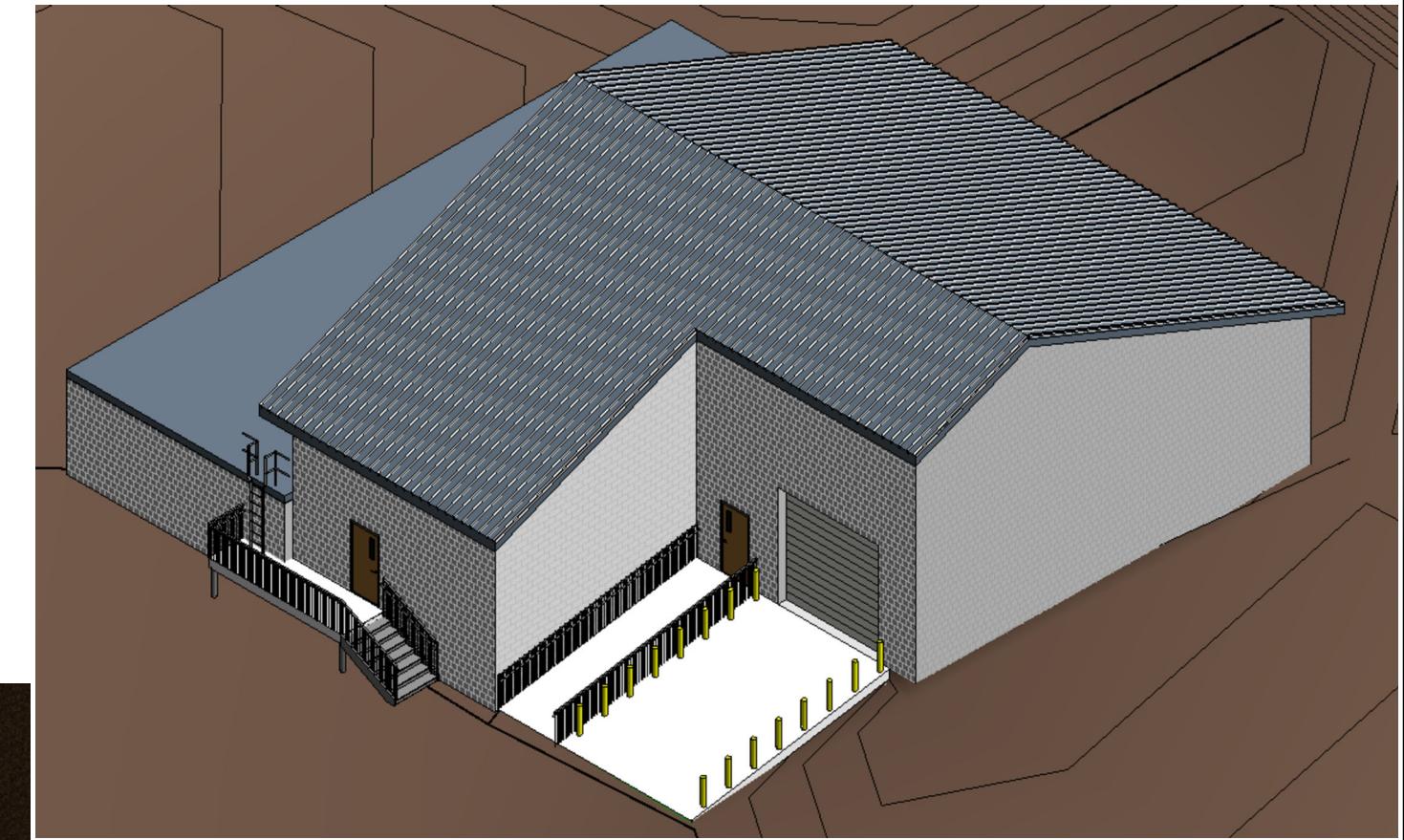
WEST VIEW FUTURE BUILDING  
NTS.



WEST VIEW FUTURE BUILDING  
NTS.



SOUTHWEST VIEW FUTURE BUILDING  
NTS.



SOUTHEAST VIEW FUTURE BUILDING  
NTS.



SOUTH VIEW FUTURE BUILDING  
NTS.

Proj. #: 279.22001  
Date: 1/10/2024

Design: JCS  
Drawn: KN  
Check: JCS

A001

SHEET 1 OF 3

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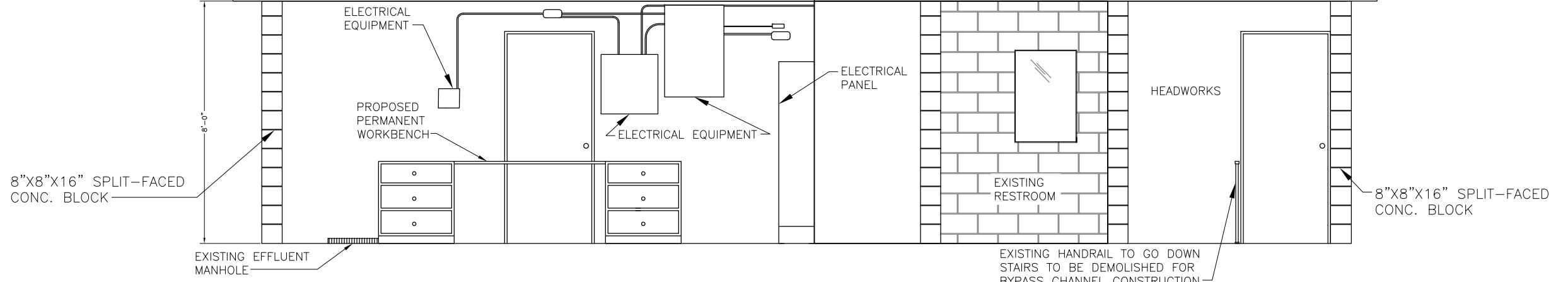
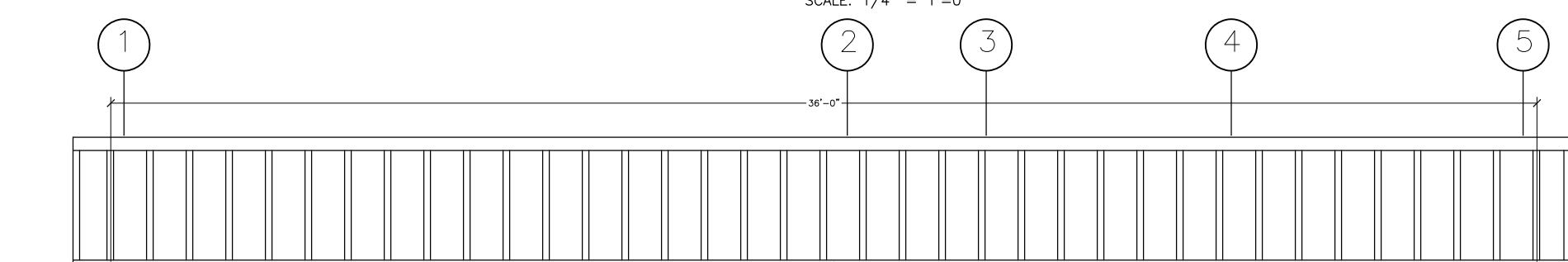
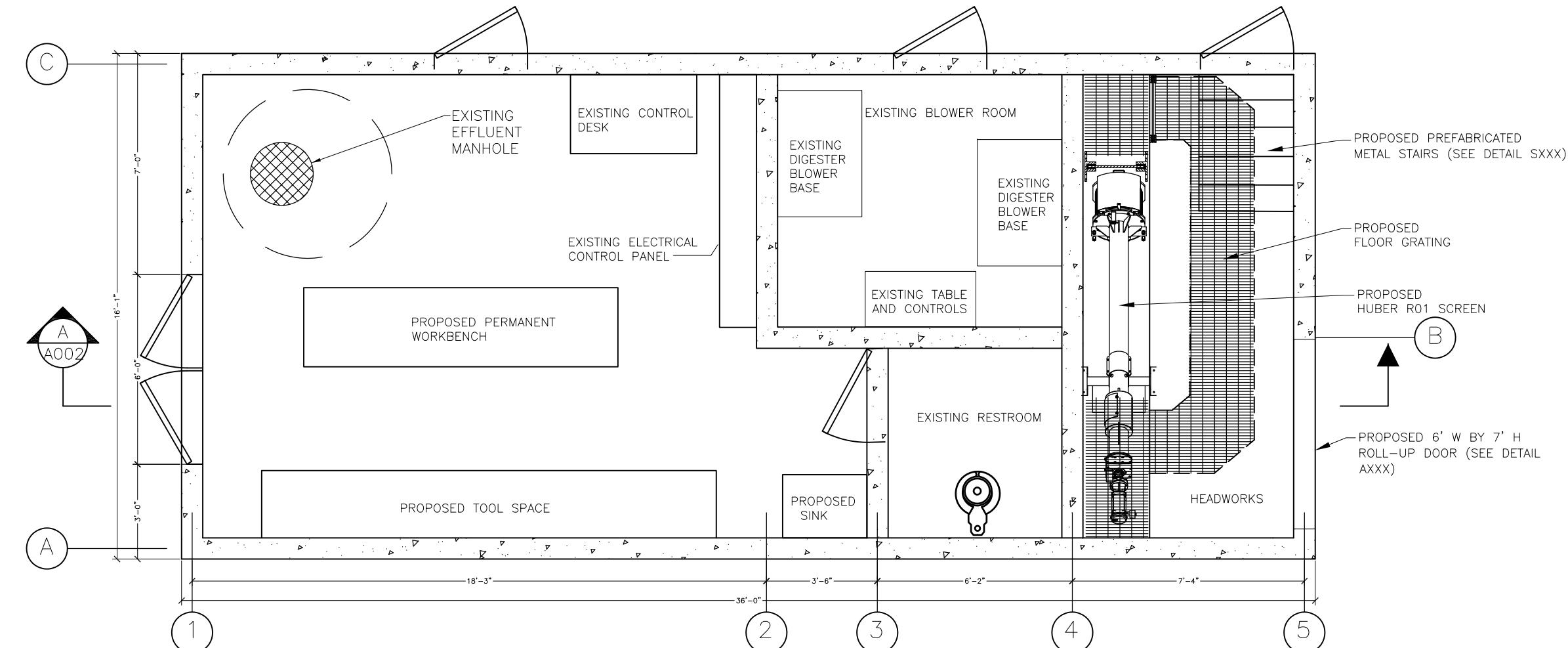
TELLER COUNTY

WASTEWATER TREATMENT PLANT EXPANSION

TCWU WWTF EXPANSION CONCEPT

NO.	DESCRIPTION	REVISIONS	BY	APP.	DATE
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EXHIBIT	



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

TELLER COUNTY

WASTEWATER TREATMENT PLANT EXPANSION

SOLID HOLDING BLOWERS/ARCHITECTURAL FLOOR PLAN

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

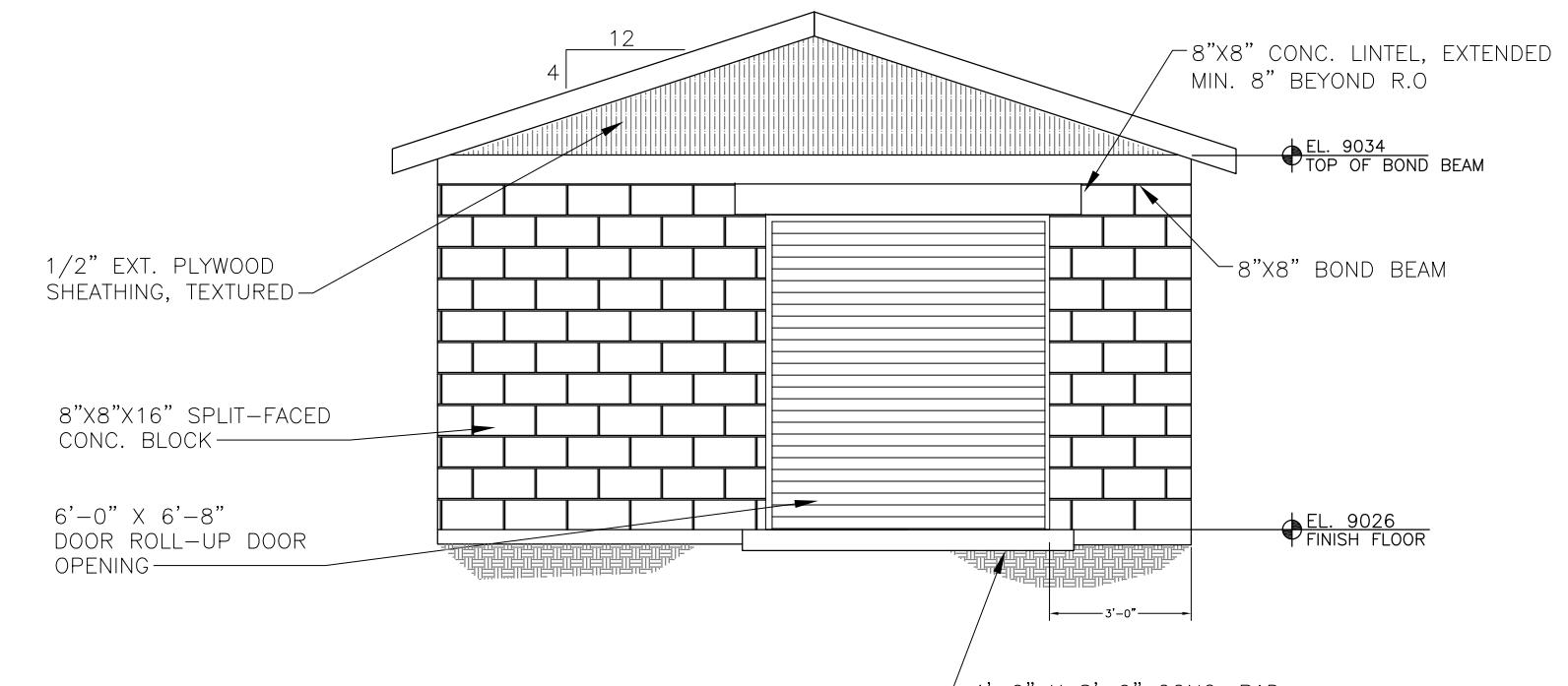
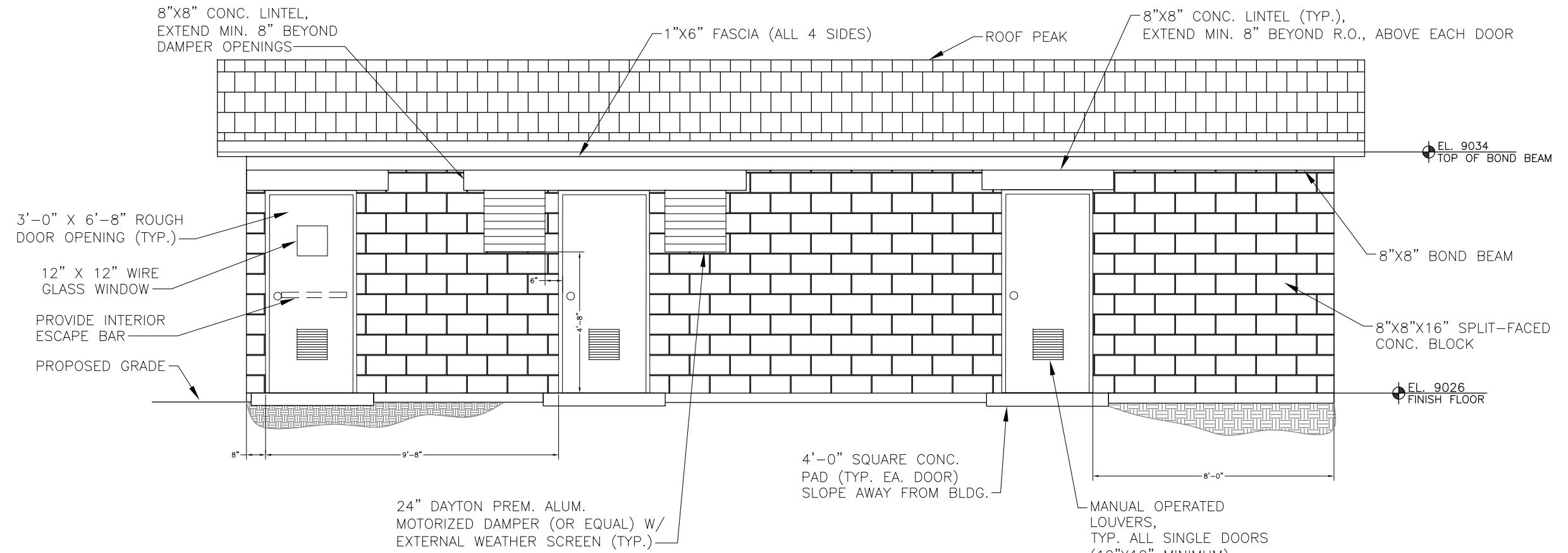
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A111

SHEET 2 OF 3



NO.	DESCRIPTION	REVISIONS	BY	APP.	DATE
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**EXHIBIT**

Proj. #: 279.22001  
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A211

SHEET 3 OF 3