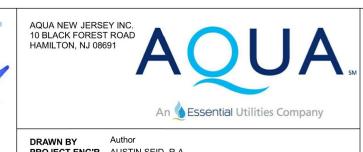




PROJECT



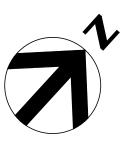
ADCHITECTUDAL SYMBOLS LEGEND AND SYMBOLS

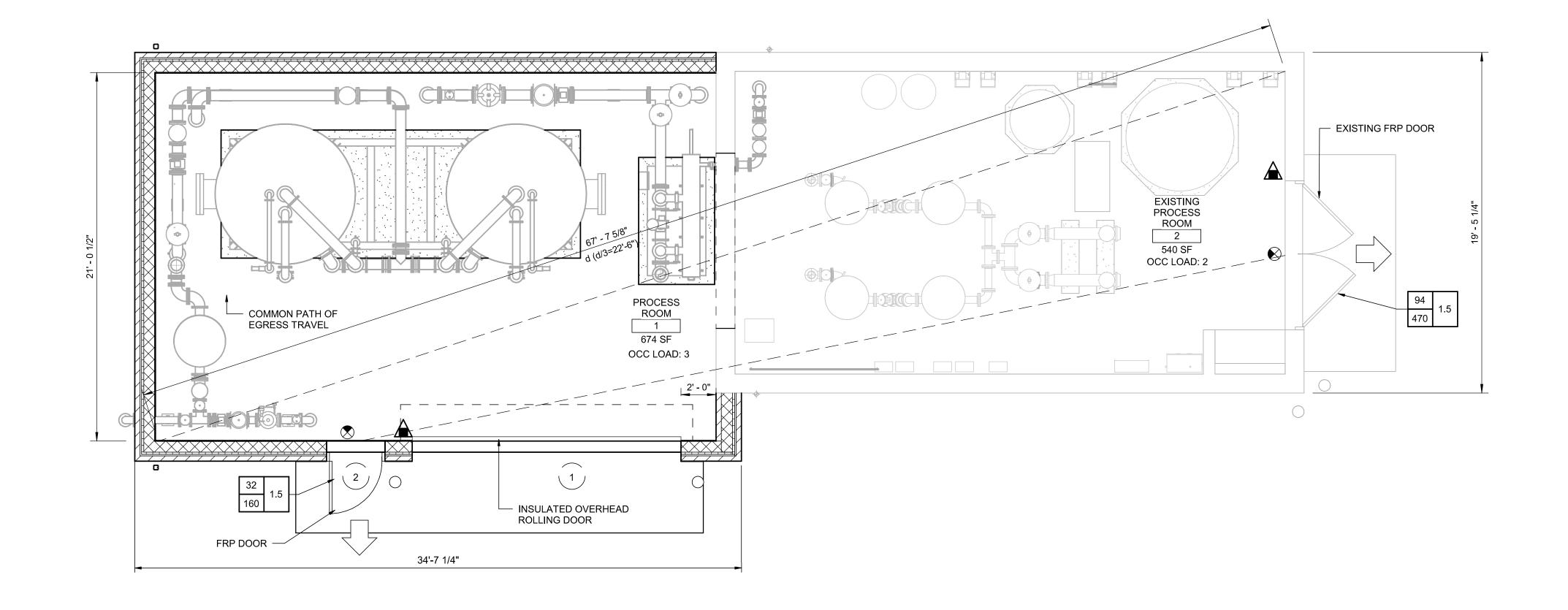
ISSUE FOR BID

01A-01

All Esserial offices company	ARCHITECTUR	KAL SYMBOLS, LEGEND AND SYMBOI	_5
DRAWN BY Author PROJECT ENG'R AUSTIN SEID, R.A.			
DATE JUNE, 2022	AQUA NEW JERSEY INC.	USE DIMENSIONS ONLY	SCALE

USE APPROVED DRAWINGS ONLY





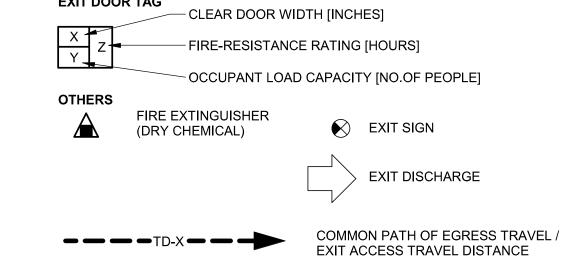
GROUND FLOOR PLAN

LIFE SAFETY NOTES:

1. FOR ADDITIONAL INFORMATION REGARDING ILLUMINATED EXIT SIGNAGE AND EMERGENCY LIGHTING, SEE ELECTRICAL LIGHTING CONTRACT

2. PFES FROM GROUND FLOOR PLAN MARKUPS IN THIS SESSION

LIFE SAFETY SYMBOLS:



EXIT ACCESS TRAVEL DISTANCES							
ECDESS DATH ID	EGRESS DISTANCE						
EGRESS PATH ID	PROVIDED	MAXIMUM PERMITTED					
TD-1	12'-6"	25'-0"					
TD-2	43'-0"	150'-0"					

BUILDING CODE ANALYSIS

APPLICABLE CODES

THE UNIFORM CONSTRUCTION CODE, CHAPTER 23 OF TITLE 5 OF THE NJ ADMINISTRATIVE CODE INCLUDING THE FOLLOWING SUBCODES:

BUILDING SUBCODE (NJAC 5:23 - 3.14) - INTERNATIONAL BUILDING CODE/2018, PLUMBING SUBCODE (NJAC 5:23 - 3.15) ELECTRICAL SUBCODE (NJAC 5:23 - 3.16) ENERGY SUBCODE (NJAC 5:23 - 3.18) - ASHRAE 90.1-2016 MECHANICAL SUBCODE (NJAC 5:23 - 3.20) FUEL GAS SUBCODE (NJAC 5:23 - 3.22) REHABILITATION SUBCODE (NJAC 5:23 - 6)

CODE ANALYSIS

OCCUPANCY / USE GROUP (BS 302.1): H-3

CONSTRUCTION CLASSIFICATION (BS TABLE 601): VB

ALLOWABLE AREA (BS TABLE 506.2): 52,000 SF (SPRINKLERED) ACTUAL AREA: 1,430 SF (EXISTING: 651 SF + ADDITION: 779 SF), OK

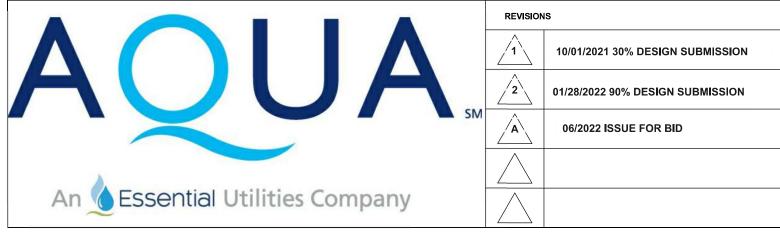
ALLOWABLE STORIES (BS TABLE 504.4): 3 (SPRINKLERED) ACTUAL STORIES: 1,OK

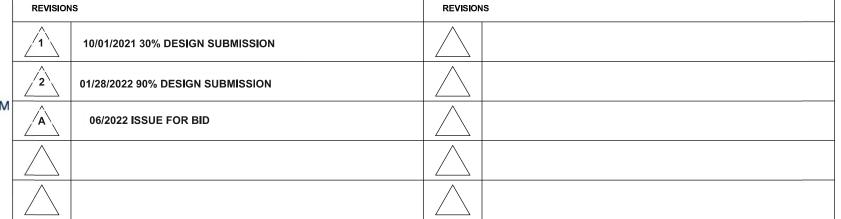
ALLOWABLE HEIGHT (BS TABLE 504.3): 60 FT ACTUAL HEIGHT: 23.57 FT, OK

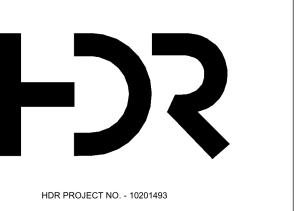
MINIMUM NO. OF EXISTS REQUIRED (BS 1006.3.2): 2 ACTUAL NO. OF EXISTS PROVIDED: 2

GENERAL NOTES

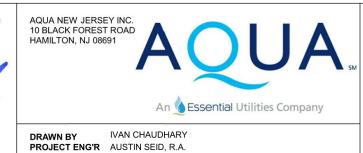
A. PROVIDE AND INSTALL 10 LB. DRY-CHEMICAL TYPE FOR USE ON A, B, AND C FIRES WITH HOSE AND WALL BRACKETS.











LAWRENCEVILLE WELL STATION WATER TREATMENT UPGRADES

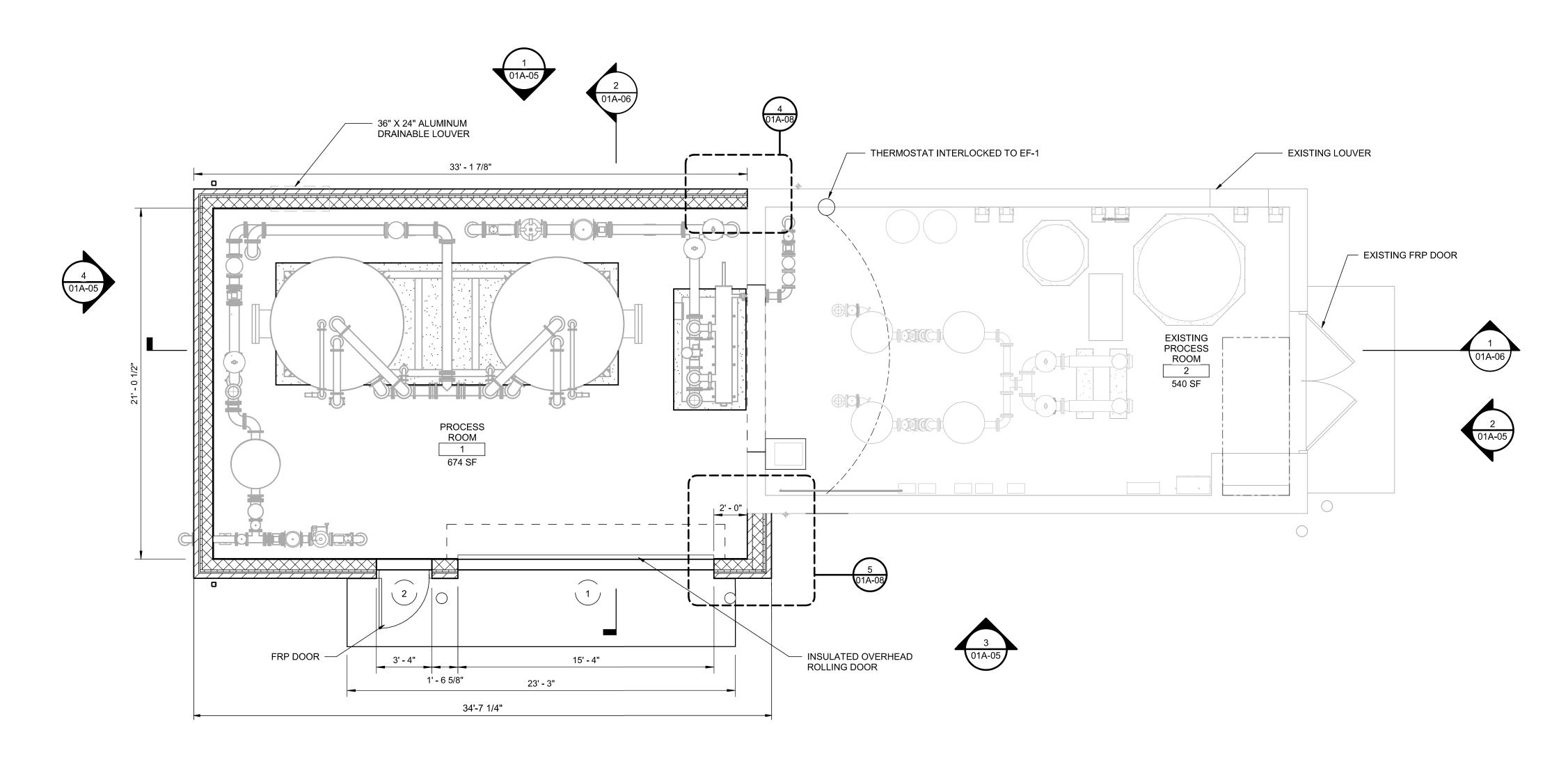
FIRE AND LIFE SAFETY PLAN

PROJECT	USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES	ISSUE FOR BID	As indicated 01A-02
DATE JUNE, 2022	AQUA NEW JERSEY, INC.		USE DIMENSIONS ONLY SCALE
, , , , , , , , , , , , , , , , , , , ,			

GENERAL NOTES

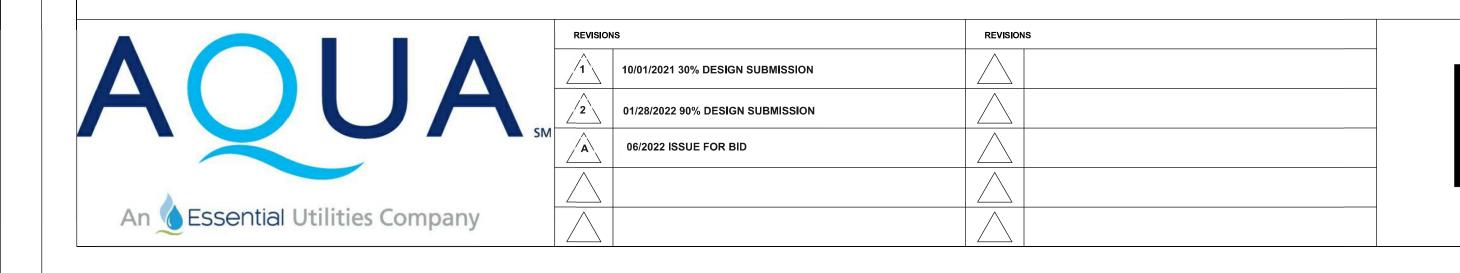
A. PROCESS / MECHANICAL / ELECTRICAL EQUIPMENT SHOWN FOR COORDINATION.

B. PROVIDE PLASTIC COVERS ON BOLLARDS, COLOR SHALL BE SELECTED FROM MANUFACTURER LIST OF STANDARD COLORS.

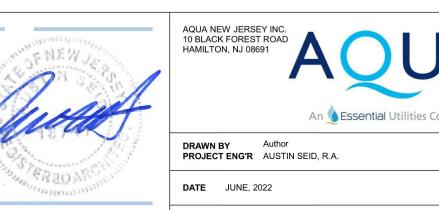


1 GROUND FLOOR PLAN

1/4" = 1'-0"







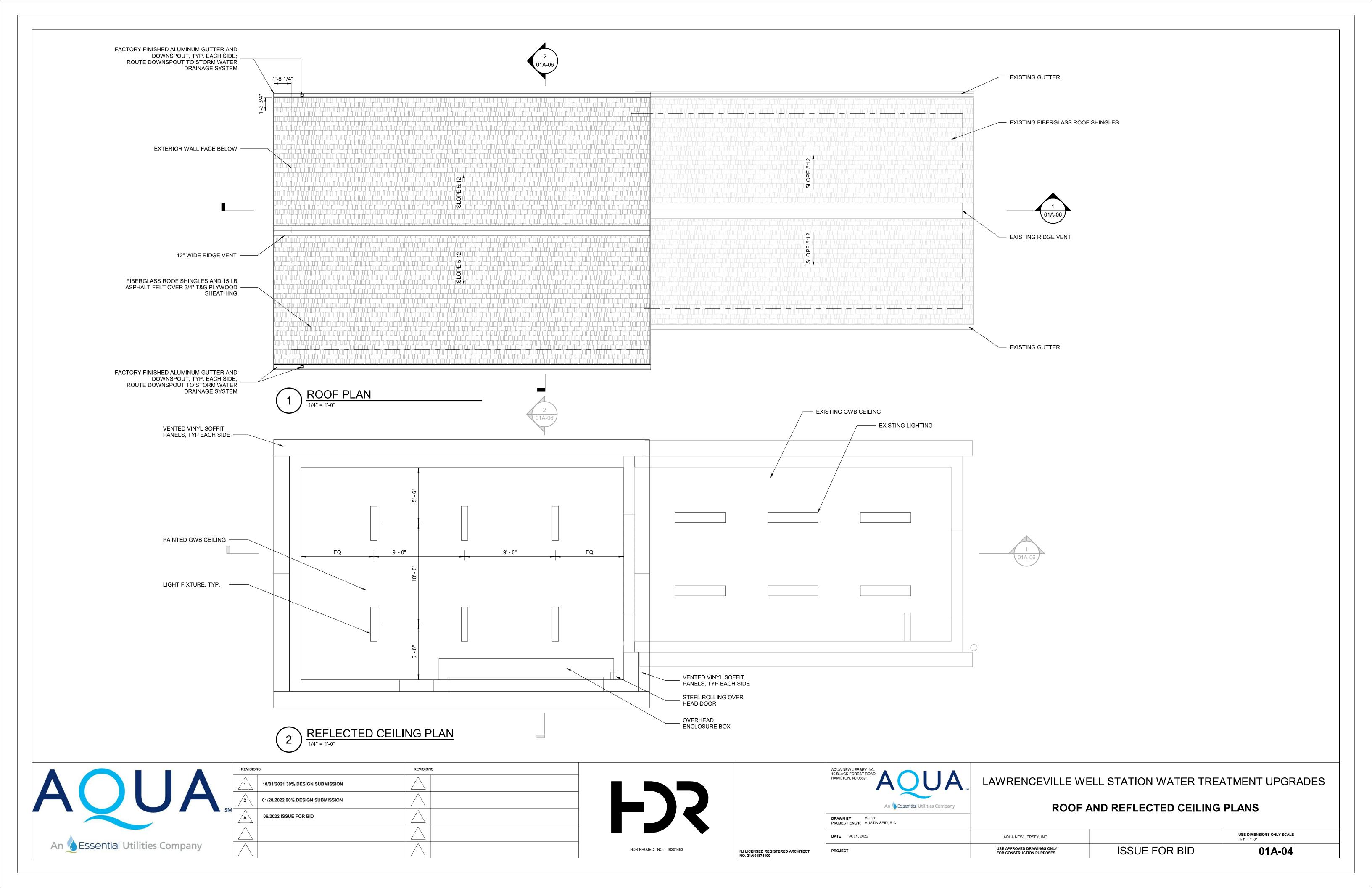
LAWRENCEVILLE WELL STATION WATER TREATMENT UPGRADES

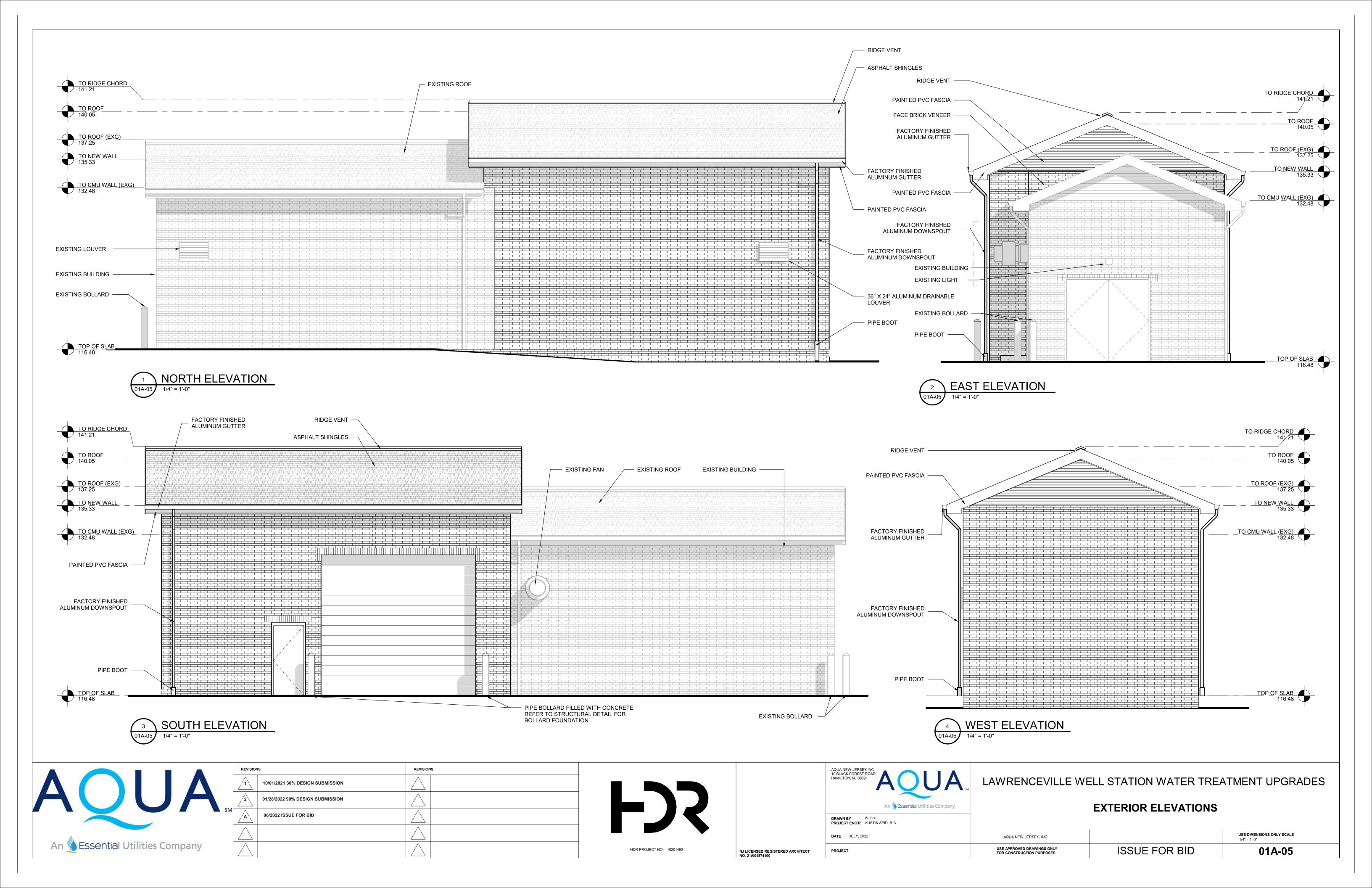
ISSUE FOR BID

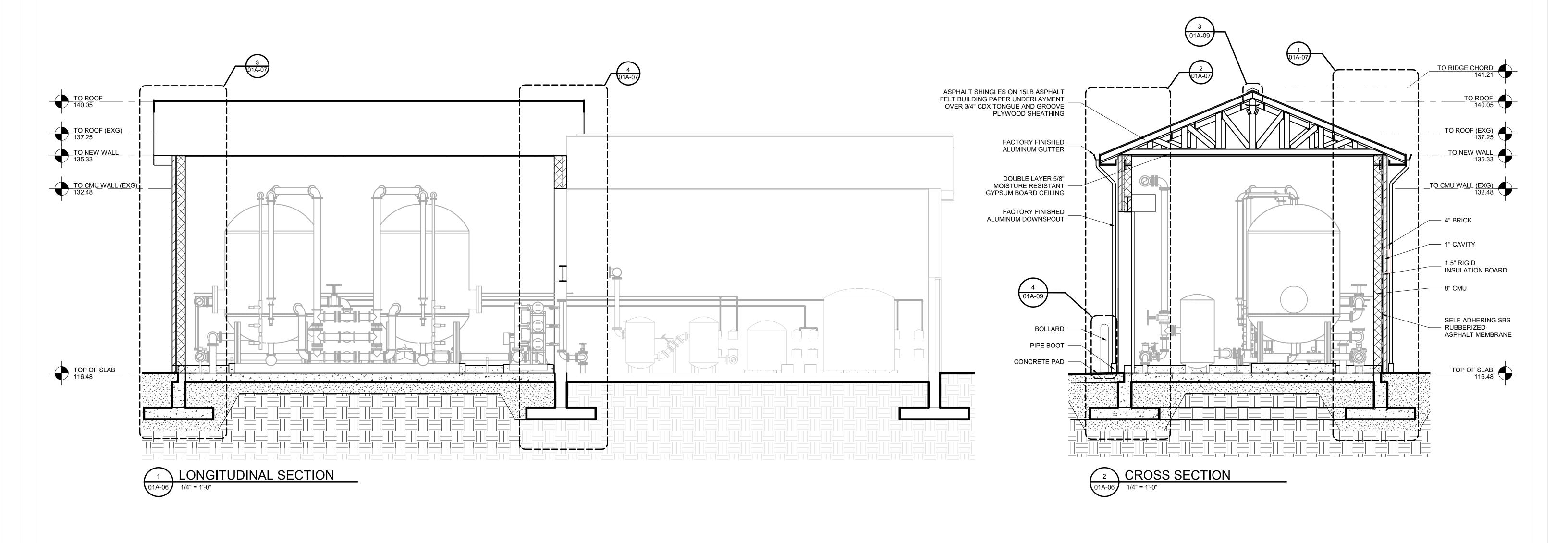
01A-03

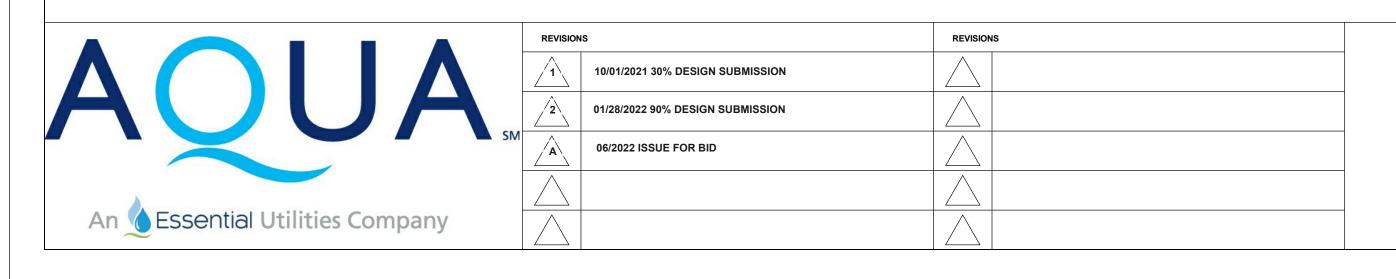
An <u>Sessential</u> Utilities Company		GROUND FLOOR PLAN	
Author S'R AUSTIN SEID, R.A.			
E, 2022	AQUA NEW JERSEY, INC.		USE DIMENSIONS ONLY SCALE

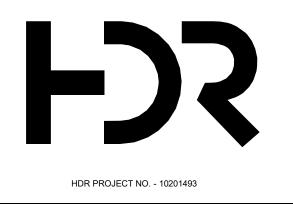
USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES



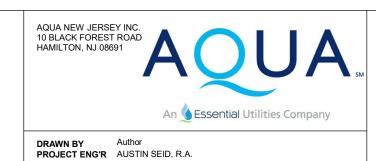








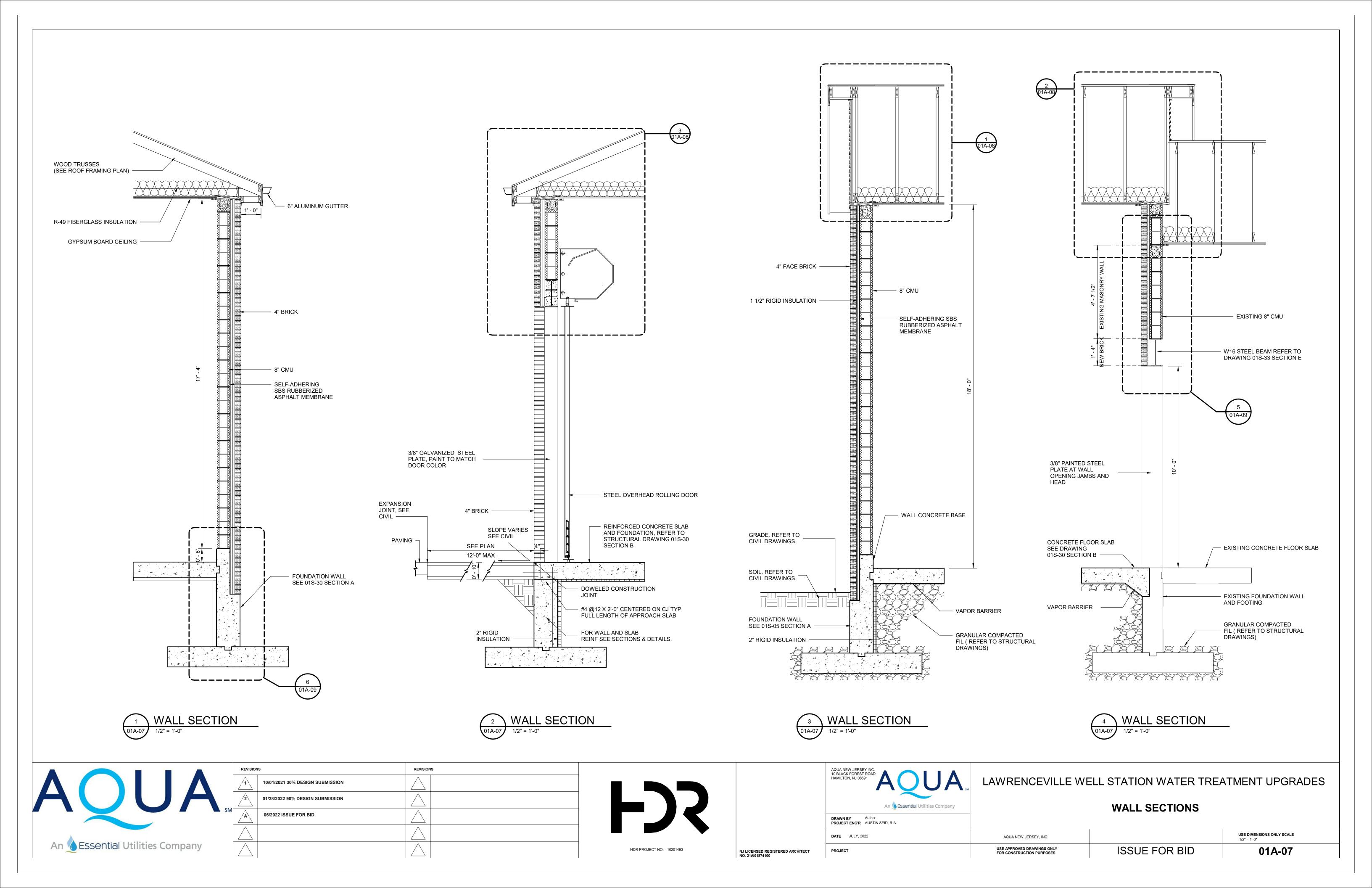
NJ LICENSED REGISTERED ARCHITECT

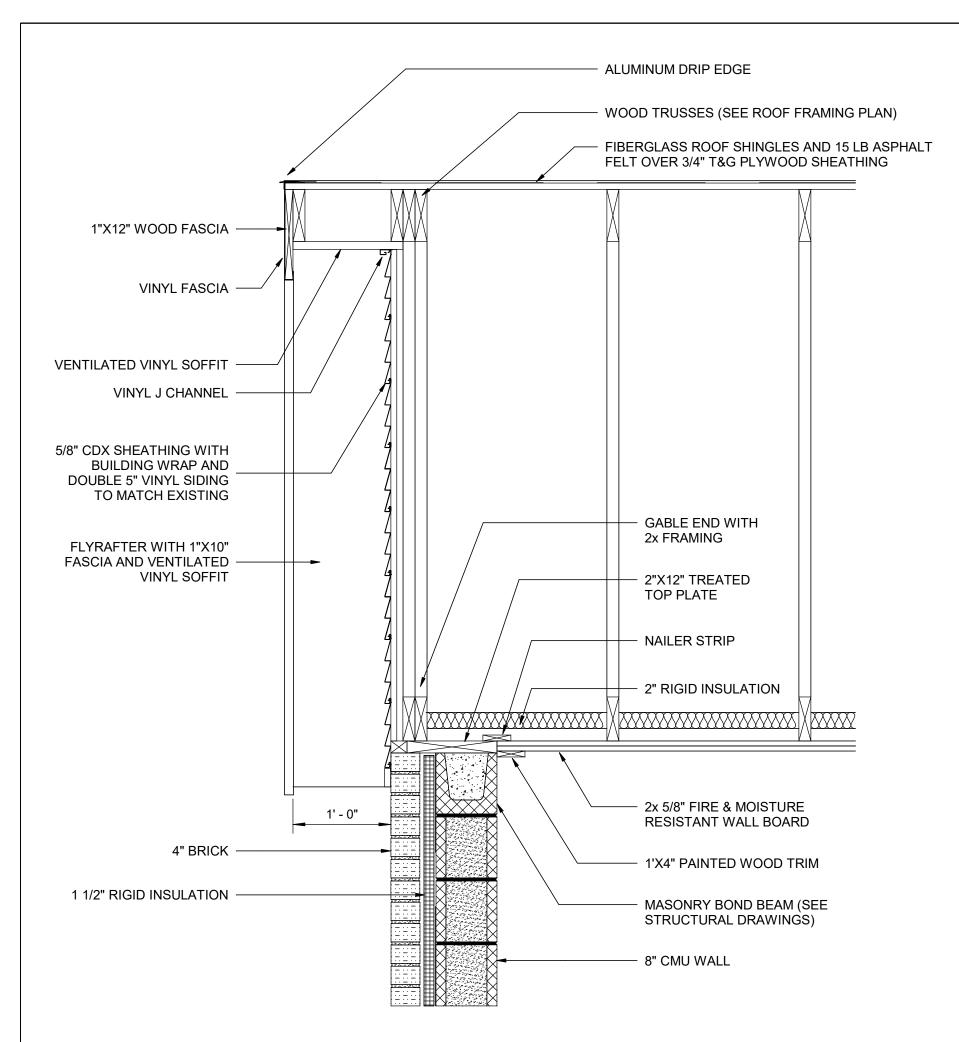


LAWRENCEVILLE WELL STATION WATER TREATMENT UPGRADES

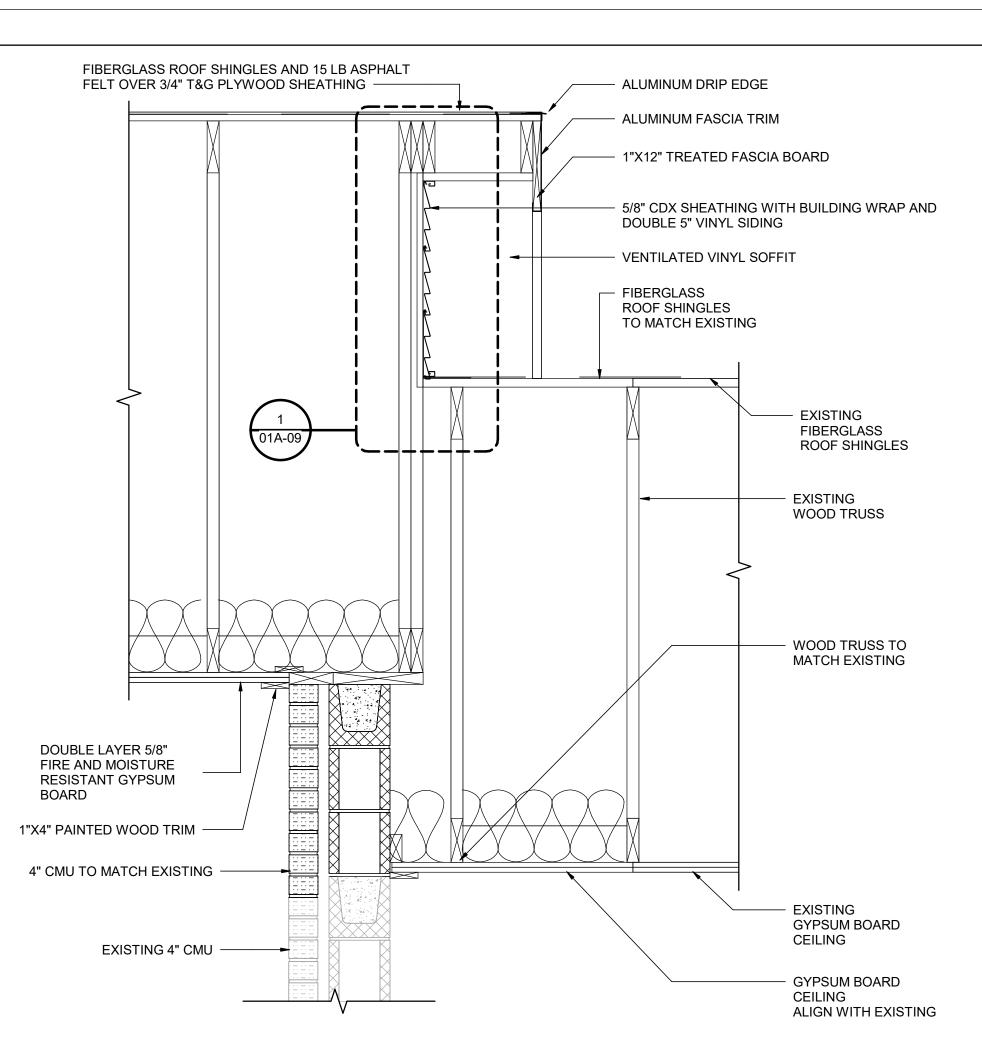
An & Essential Utilities Company	BUILDING SECTIONS
Author AUSTIN SEID, R.A.	

DATE JULY, 2022	AQUA NEW JERSEY, INC.		USE DIMENSIONS ONLY SCALE 1/4" = 1'-0"
PROJECT	USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES	ISSUE FOR BID	01A-06

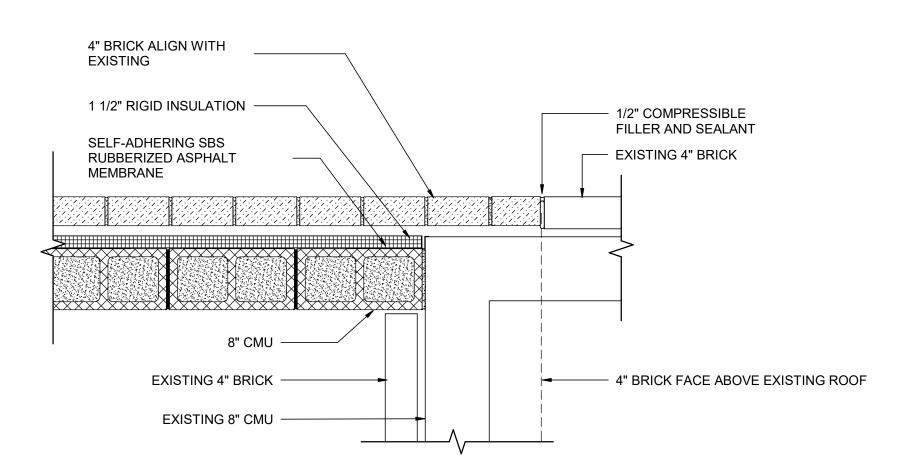




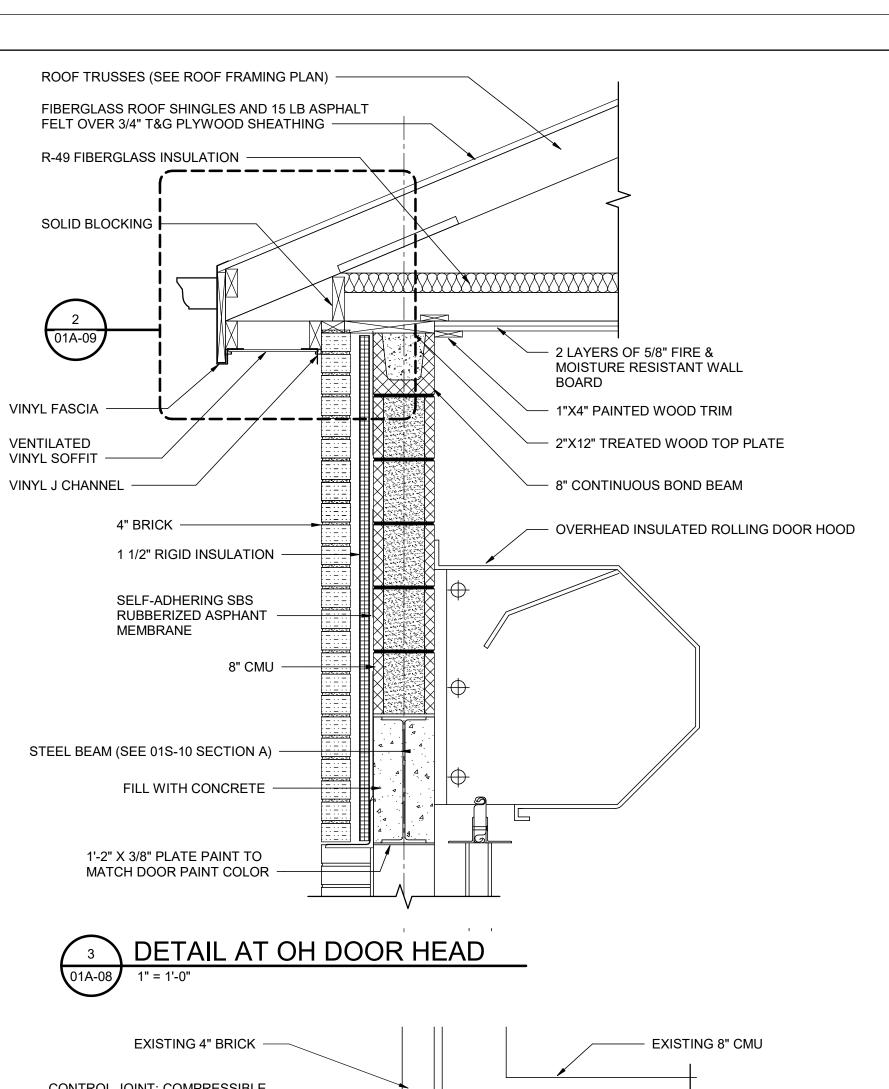


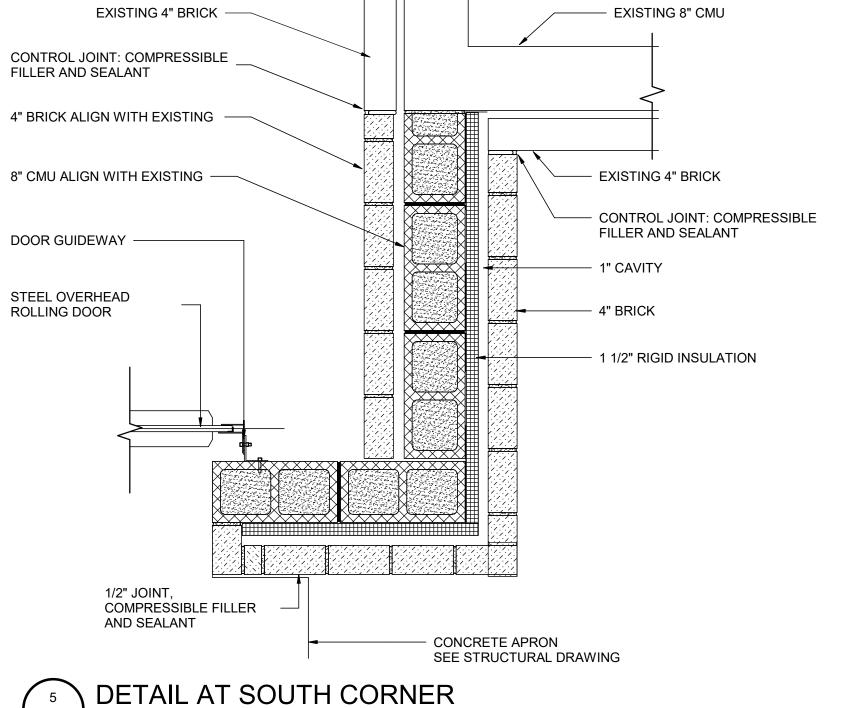


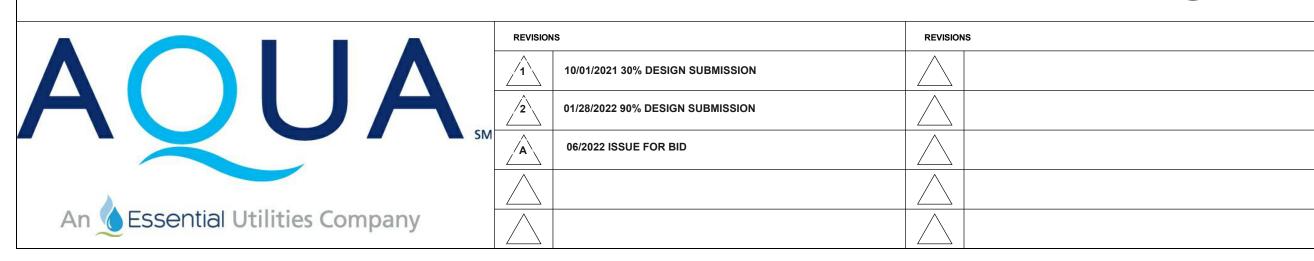


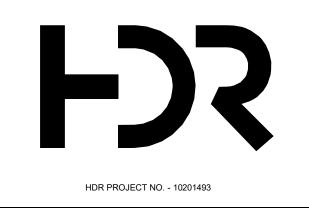


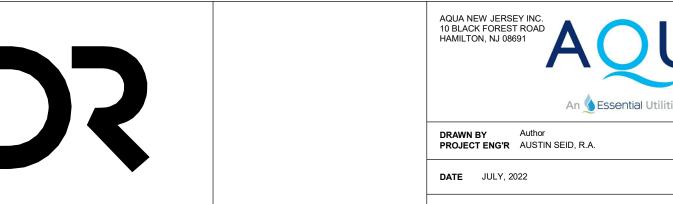






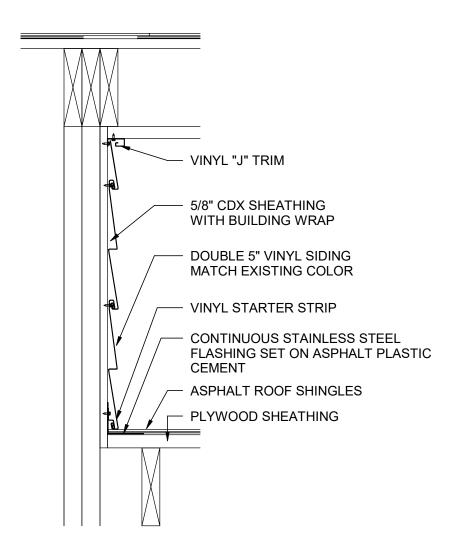




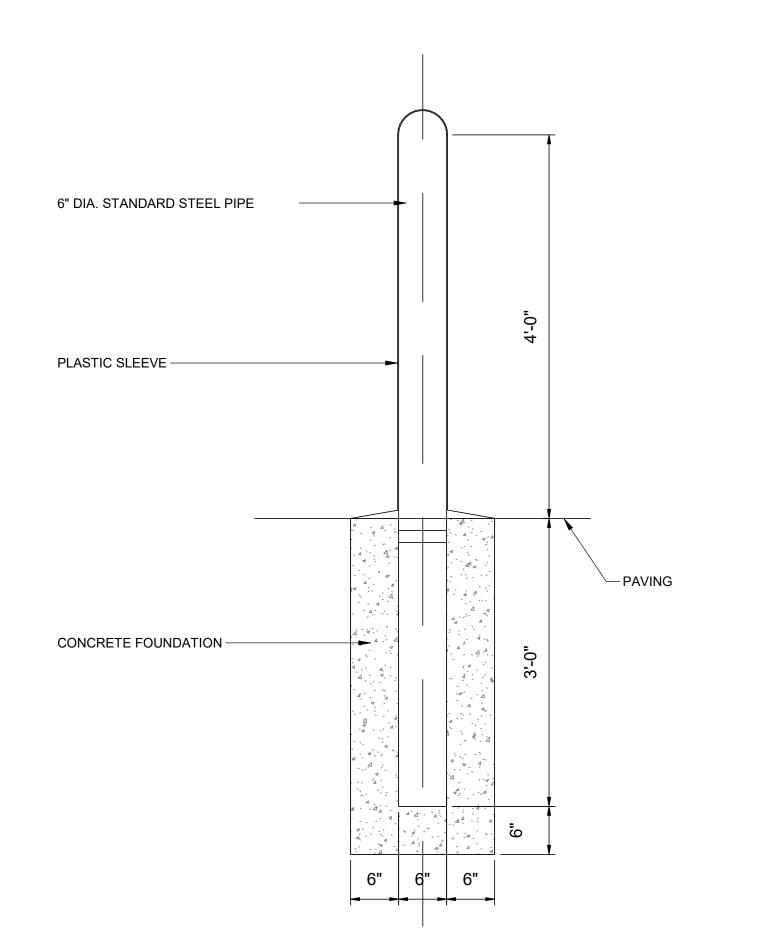


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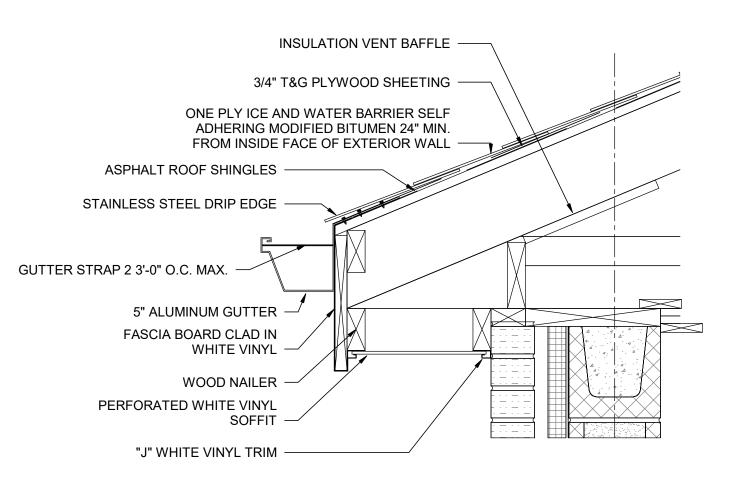
AQUA NEW JERSEY INC. 10 BLACK FOREST ROAD HAMILTON, NJ 08691	LAWRENCEVILLE WELL STATION WATER TREATMENT UPGRADES						
An Essential Utilities Company DRAWN BY PROJECT ENG'R AUSTIN SEID, R.A.		DETAILS 1 OF 2					
DATE JULY, 2022	AQUA NEW JERSEY, INC.		USE DIMENSIONS ONLY SCALE 1" = 1'-0"				
PROJECT	USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES	ISSUE FOR BID	01A-08				



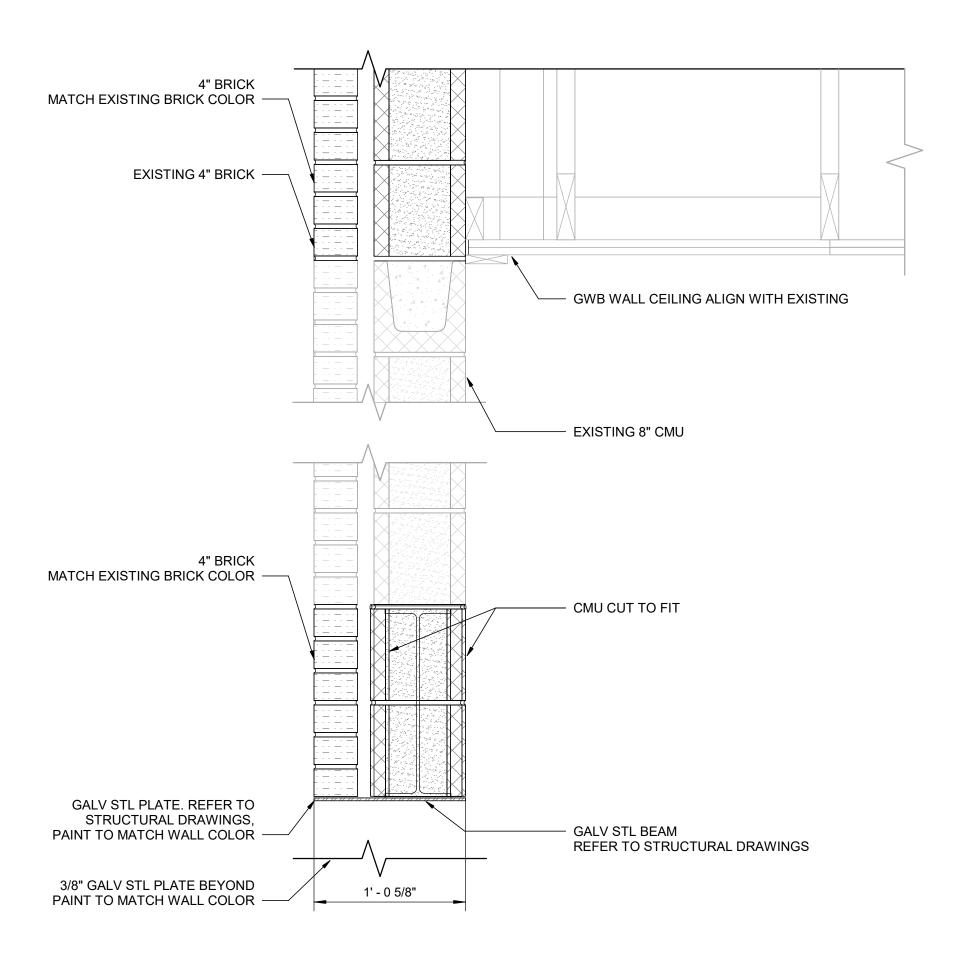




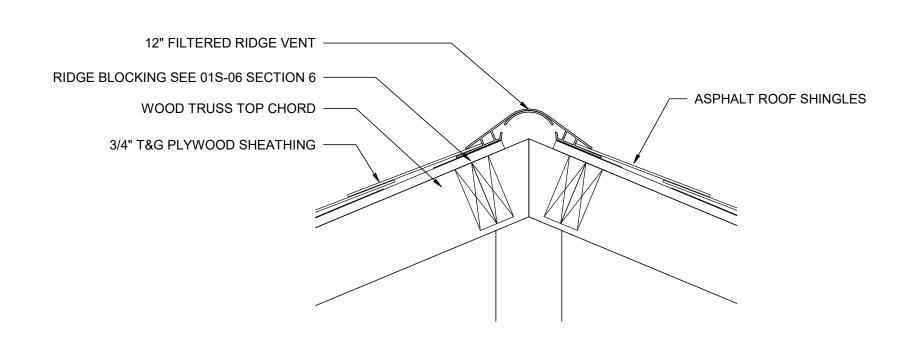




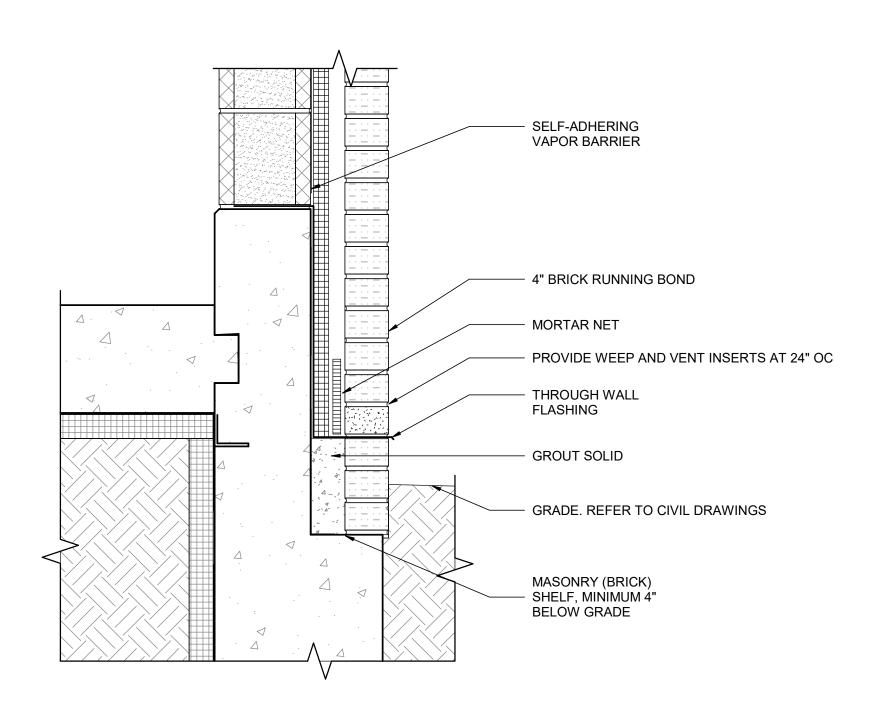




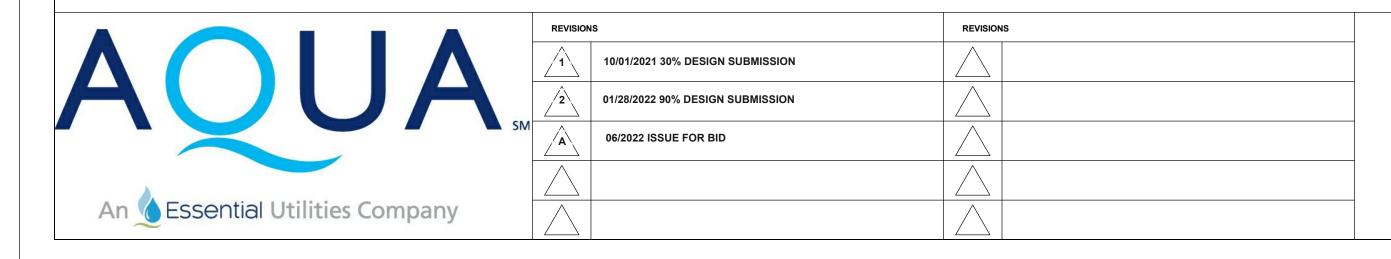


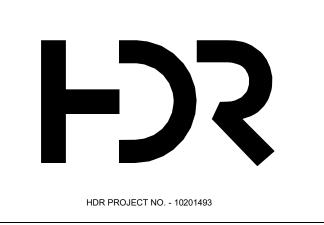




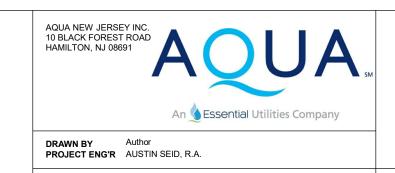






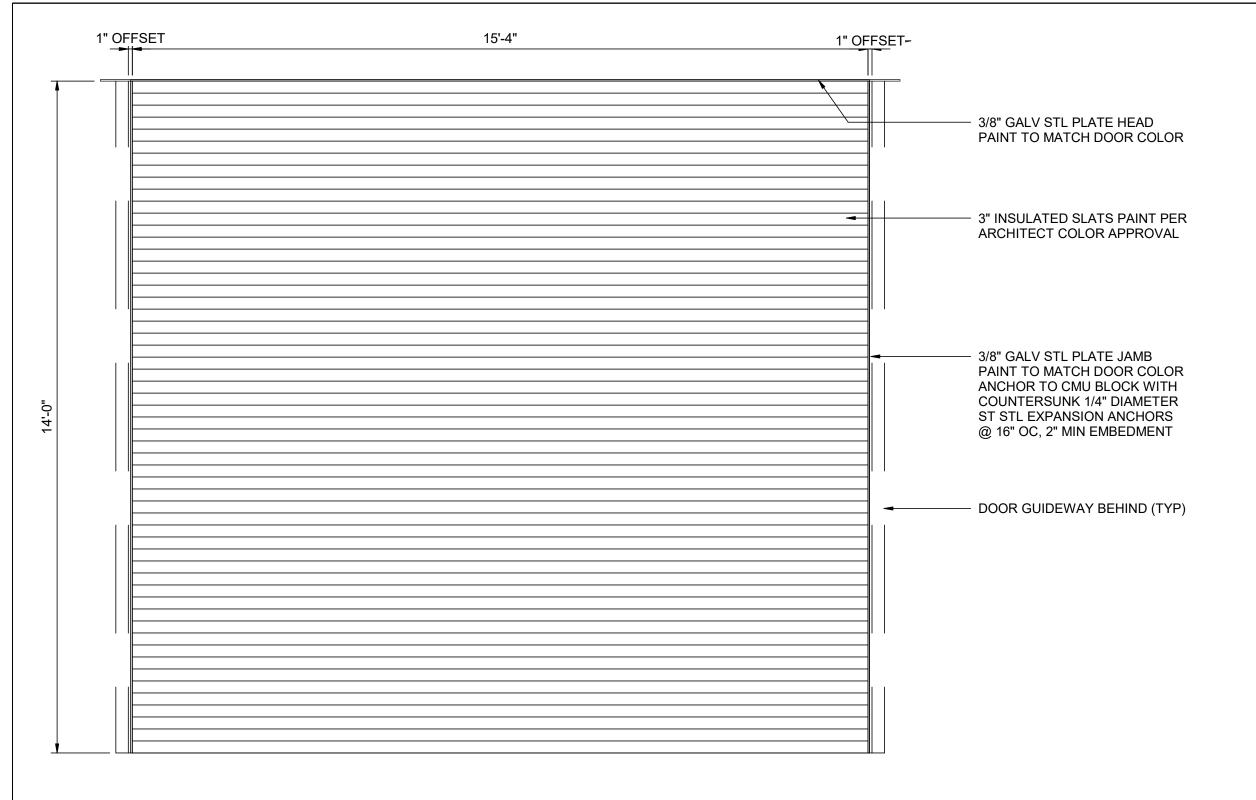


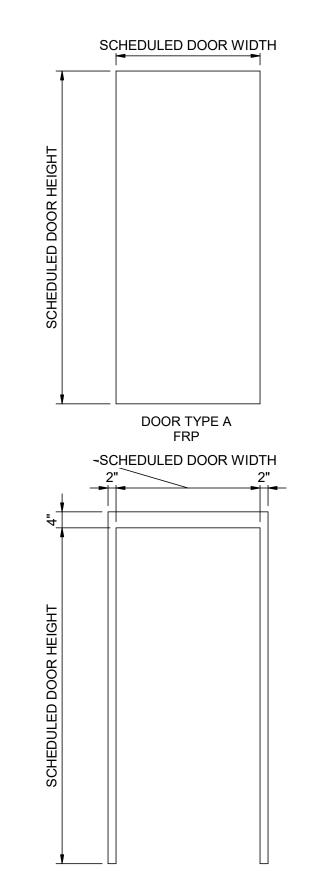
NJ LICENSED REGISTERED ARCHITECT



LAWRENCEVILLE WELL STATION WATER TREATMENT UPGRADES

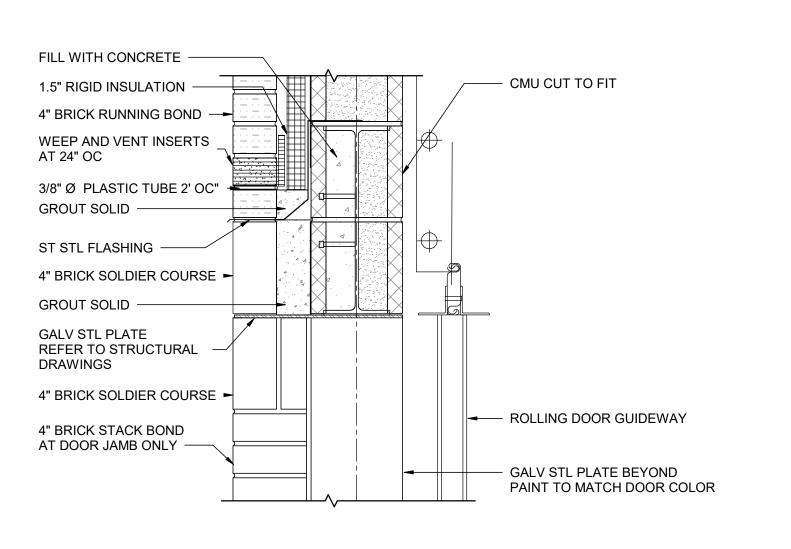
DATE JULY, 2022	AQUA NEW JERSEY, INC.		USE DIMENSIONS ONLY SCALE As indicated
PROJECT	USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES	ISSUE FOR BID	01A-09

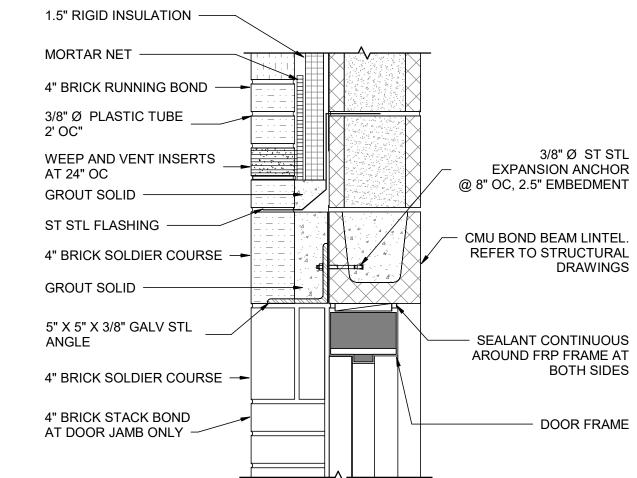




FRAME TYPE 1 FRP

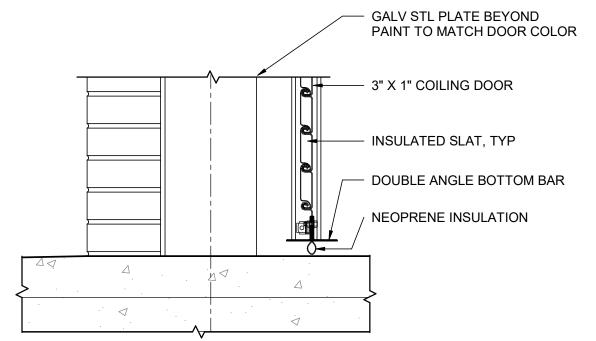
DOOR NO.	ROOM			DO	OOR			FRAME					HW SET REMARKS			
		W	Н	Т	MAT.	FINISH	TYPE	MAT.	FINISH	TYPE	HEAD	JAMB	SILL			
1	PROCESS ROOM	15'-4"	14'-0"	1"	GAL STL	PAINTED	В	-	-	-	2/01A-10	4/01A-10	6/01A-10	HW-2	STEEL COILING OVERHEAD DOOR, SECTION 08 33	
2	PROCESS ROOM	3'-0"	7'-0"	1 3/4"	FRP	-	Α	FRP	-	1	1/01A-10	3/01A-10	5/01A-10	HW-1	-	





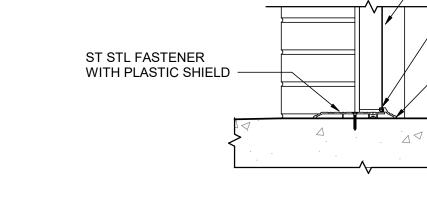


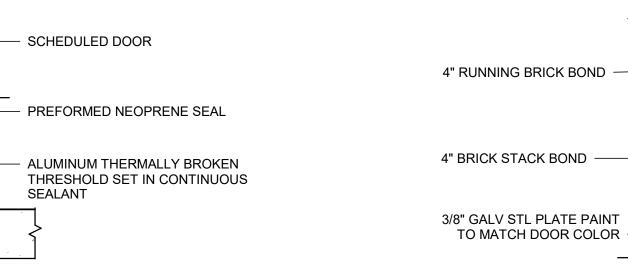


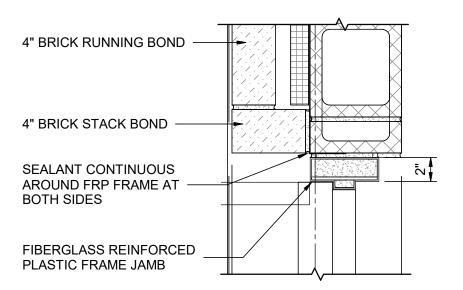


DOOR TYPE B

STEEL ROLLING OVERHEAD DOOR







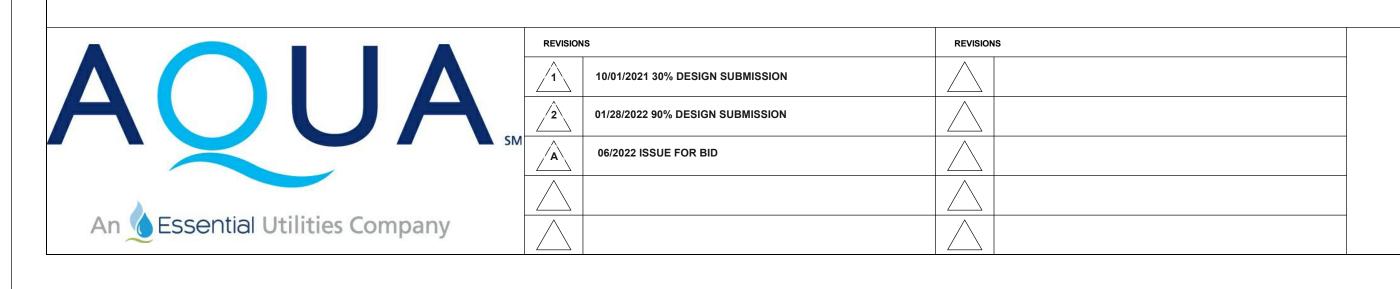
ROLLING DOOR JAMB



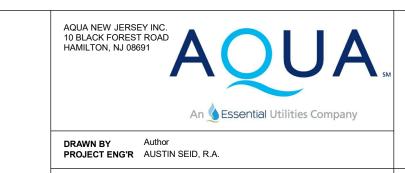
ROLLING DOOR SILL



SCHEDULED DOOR







CONTINUOUS MOUNTING

ST STL EXPANSION

INSIDE GUIDE ANGLE

OUTSIDE GUIDE ANGLE

- DOOR CURTAIN

ANGLE

ANCHOR

LAWRENCEVILLE WELL STATION WATER TREATMENT UPGRADES

DOOR SCHEDULE AND DETAILS

	DATE JULY, 2022	AQUA NEW JERSEY, INC.		USE DIMENSIONS ONLY SCALE As indicated
NJ LICENSED REGISTERED ARCHITECT NO. 21AI01874100	PROJECT	USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES	ISSUE FOR BID	01A-10