SUNRISE ENGINEERING

Logan Office
2100 N. Main Street, North Logan, Utah 84341 | Tel: 435.563.3734

HYDE PARK CITY
CITY HALL WELL HOUSE AND TRANSMISSION LINE
ADDENDUM #3

FEBRUARY 24, 2025

PLANHOLDER:

This Addendum #3 shall become part of the plans, specifications, and contract documents of the above-mentioned project, and all provisions of the contract shall apply hereto.

Bidders shall acknowledge receipt of all addenda by number in the space provided in the bid documents.

This Addendum #3 covers the following items:

- Addressing questions that have been received throughout the bidding process thus far (as of 02/24/25 @ 5:00 PM)
- Updating the deadline for submitting questions.

The ENGINEER will be taking questions throughout the bidding process. Please submit your questions by emailing them to jnelson@sunrise-eng.com. The ENGINEER will stop receiving questions on **February 25th at 2:00 PM** to allow for ample time to respond to the questions. All questions received after this time will not be answered. The bids will be opened at the Hyde Park City Hall located at 113 E Center Street, Hyde Park City, UT 84318 on **February 27th at 2:00 pm**.

Questions and Answers

Below are the following questions that have been submitted with their corresponding answers:

Q: For the purpose of securing the bid bond, what is the estimated budget for this project?

A: Approximately $1.8 million.

Q: Who will be providing the VFD and is it wall mount or housed in the Pump Control Panel?

A: The general contractor is responsible for providing the VFD, whether that is them directly, a sub-contractor, or a pump supplier it does not matter. The VFD will be housed in the pump control panel.

Q: Does Hyde Park have a manufacturer preference for the VFD?

A: No.

Q: Is the pump to be sole sourced through Glenn's Electric for the SIM Flow Pump?

A: No. Approved equals may be submitted during the submittal process for engineering review. They may be accepted if they meet the same design outputs as the selected pump shown on drawing G6. The bowl and discharge head shall be NSF-61 CERTIFIED, per State of Utah Drinking Water Standards. The column and shaft shall be NSF-61 compliant. The bowl exterior, suction intake and discharge case, as well as the entire discharge head shall be coated with a NSF-61 certified fusion bonded epoxy equal to Scotchkote 134-A. The impellers shall be 316 Stainless Steel or an approve bronze-nickel alloy.

Q: Will you provide written approval for alternative options for variable frequency drives.

A: Alternative products that meet the project design standards and specifications are acceptable but will not be approved during the bidding process. Any approved equals will be approved by the engineer during the submittal process.

Q: Can you clarify the diameter of manhole needed for the air-vac? Sheet PP8 shows 72". Detail G(CW-12) Shows a 60" Diameter.

A: The diameter for the manhole for the air-vac and check valve is to be 72" as shown on PP8. It is larger than the standard detail to allow room for the check valve that is not part of the standard detail.

Q: Can you provide the dimensions of the existing box Culvert?

A: The inside dimensions of the box culvert are:
Width=12'
Height=4'
Top slab thickness=13"
Section Length=6'

Q: What does the length of the new box culvert piece need to be? I am guessing the ones that are there are 6' lay length, but I am not sure. H-20 loading okay? Alos, I cant remember the connection type on the railing. Was it post-installed on the existing or are there weld plates?

A: The culvert section should be 6' in length. The design loading shall be HL-93. The railing connection type is post-installed on the existing.

Q: Can you clarify the grate type required for CB A9? I can tell if this is going to end up in a curb or not. Also, I am assuming an open back hooded grate for anything getting poured into a curb and a 3x3 square traffic grate for everything outside the curb. Please confirm this is accurate. Also, do you want CB A8 and CB A5 furnished with traffic grates even thought they are in landscape? (as a side note there is some box numbering discrepancies and pipe diameter discrepancies on sheet SD1)

A: CB-A9 should be an open back hooded grate. That is the correct assumption that anything in the curb should be an open back hooded grate and boxes outside the curb should have a 3x3 traffic grate. CB-A5 and CB-A8 should have traffic grates. The numbering discrepancies will be cleaned up after the bid.

Q: Please clarify the size of box A1. Sheet SD 1 shows this as 4x4 (assuming inside). Sheet WH1 shows this 4x4 on the outside.

A: CB-A1 is a 4x4 box measured as the inside dimensions.

Q: Can the grating on box A1 be cast flush with the top of the box or will you allow a ledger frame bolted into the side of the box rather than have it cast as shown? To have the box tiered on the inside is expensive and requires custom forming. Also, is

the grating 2” both directions or can it be 2”x4”? What is the required grating thickness and finish? (Paint, galvanized, raw steel, aluminum, etc..)

A: Yes the grating for A1 can be cast flush with the top of the box or will allow a ledger frame bolted into the side of the box. The grating can be 2”x4”, finish shall be galvanized and the grate is to be rated for pedestrian loads.

Q: Can the test pump specs from the well drilling be provided

A: The approved submittal from test pumping will be provided.

Q: Is the pump, oil lubed?

A: Yes.

Q: Can an as-constructed drawing for the well in its existing state be provided?

A: Yes. It will be attached to this addendum.

Q: Should all the concrete flatwork/sidewalk around the wellhouse building be considered 4” concrete over 6” of road base? Or will thicker sections be required to accommodate vehicular traffic?

A: Yes. It will all be 4” concrete over 6” of road base except for the generator pad.

Q: Please confirm depths on the following landscape materials: 2” River Rock; 1 ½” fractured grey Pisgah Rock; 2” fractured rock (in park strip along roadway)

A: River Rock Depth= 3”
Park Strip 2” fractured Grey Rock Depth= 3”
Well House Site 1-1 ½” fracture grey Pisgah rock depth= 2”

Q: Who will cover the cost for required special inspections?

A: There will be no cost for any inspections performed by the Hyde Park Building department charged to the contractor.

Q: Which item should we include the cost for the gravel driveways in?

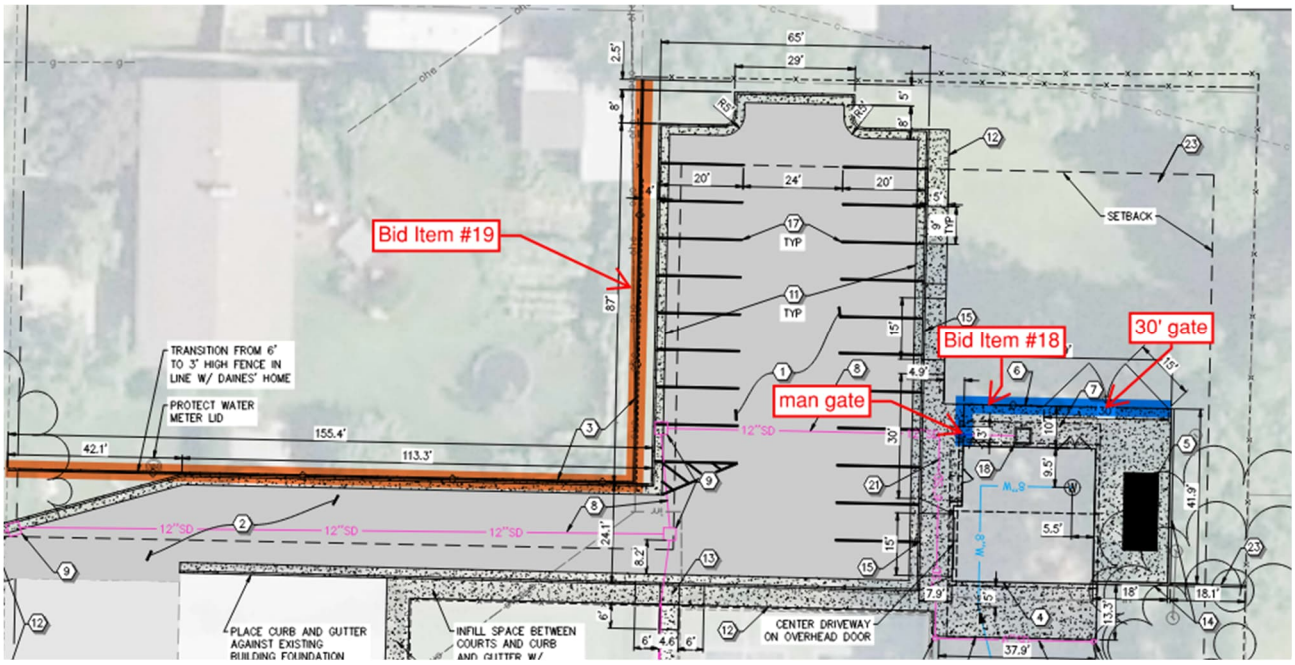
A: 45, landscape restoration.

Q: Would they take an EIFS product in lieu of Stucco?

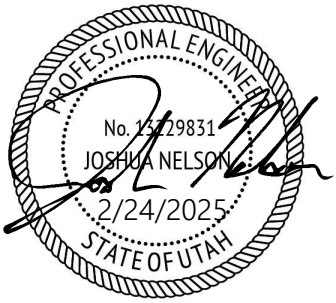
A: Budget for stucco, alternate products can be discussed during the submittal process.

Q: Please clarify where the 2 different fences and gates are located.

A: See image:



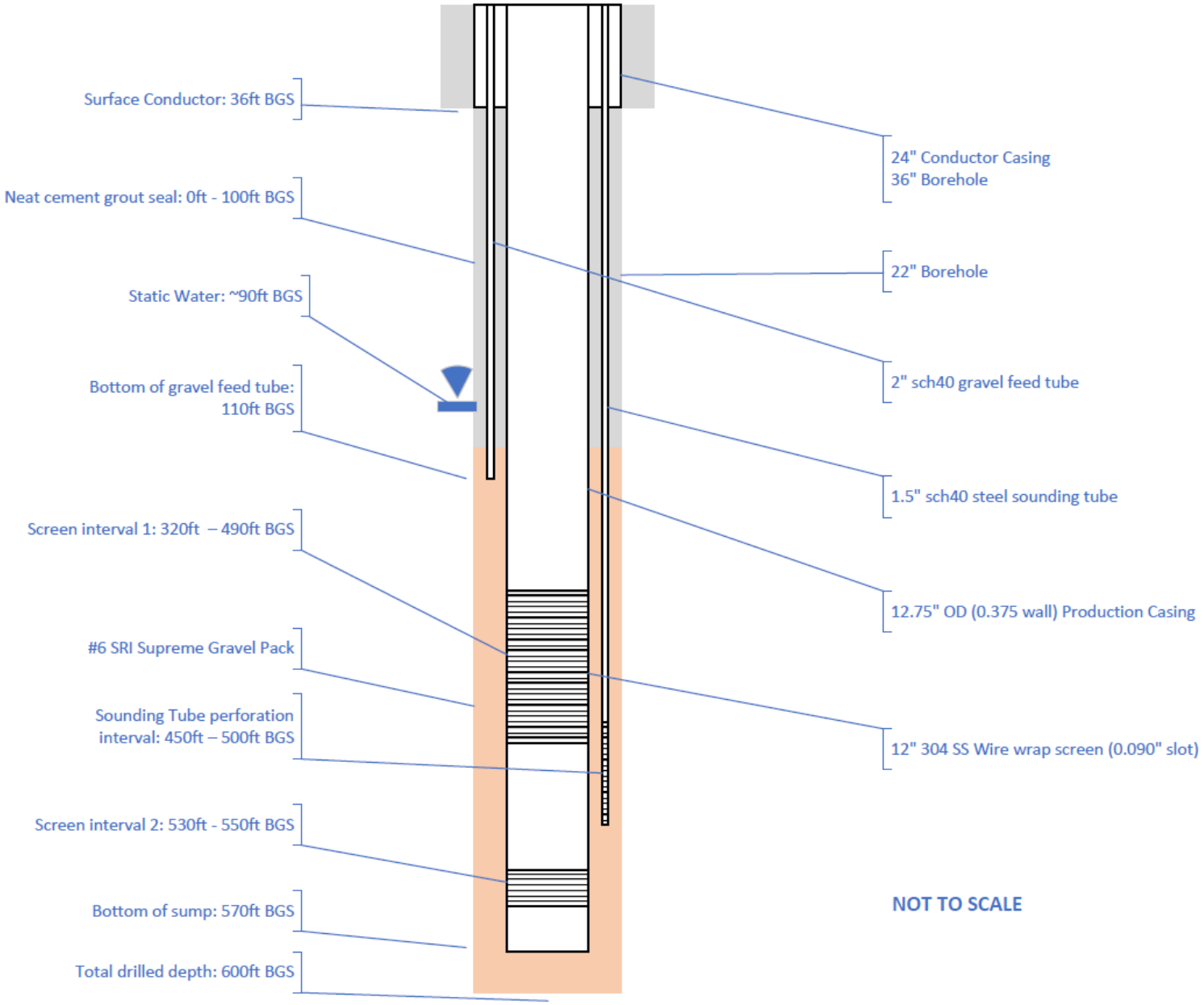
Sincerely,



Josh Nelson, PE
Sunrise Engineering

Hydro resources - Rocky Mountain, Inc.

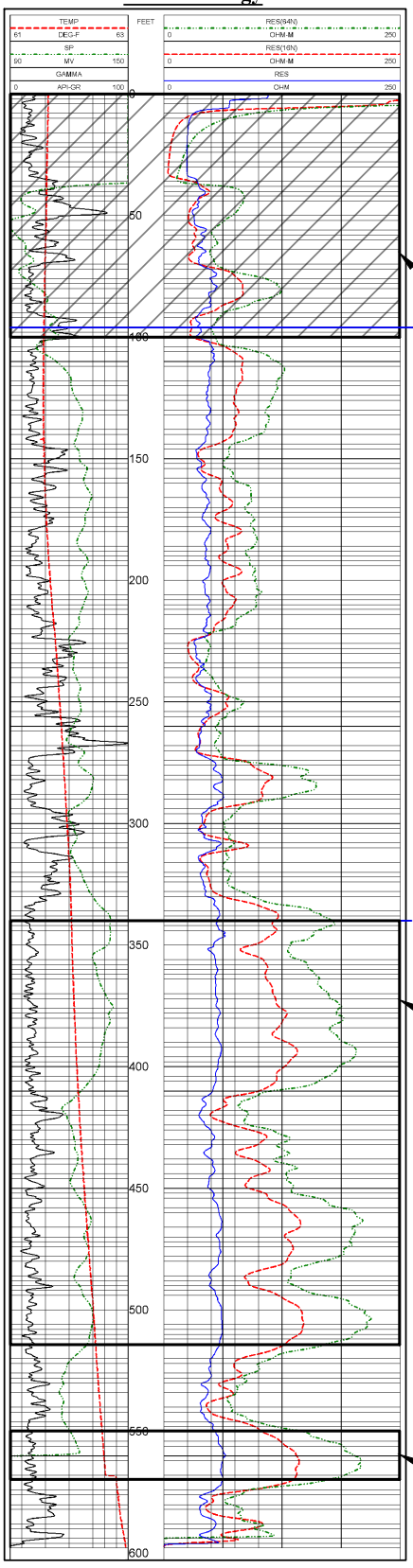
Hyde Park City Culinary Water Well
Constructed June 2024: Final As-Built



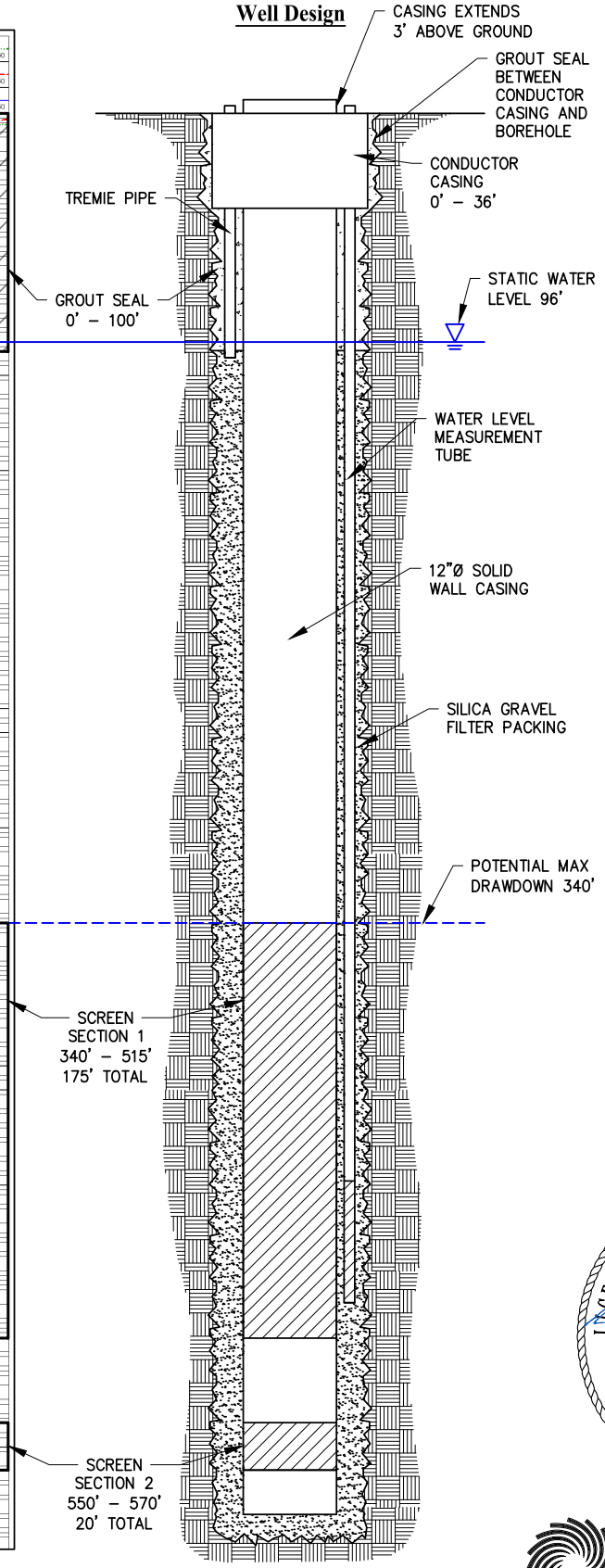
13027 County Road 18, Unit C Fort Lupton, CO 80621 Ph (303) 857-7540 Fax (303) 857-3826

FINAL
PRODUCTION WELL PLAN

Well Lithology



Well Design



Construction Notes:

STAINLESS STEEL SCREENS SHALL HAVE AN OPENING OF 0.090".

GRAVEL PACK SHALL BE SILICA PRODUCTS #6 UNIFORMITY COEFFICIENT = ~1.4 < 2.5.

WELL CONSTRUCTION IS TO FOLLOW SUNRISE ENGINEERING PROJECT SPECIFICATION SP1310.

C:\Users\JACOB~1.LEA\AppData\Local\Temp\AcPublish_19052\HYD – WELL PLAN.dwg Jun 13, 2024 2:08pm jacob.leatham

LICENSED PROFESSIONAL ENGINEER
No. 12401899
Steven David Wood
06/13/2024
STATE OF UTAH

SUNRISE ENGINEERING
2100 NORTH MAIN
NORTH LOGAN, UTAH, 84341
TEL 435.563.3734
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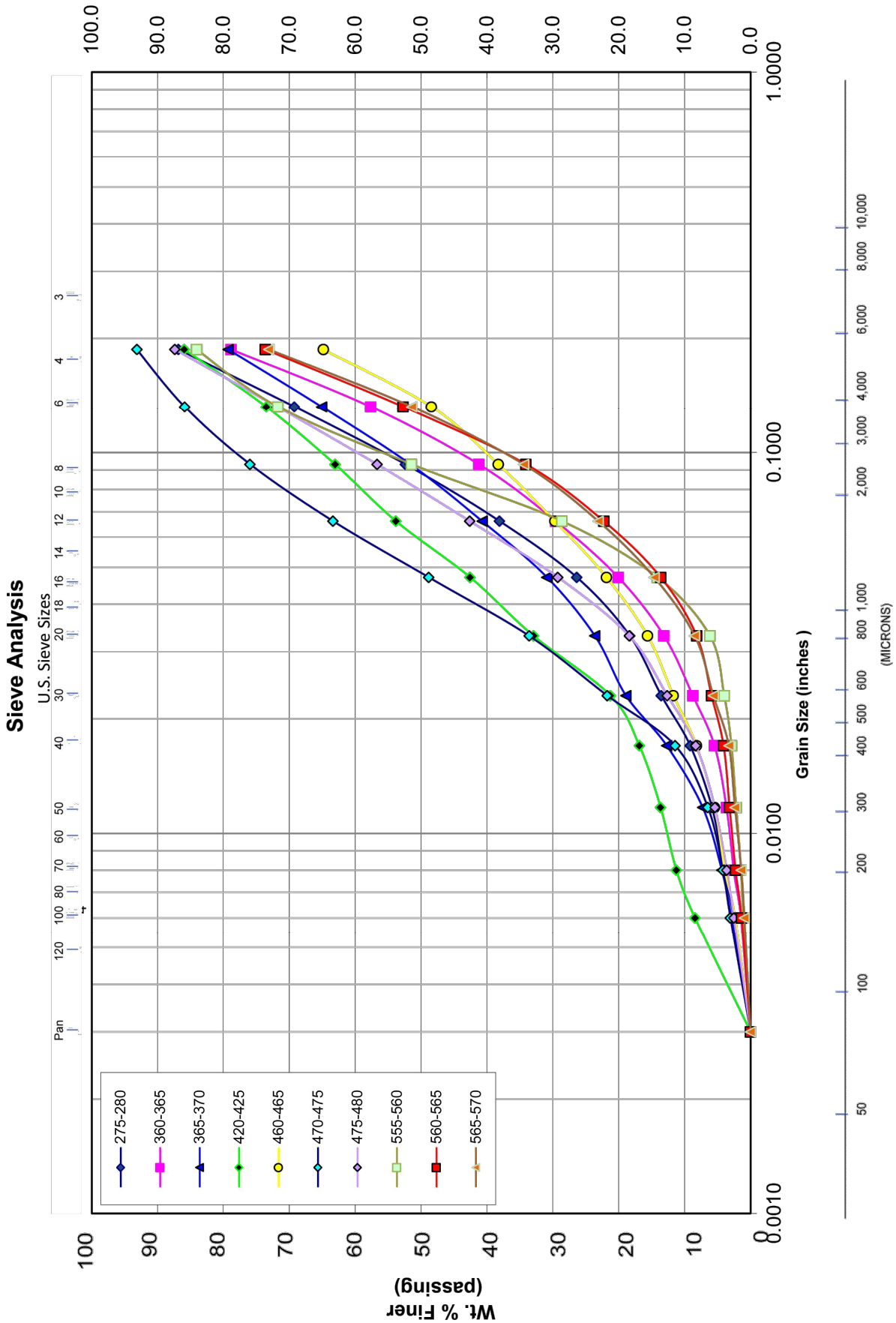

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SILICA PRODUCTS

PRODUCT: *#6* **DATE:** 11/15/2022

OPENING MICRON	OPENING INCHES	STANDARD SIEVE	WEIGHT	% RETAINED	% PASSED	% Individual	SPEC.	OTHER
37500	1.5	1 1/2"						
25000	1	1"						
19000	0.75	3/4"						
16000	0.625	5/8"						
12500	0.5	1/2"						
9500	0.375	3/8"						
6300	0.25	1/4"						
4750	0.187	#4	0	0.0%	100.0%	0.0%		
4000	0.157	#5						
3350	0.132	#6	34.9	21.0%	79.0%	21.0%		
2800	0.11	#7						
2360	0.0937	#8	152.9	91.8%	8.2%	70.9%		
2000	0.0787	#10	165	99.1%	0.9%	7.3%		
1700	0.0661	#12	166	99.7%	0.3%	0.6%		
1400	0.0555	#14						
1180	0.0469	#16						
1000	0.0394	#18						
850	0.0331	#20						
710	0.0278	#25						
600	0.0234	#30						
500	0.0197	#35						
425	0.0165	#40						
355	0.0139	#45						
300	0.0117	#50						
250	0.0098	#60						
212	0.0083	#70						
180	0.007	#80						
150	0.0059	#100						
125	0.0049	#120						
106	0.0041	#140						
75	0.0029	#200						
PAN	**PAN**	**PAN**	166.5	100.0%	0.0%	0.3%		

COMMENTS:

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ATTACH THIS FORM TO EACH SUBMITTAL REVIEWED AND FILED

SUNRISE ENGINEERING, INC.
2100 NORTH MAIN STREET
NORTH LOGAN, UTAH 84341

SUBMITTAL REVIEW AND TRANSMITTAL FORM

JOB NAME:	**Hyde Park City Hall Well**						
DATE: **22-May-24**		CONTRACTOR:	**Hydro Resources - Rocky Mountain, Inc.**				
DATE RECEIVED:	**14-May-24**	JOB NUMBER:	**S09117**	LOG NUMBER	**7**	MASTER SUBMITTAL NUMBER:	**1.6.0**
NO. OF COPIES RECEIVED	**1**	NUMBER OF COPIES RETURNED			**1**	REVIEWED BY:	**JL & SW**

SUBJECT OR DESCRIPTION OF EQUIPMENT: Test Pump Curve

MANUFACTURER NAME OR ORIGINATOR OF SUBMITTAL: Baker Hughes

REFERENCE NUMBERS TO SPECIFICATION IN MANUAL: 13110.2

ACTION TAKEN: **Accepted as Noted**

REMARKS:

DATE RETURNED: May 22, 2024

Submittal No.	2
Date:	5/14/2024

Submittal Cover Sheet

Project:	Hyde Park City Culinary Well
Contractor:	Hydro Resources - Rocky Mountain, Inc.
Engineer:	Sunrise Engineering
Owner:	Hyde Park City

Item	Description	Section No.	Review Action	Reviewer Initials	Review Comments Attached Y/N
1	Test pump curves	13110.3.4.3.1	NET	JL & SW	Y

* NET = No Exceptions Taken, MCN = Make Corrections Noted, A&R = Amend and Resubmit, R=Rejected

_____ We have verified that the material or equipment in this submittal meets the requirements including coordination with all related work specified (no exceptions)

_____ We have verified that the material or equipment contained in this submittal meets all the requirements specified except for the attached deviations.

No. Deviation

_____ _____

_____ _____

_____ _____

Hydro Resources - Rocky Mountain

5/14/2024

Project Manager Date

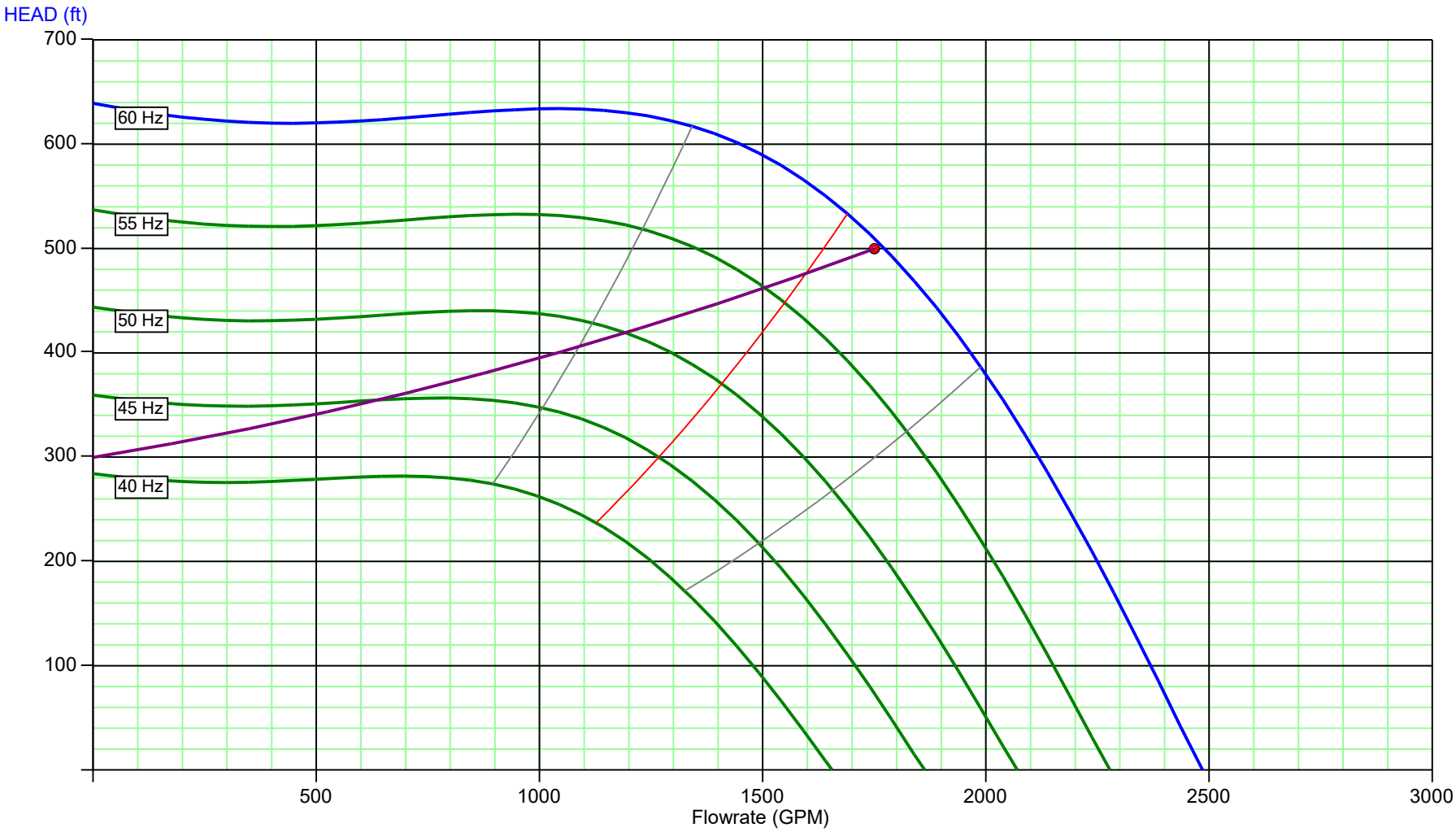
SUNRISE ENGINEERING
2100 North Main,
North Logan, UT 84341
435.563.3734
Status: Accepted
By:
Date: 05/22/2024

Baker Hughes

WNE1600 Pump 900 SERIES

5 Stage Performance Curve

Sp.Gr.=0.993



Baker Hughes

WNE1600 Pump 900 SERIES

5 Stage Performance Curve

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