



Wet Rock Groundwater Services, L.L.C.

Groundwater Specialists

TBPG Firm No: 50038

317 Ranch Road 620 South, Suite 203

Austin, Texas 78734 • Ph: 512-773-3226

www.wetrockgs.com

November 16, 2017

Mr. John Dupnik, P.G.
Barton Springs Edwards Aquifer Conservation District
1124 Regal Row
Austin, Texas 78745

RE: Administrative Completeness Review of Well Modification Applications submitted by Electro Purification, LLC, for authorization to permanently complete seven (Bridges Wells No. 1, 2, 3, 4 and Odell Wells No 1, 2, 3) previously drilled test wells proposed to produce from the Middle Trinity Aquifer.

Dear Mr. Dupnik:

This letter serves as Electro Purification's ("EP") response to additional information requested by the Barton Springs Edwards Aquifer Conservation District (the District) in your letter dated October 11, 2017.

3-4.4(A)(7)(a) – Nature, Purpose and Location

The four proposed exempt wells (Bridges Well Nos. 3, 4 and Odell Well Nos. 1, 3) will be used for livestock and domestic use by the owners of the respective tracts. The wells will be completed as exempt wells, pursuant to District rules, and available to the landowners immediately thereafter for such beneficial uses. Until the owners decide to install their pumps and communicate use, they will be capped, pursuant to District Rules. The proposed receiving area for each of the wells, respectively, is the Bridges Ranch and Odell Ranch. The anticipated use would be for livestock at the location of the well, and potentially domestic use back at the existing homestead on the Bridges and Odell properties, respectively.

If the District considers designating any of the exempt wells as monitoring wells, with the respective landowner's consent, any of the proposed exempt wells may be considered as designated long-term monitoring wells.

3-4.4(A)(7)(b) – Pumpage Volume

The timeframe in which pumps will be installed in the four proposed exempt wells is unknown. As noted above, the wells will be constructed and capped. Sometime in the future the wells will have pumps placed and in use. At the time pumps are installed, they will comply with District Rules for maximum exempt production volumes.

3-4.4(A)(7)(c) – Well Construction Schematics

Please find attached to this letter updated well schematics. Regarding the type H cement on PWS wells, I contacted Vera Poe at TCEQ (Plan Review Section) and copied District staff on the email. Ms. Poe indicated that the TCEQ requires only Class A or B cement, and that an “exception” would need to be acquired to use type H. The District staff is currently working with the TCEQ to acquire approval for type H. If not, EP will ask for an exception to use type H cement from the TCEQ.

Please call me at 512-773-3226 if you have any questions or require additional information.

Respectfully submitted,



Kaveh Khorzad, P.G.

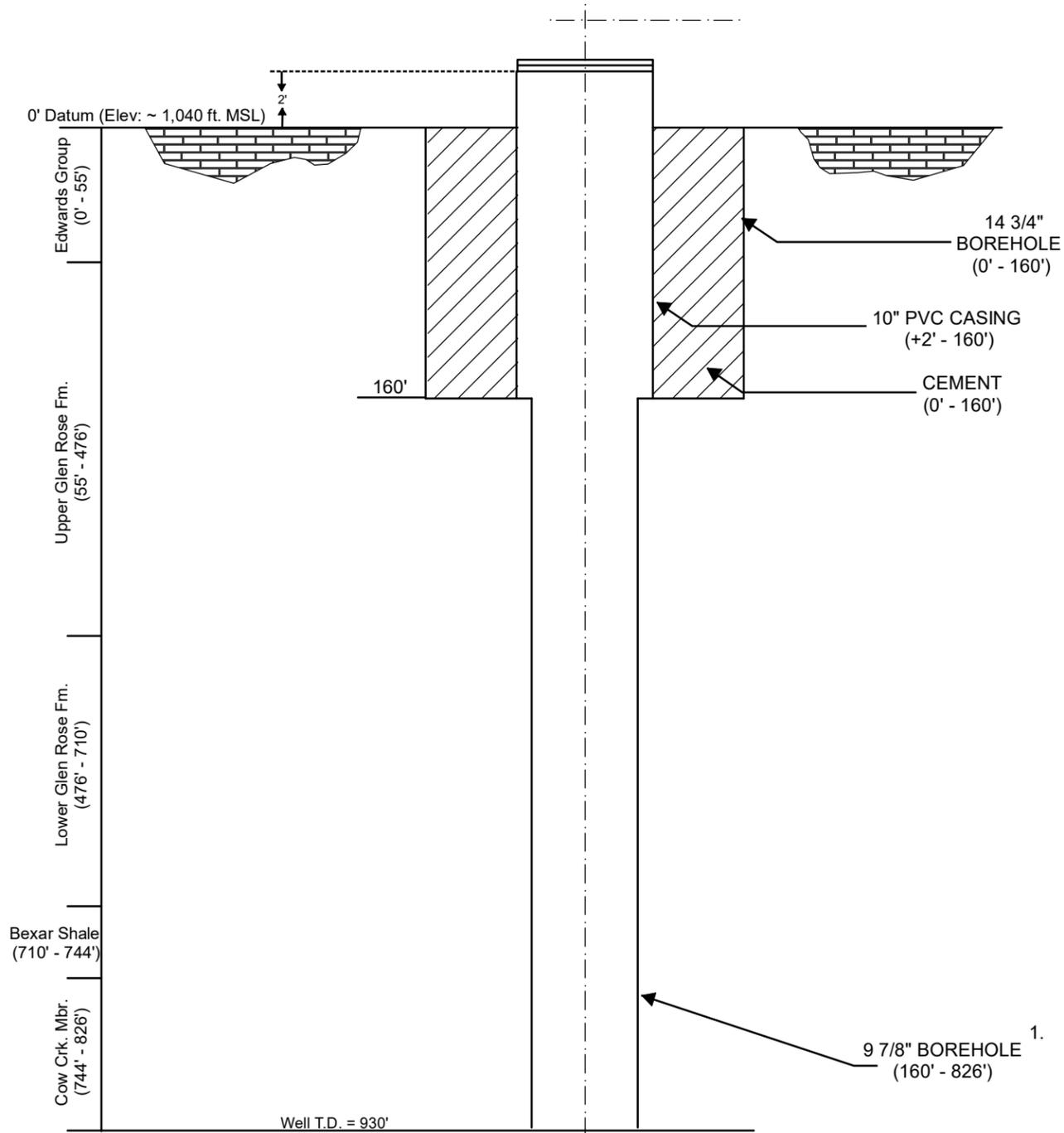
KK/bms

ENCL:

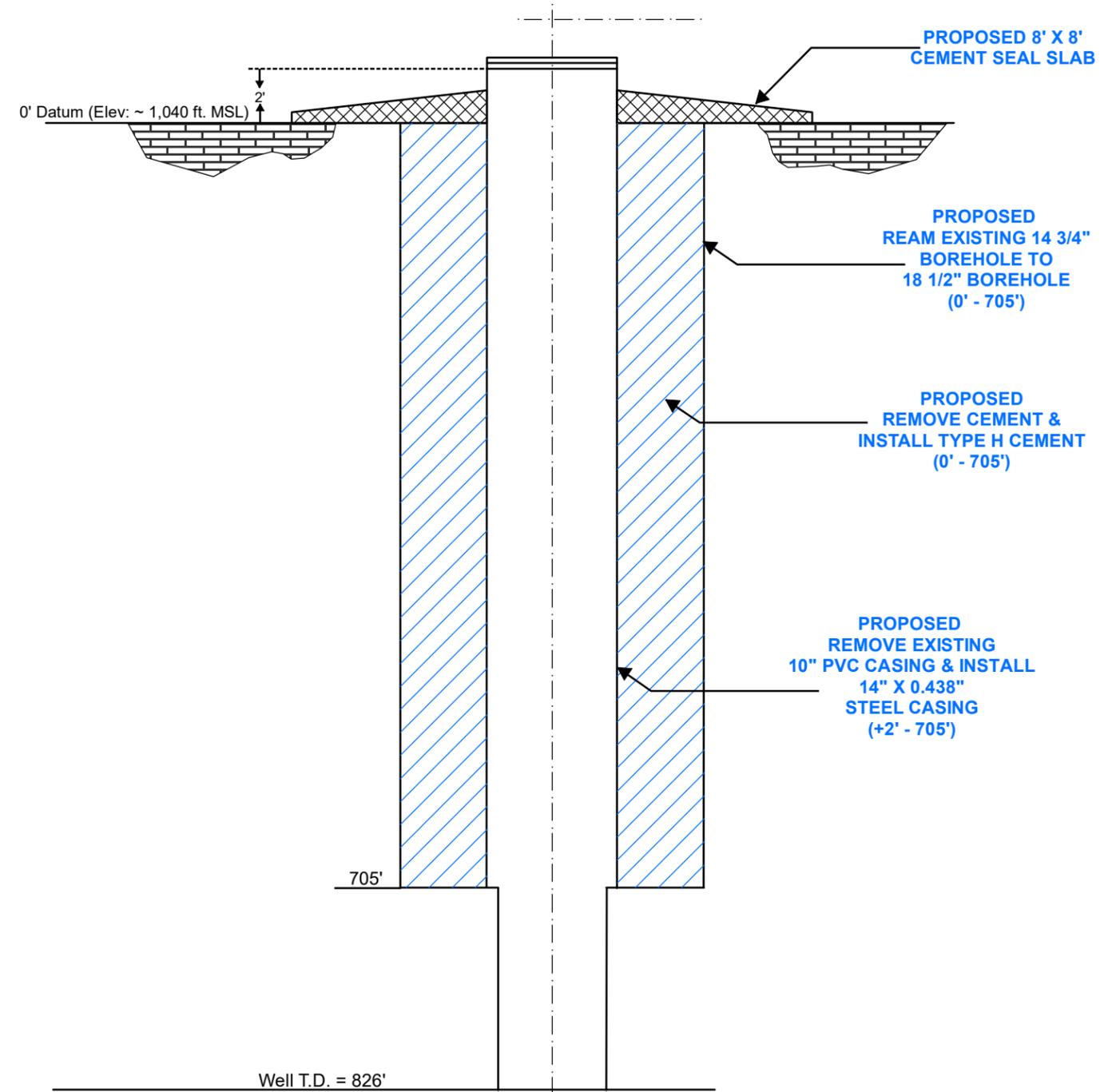
cc: Electro Purification, LLC



Existing Well Profile



Proposed Improvements



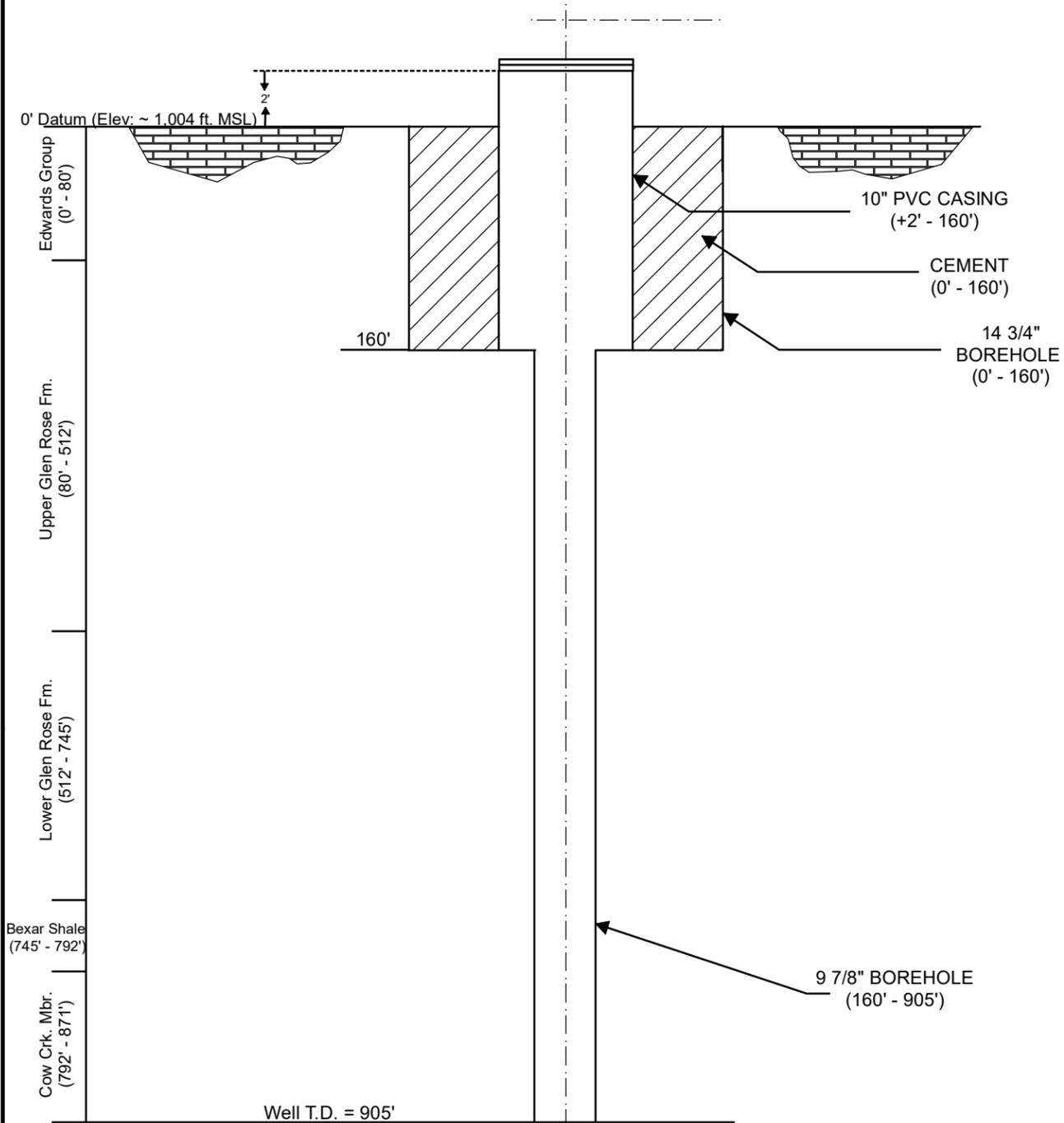
Notes:

1. Well profile based upon State Well Report (Tracking # 364899) The pilot hole was originally drilled to 930 ft. However the borehole sloughed off from the Hammet Clay downwards reducing the total depth.

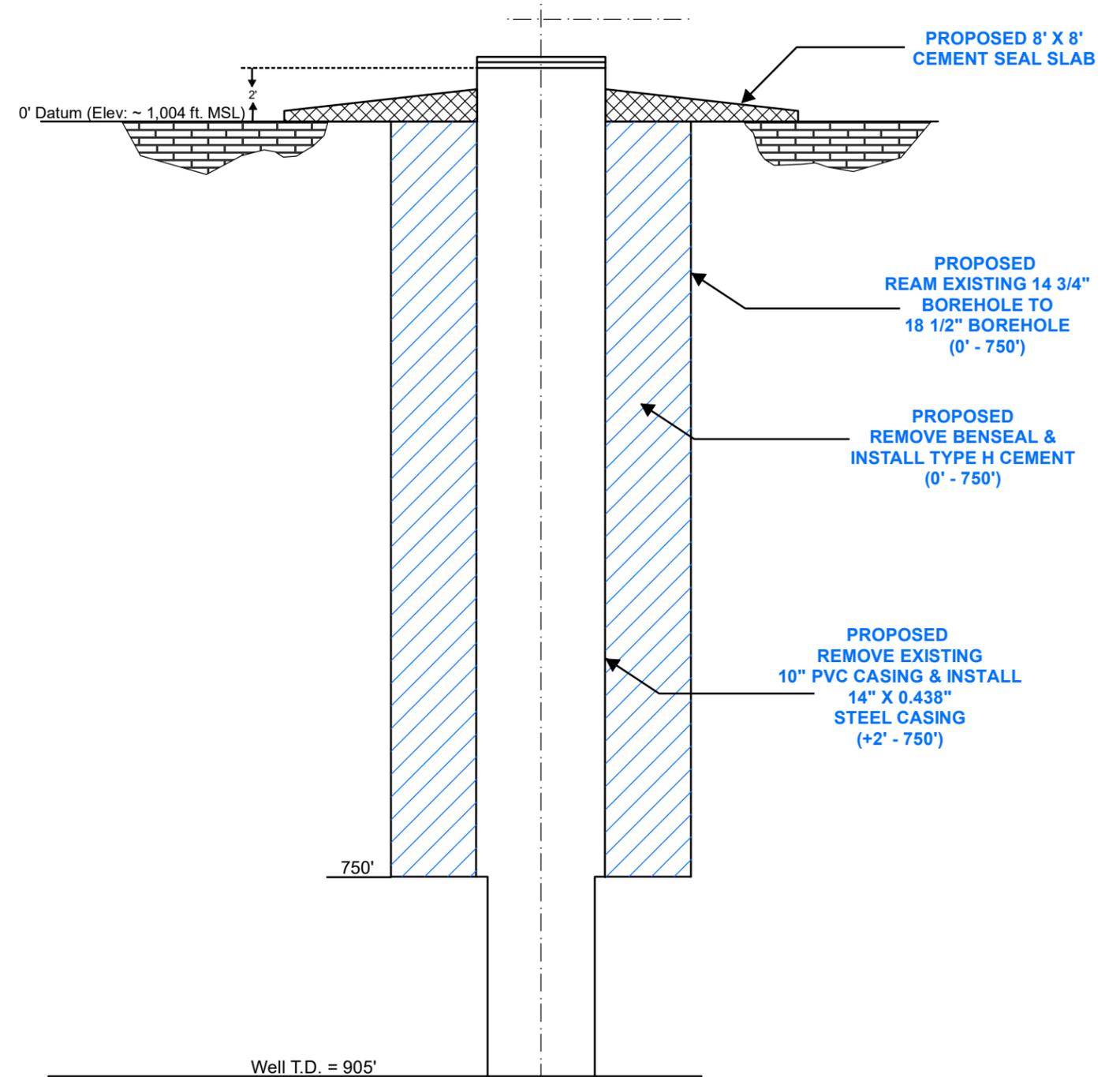
SCALE: NONE
APPROVED BY: KK DATE: 10-26-17
REVISED BY: DATE:
DRAWING NO: W-1
SHEET: 1 OF 7

Well Profile: Bridges Well No. 1	
Electro Purification, LLC Hays County, Texas	
	Wet Rock Groundwater Services, LLC Groundwater Specialists TBPB Firm No: 50038 317 Ranch Road 620 South, Suite 203 Austin, Texas 78734 Ph: 512.773.3226 www.wetrockgs.com

Existing Well Profile



Proposed Improvements



Notes:

- 1. Well profile based upon State Well Report (Tracking # 364900).

SCALE: NONE
APPROVED BY: BB DATE: 10-26-17
REVISED BY: DATE:
DRAWING NO: W-6
SHEET: 6 OF 7

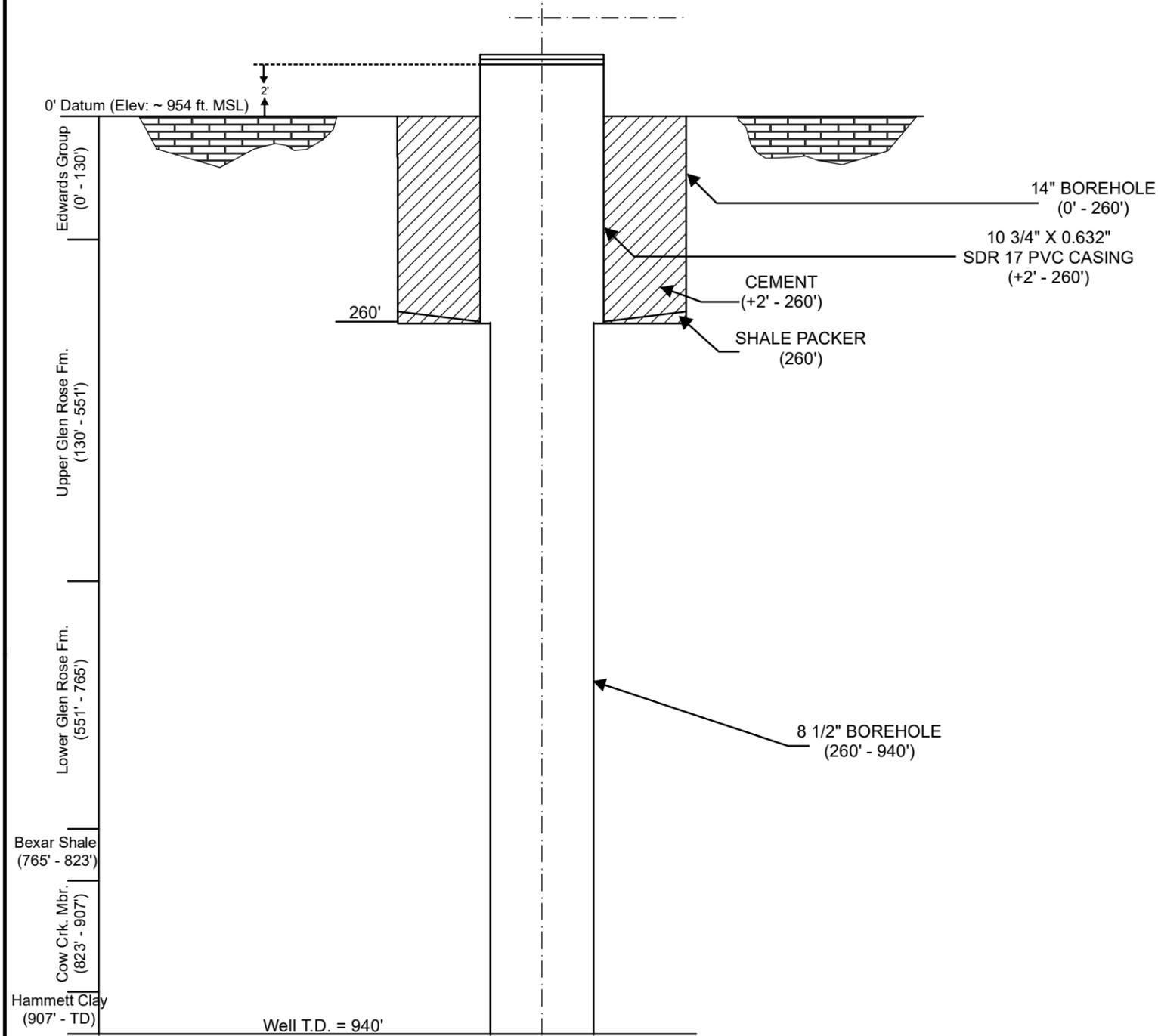
Well Profile: Bridges Well No. 2

Electro Purification, LLC
Hays County, Texas

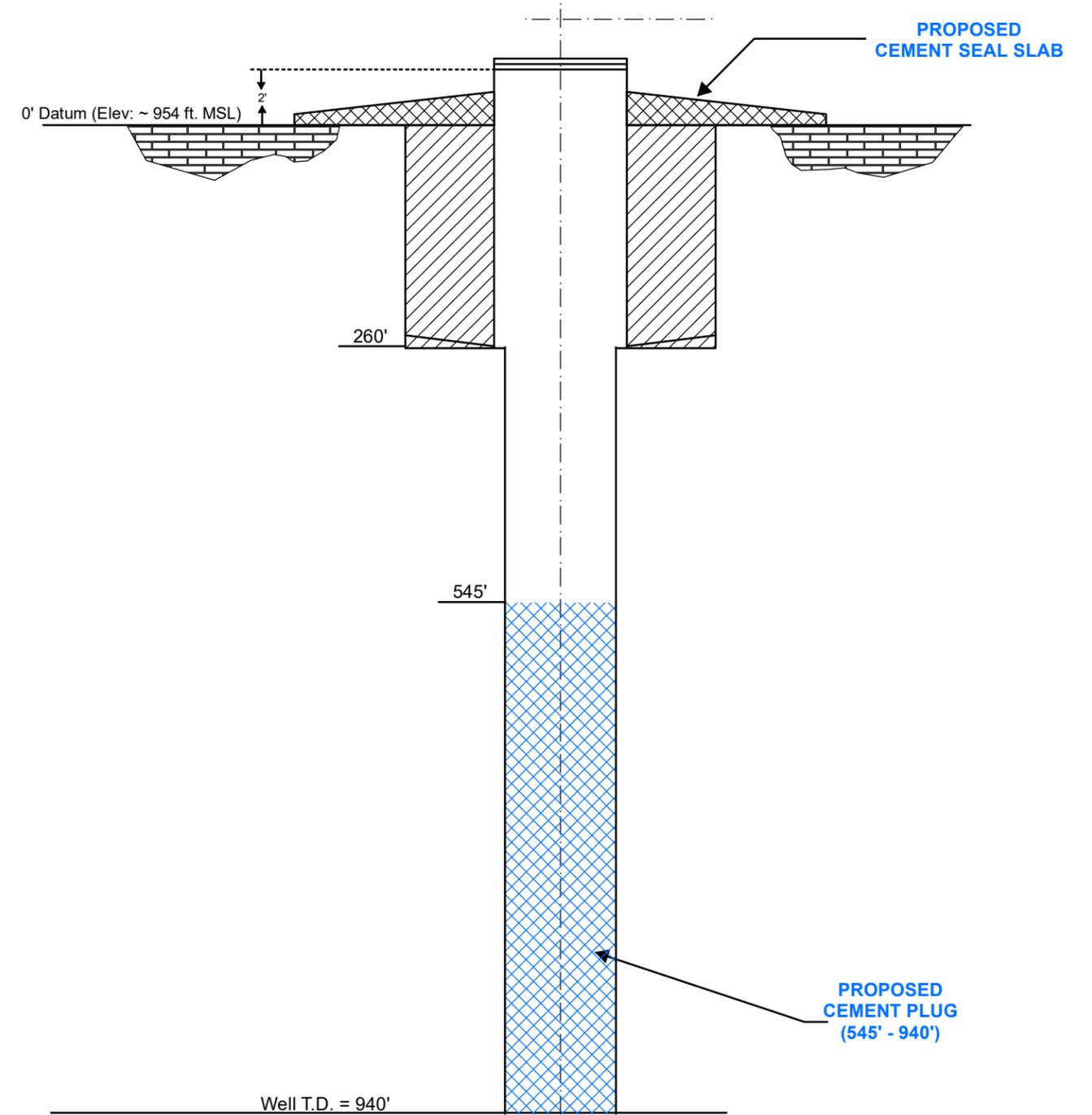
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Existing Well Profile



Proposed Improvements



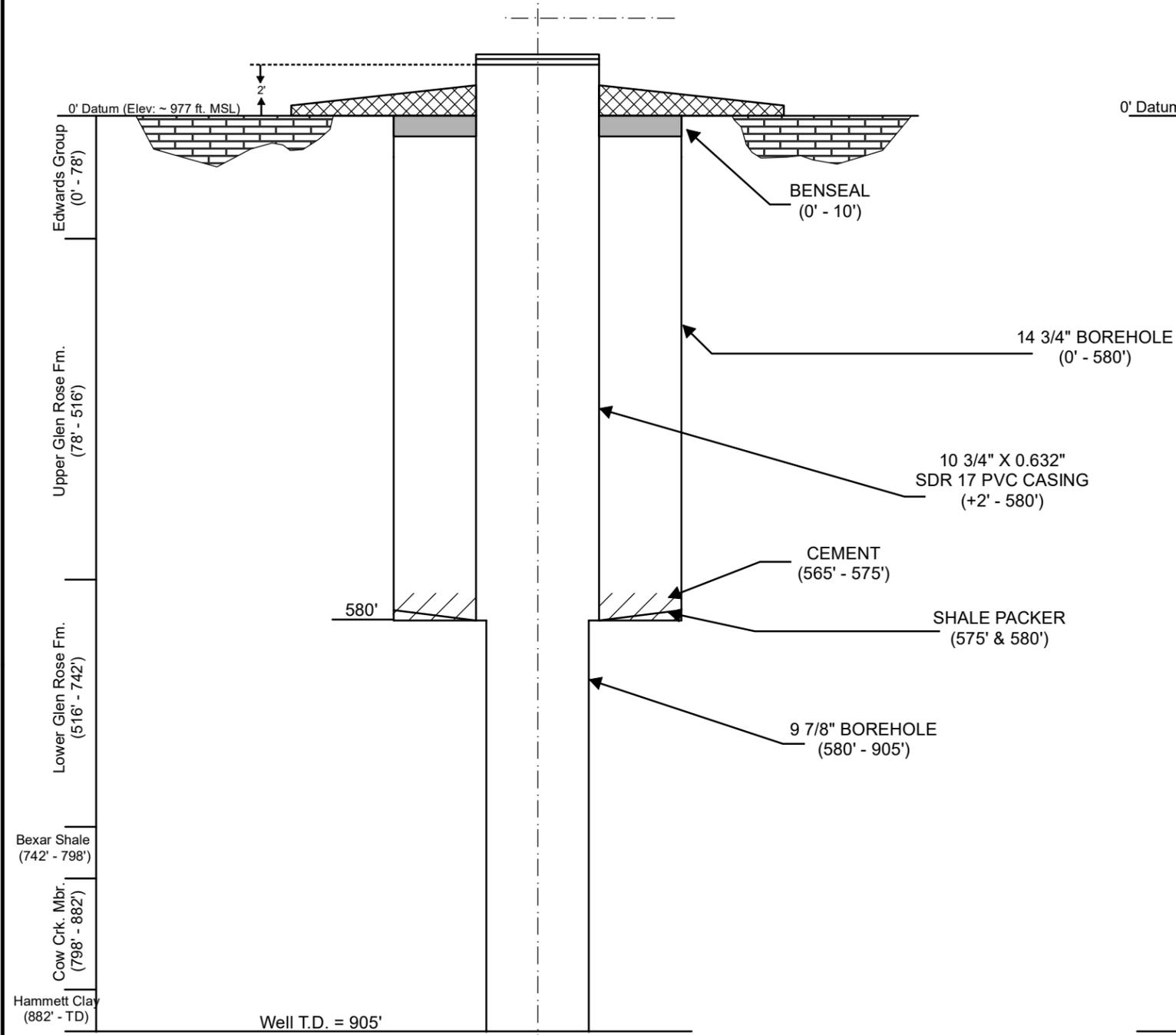
Notes:

- 1. Well profile based upon State Well Report (Tracking # 353110)

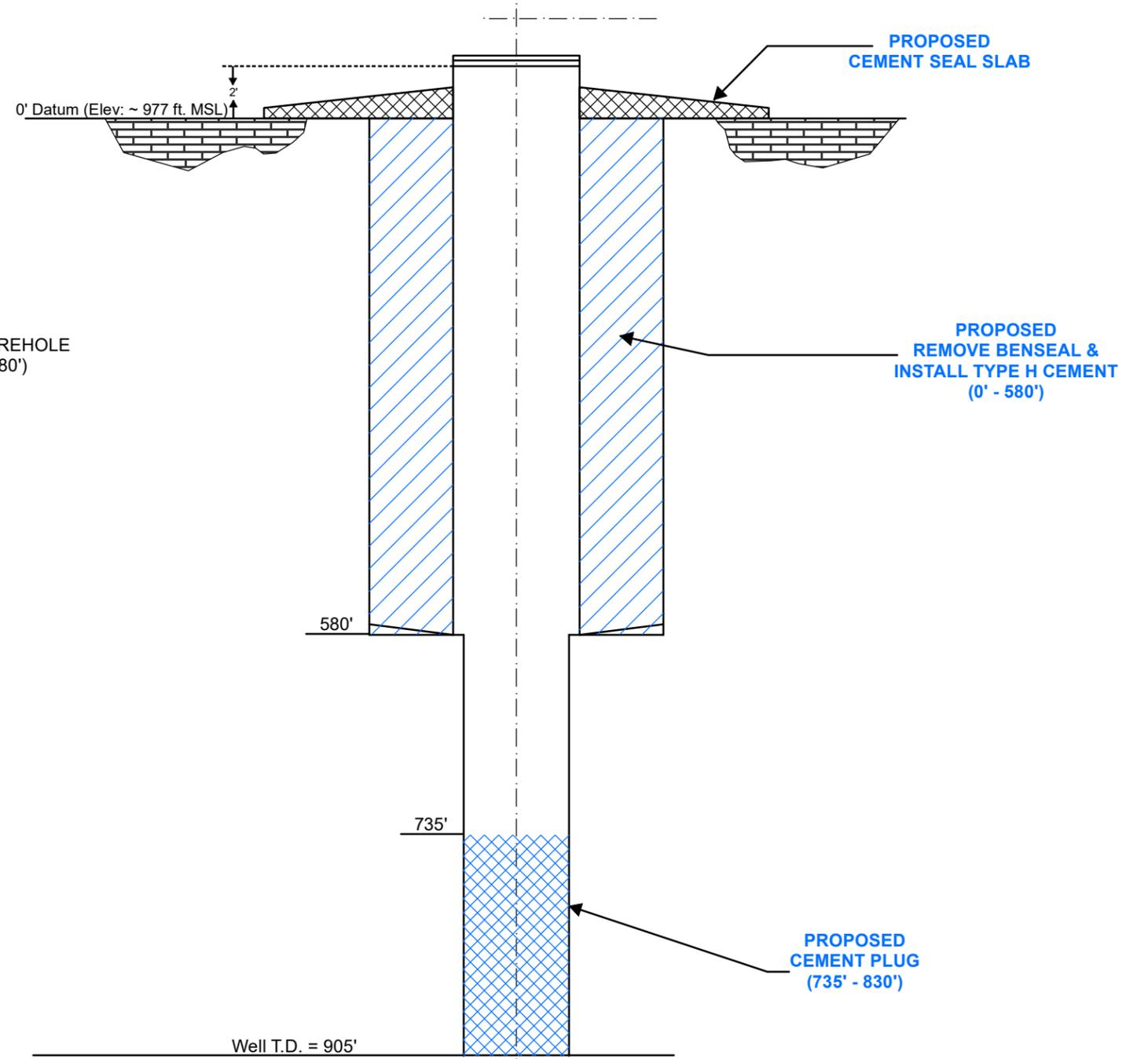
SCALE: NONE
APPROVED BY: KK DATE: 10-26-17
REVISED BY: DATE:
DRAWING NO: W-3
SHEET: 3 OF 7

Well Profile: Bridges Well No. 3	
Electro Purification, LLC Hays County, Texas	
	Wet Rock Groundwater Services, LLC
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Existing Well Profile



Proposed Improvements



Notes:

- 1. Well profile based upon State Well Report (Tracking # 388365)

SCALE: NONE
APPROVED BY: KK DATE: 10-26-17
REVISED BY: DATE:
DRAWING NO: W-4
SHEET: 4 OF 7

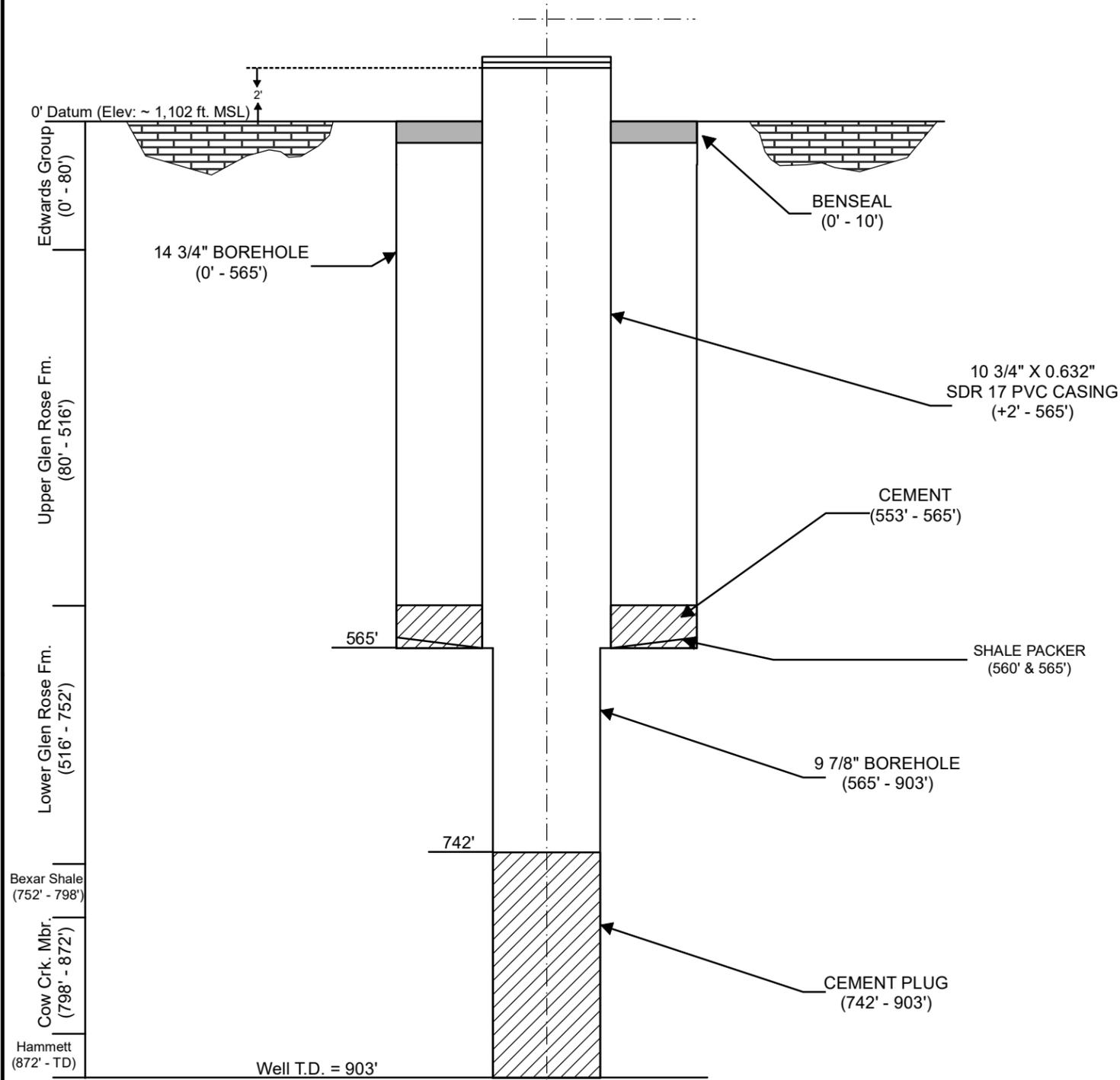
Well Profile: Bridges Well No. 4

Electro Purification, LLC
Hays County, Texas

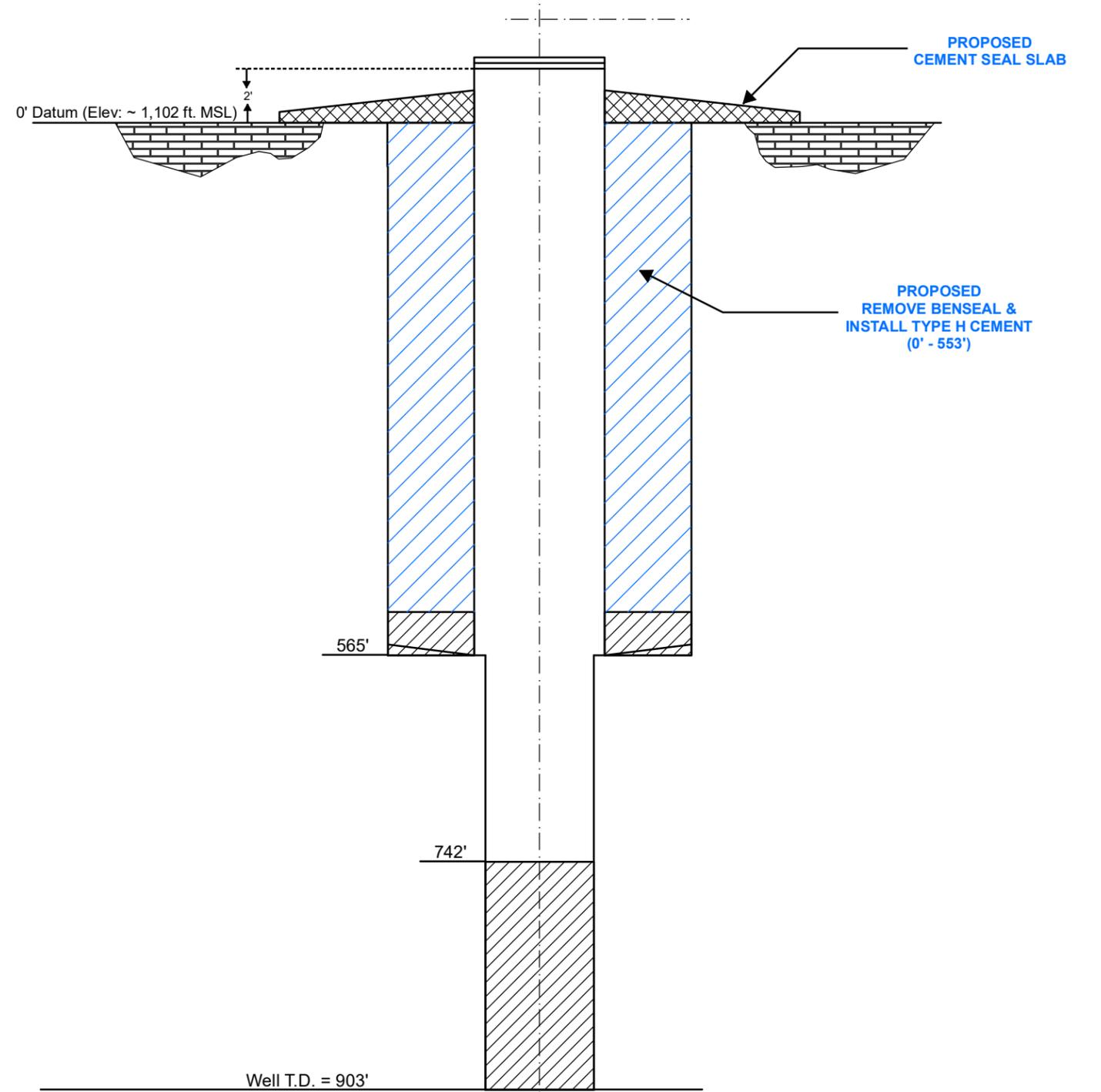


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Existing Well Profile



Proposed Improvements



Notes:

1. Well profile based upon State Well Report (Tracking # 388355)

SCALE: NONE
APPROVED BY: KK DATE: 10-26-17
REVISED BY: DATE:
DRAWING NO: W-1
SHEET: 5 OF 7

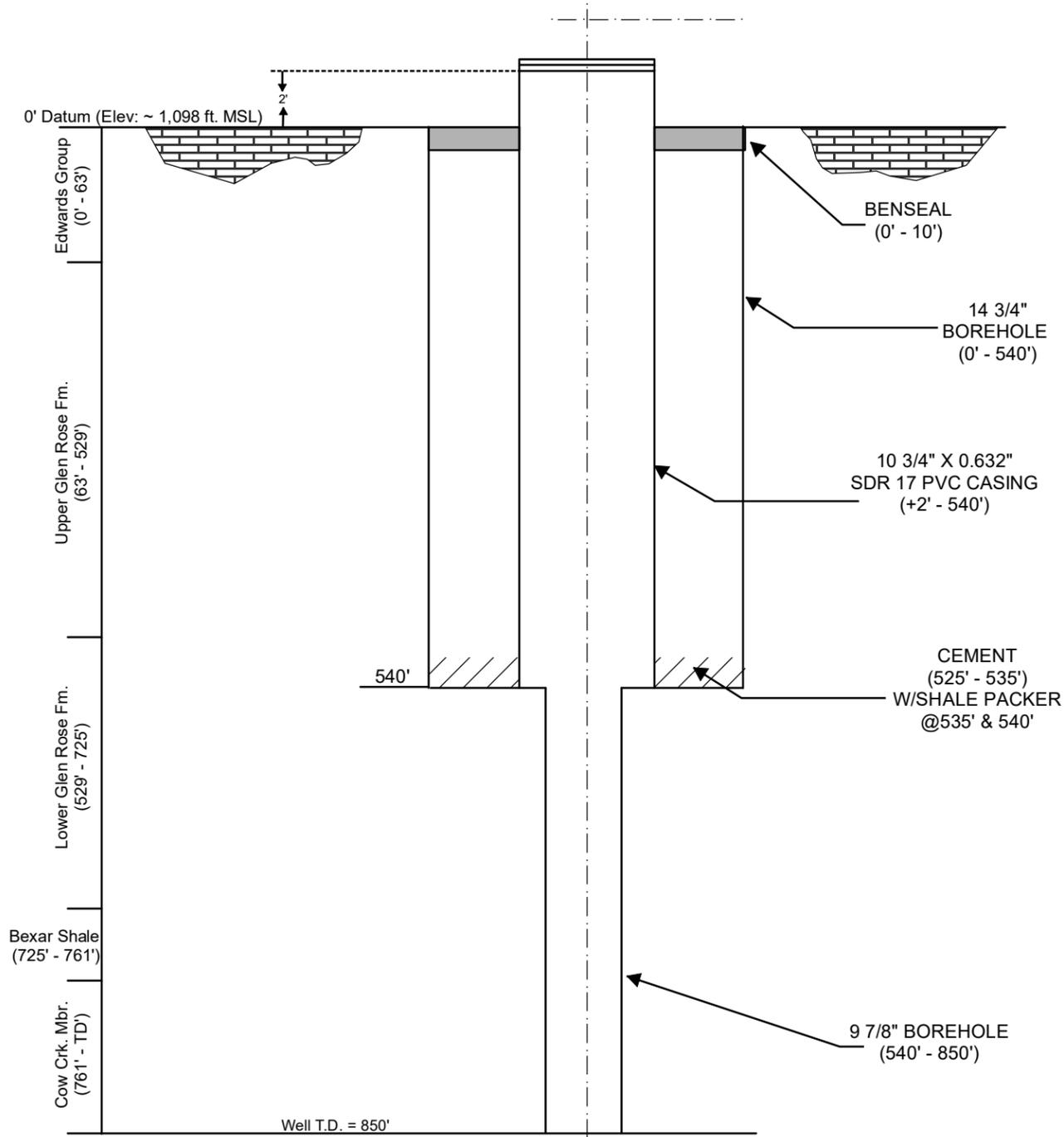
Well Profile: Odell Well No. 1

Electro Purification, LLC
Hays County, Texas

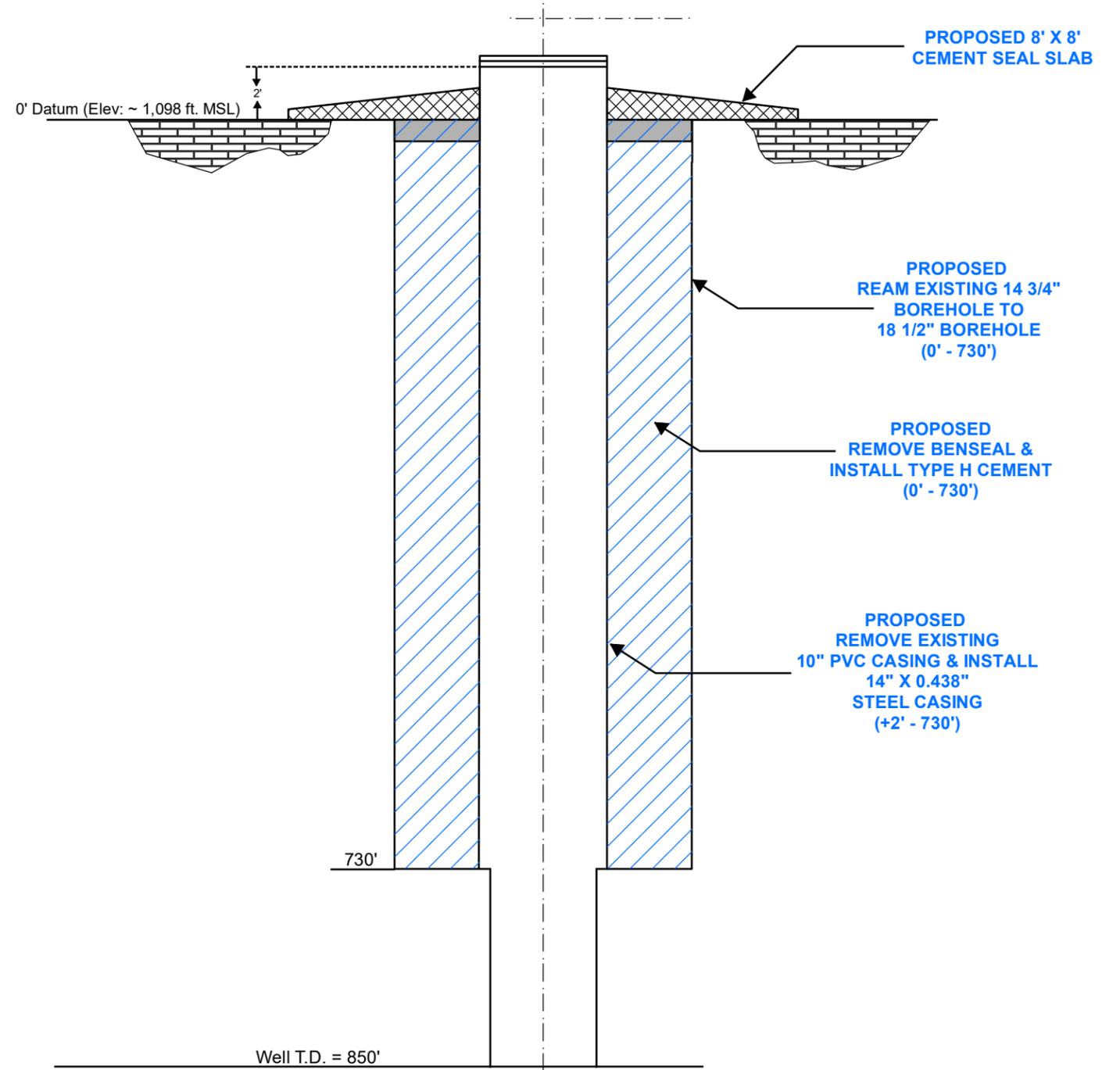


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Existing Well Profile



Proposed Improvements



Notes:

1. Well profile based upon State Well Report (Tracking # 388364)

SCALE: NONE
APPROVED BY: BB DATE: 6-23-17
REVISED BY: DATE:
DRAWING NO: W-2
SHEET: 2 OF 4

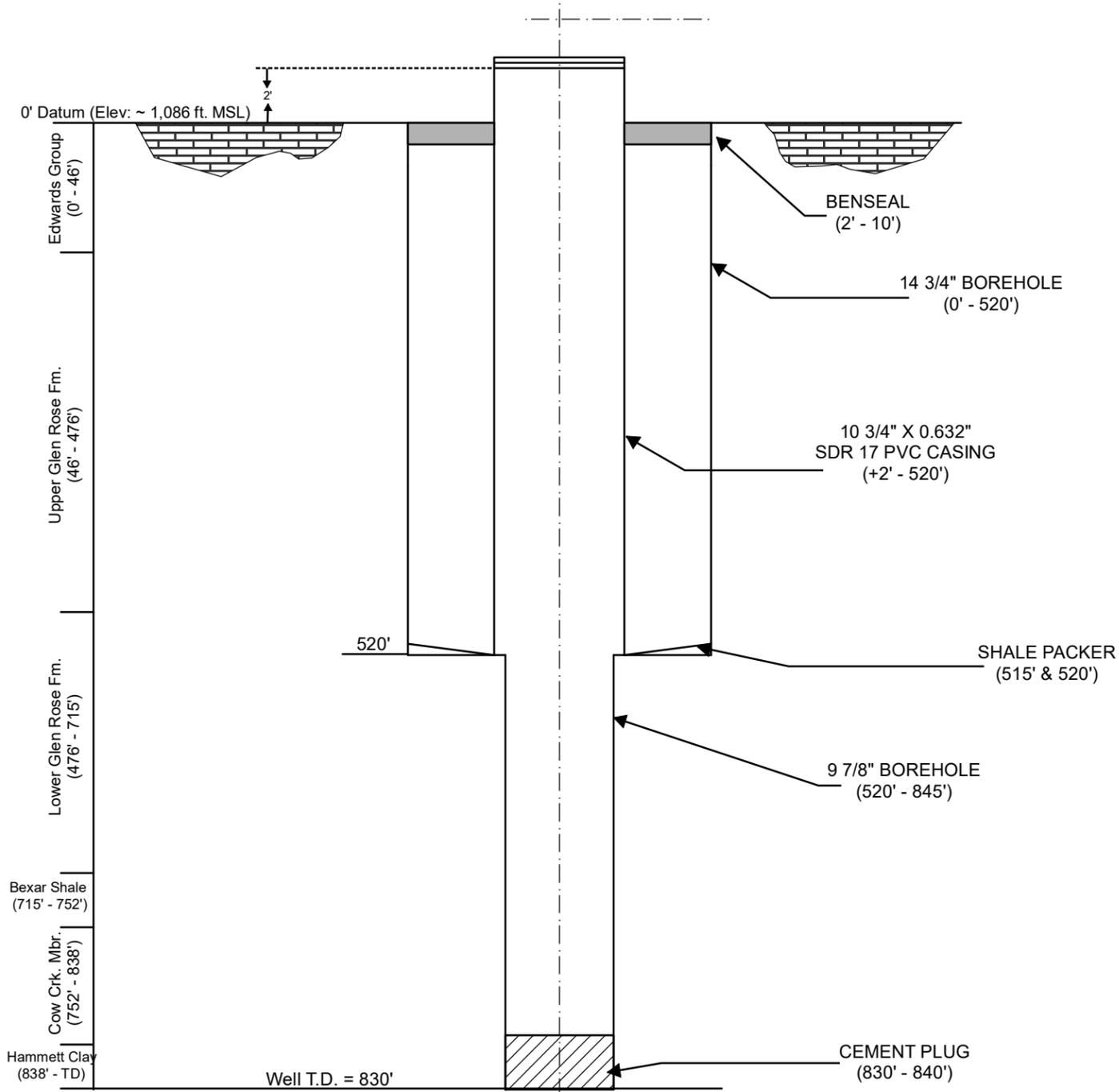
Well Profile: Odell Well No. 2

Electro Purification, LLC
Hays County, Texas

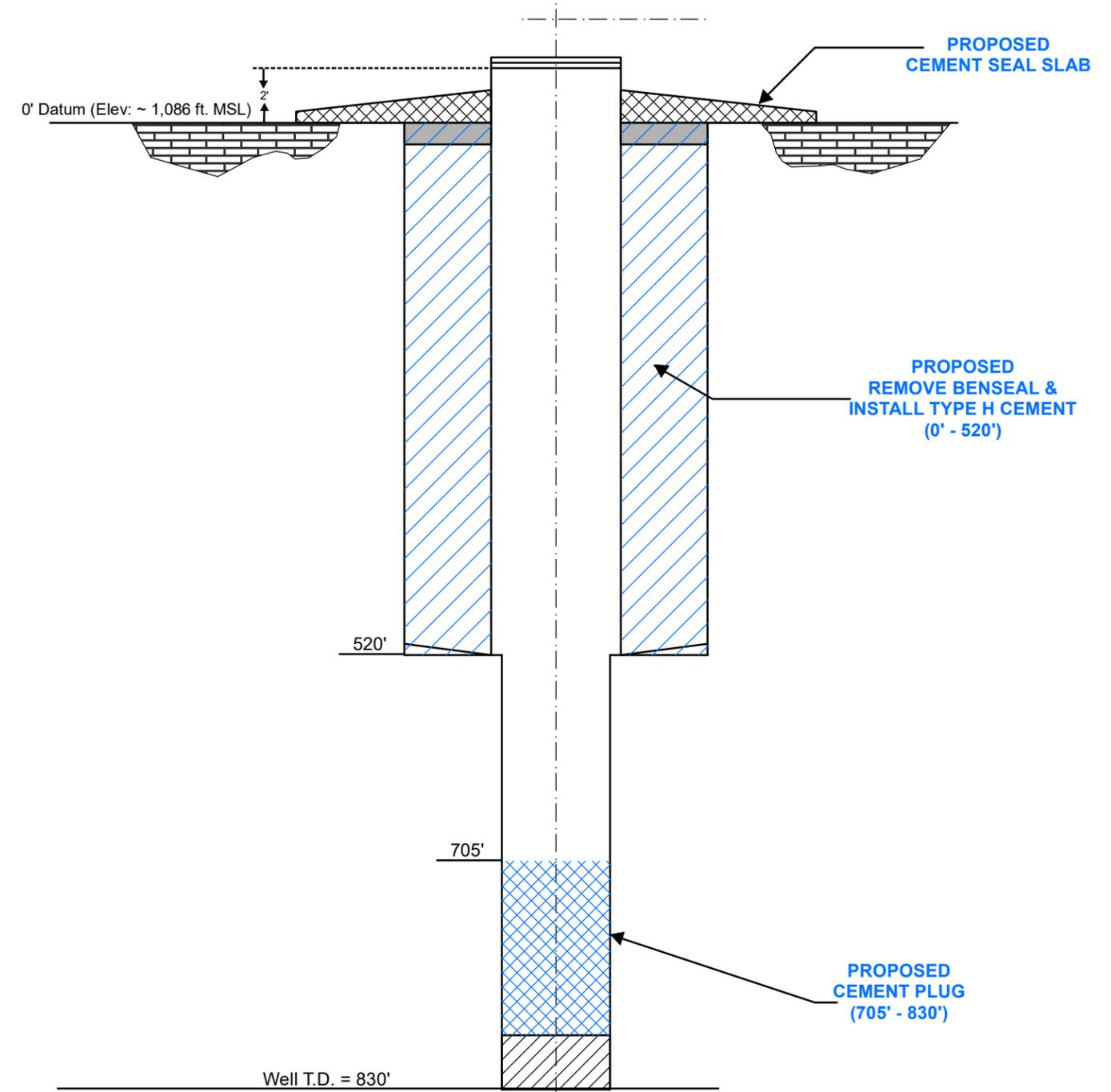


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Existing Well Profile



Proposed Improvements



Well T.D. = 830'

Well T.D. = 830'

Notes:

- 1. Well profile based upon State Well Report (Tracking # 388365)

Well Profile: Odell Well No. 3

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Hays County, Texas

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SCALE: NONE

APPROVED BY: KK DATE: 10-26-17

REVISED BY: DATE:

DRAWING NO: W-7

SHEET: 7 OF 7