Oregon
Tina Kotek, Governor

Oregon Water Resources Dept
725 Summer St NE, Ste A Salem, OR 97301
Ph (503) 986-0900, Fax (503) 986-0904
www.oregon.gov/owrd

April 27, 2023

RONALD SPENGLER WWC#1585
RON ROBINSON WELL DRILLING
4520 SALEM DALLAS HWY NW
SALEM, OR 97304

FINAL ORDER

Dear Mr. Spengler:

The Special Standards Request Form you submitted for owner: John Lauer, Start Card number 218174; is hereby approved for the following: You may install this water supply well (POLK 54117) below land surface in a vault as described on your Special Standards Request Form dated April 26, 2023. ***The stipulations for this Special Standard Request approval are; the vault must have a water tight gasketed lid, all vault penetrations must be grouted with a non-shrink grout forming a water tight seal, the well head must extend a minimum of 1-foot above the bottom of the vault, the vault must have a drain to daylight with a check valve to prevent backflow, the drain to daylight must exit the bottom of the vault, and the lid shall be permanently marked with the words "Water Well" in order to protect the resource and to assist in locating the well.*** All other well construction standards shall apply. A copy of your Special Standards Request Form is enclosed.

The Well Construction Standards serve to protect ground water resources. By approving and issuing this special construction standard the Oregon Water Resources Department is not representing that a well constructed in accordance with this condition will maintain structural integrity or that it meets engineering standards. The well constructor/or landowner is responsible for ensuring that a well is constructed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240.

If you have any questions regarding this letter, I may be contacted at (503) 302-8618, or by e-mail at tommy.k.laird@water.oregon.gov.

Sincerely,

Tommy Laird
Well Construction Program Coordinator
Oregon Water Resources Department

enclosure

cc: Ryan Pillsbury, Well Inspector, Northwest Region
Josh Lucas, Well Inspector, Northwest Region

This is a FINAL ORDER other than contested case. This final order is subject to judicial review under ORS 183.484. Any petition for judicial review of the final order must be filed within the time specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

Special Standards
Request Form

REQUEST FOR WRITTEN APPROVAL TO USE CONSTRUCTION METHODS NOT INCLUDED IN OREGON ADMINISTRATIVE RULES 690-200 THROUGH 690-240

Before the request can be considered, this form must be completed. Requests shall be submitted to the Well Construction Program Coordinator, Water Resources Department, 725 Summer Street NE, Suite A, Salem OR 97301-1266. Requests may also be considered by the appropriate Regional Manager.

Date of request: 04/26/2023 **Oral approval date (if applicable):** _____

Bonded Well Constructor (**name, license #, and mailing address**): Robinson Well Drilling

1585 4520 Salem / Dallas Hwy Salem, OR 97304

(1) Location of Well: SE 1/4 SE 1/4 Tax lot 600 Section 15 ,

Township 6 S S , Range 4 W , Polk County

Address at well site: 5955 Bethel Heights Rd Salem, OR 97304

(2) Start Card Number(s)(for work to be done): 218174

(3) Name and Address of Land Owner: JON LAUER

(4) Distance to the nearest septic tank, drainfield, closed sewage line (if water supply well)

Approx 500'

(5) The unusual site conditions which necessitate this request: Parking lot @ Well Head

(6) The proposed construction methods that the bonded well constructor believes will be adequate for this well: (attach additional pages if needed)

Well Is located in Parking lot in concrete Vault .

Water tite Lid @ Ground Level, 4" Drain line from Vault @ 2% to day light. 4" cement floor around Well casing,

Drain Rock below 4" cement with well head 2' above 4"cement pad.

(7) Diagram showing the pertinent features of the proposed well design and construction: (attach additional pages if needed)

PLEASE NOTE:

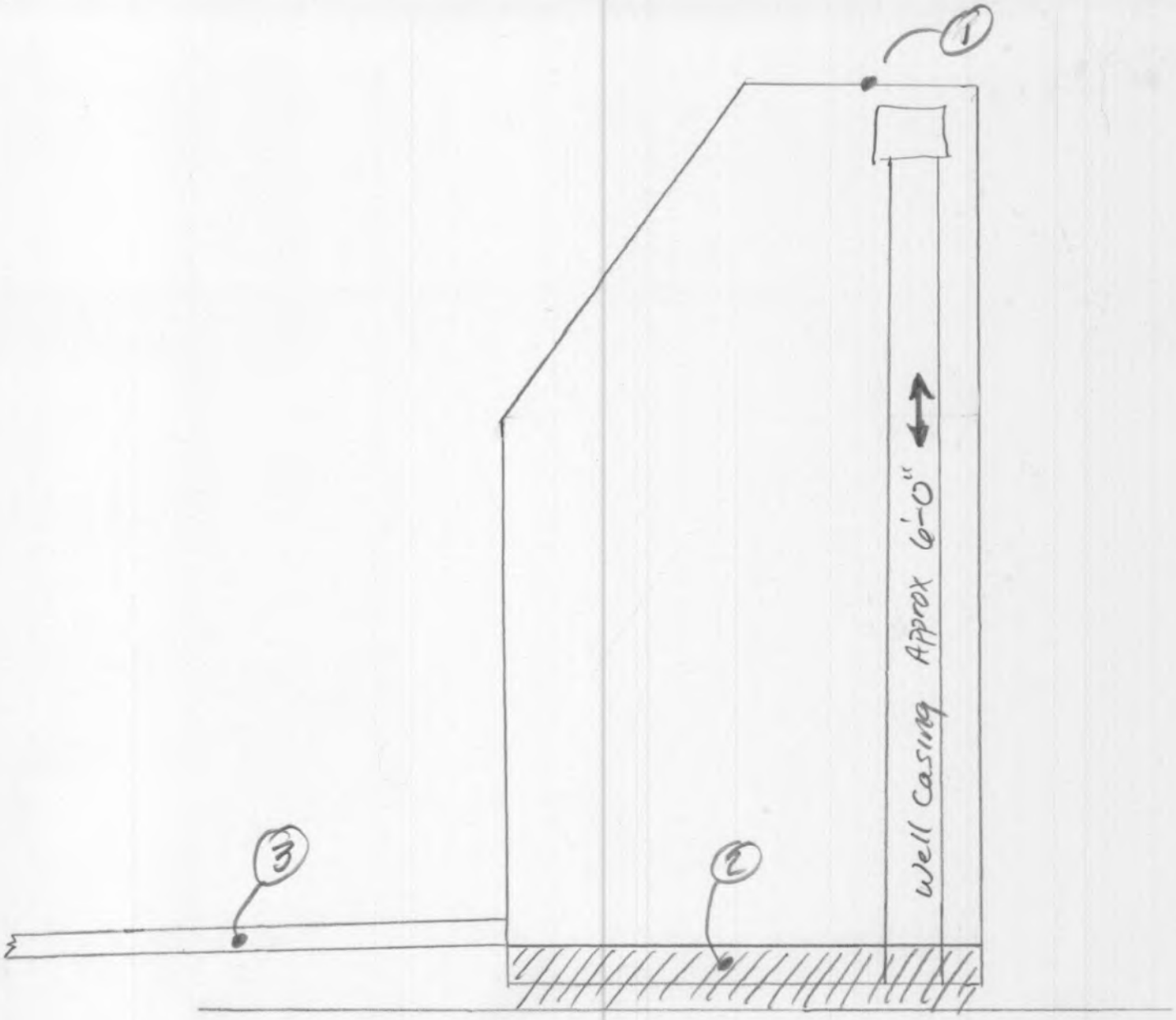
(1) The Well Construction Standards serve to protect ground water resources. By approving and issuing this special construction standard the Oregon Water Resources Department is not representing that a well constructed in accordance with this condition will maintain structural integrity or that it meets engineering standards. The well constructor/or landowner is responsible for ensuring that a well is constructed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240.

(2) If it should be determined at some future date that the well, due to its construction, is allowing ground water contamination, waste or loss of artesian pressure, the undersigned shall return to the site and rectify the problem.

(3) If oral approval was granted, a written request must be submitted to the Department either within three (3) working days of the date of oral approval or prior to the completion of the associated well work. Failure to submit a written request as described above may void prior oral approval.

I have read and understand the above information. I further attest that the information provided is accurate to the best of my knowledge.

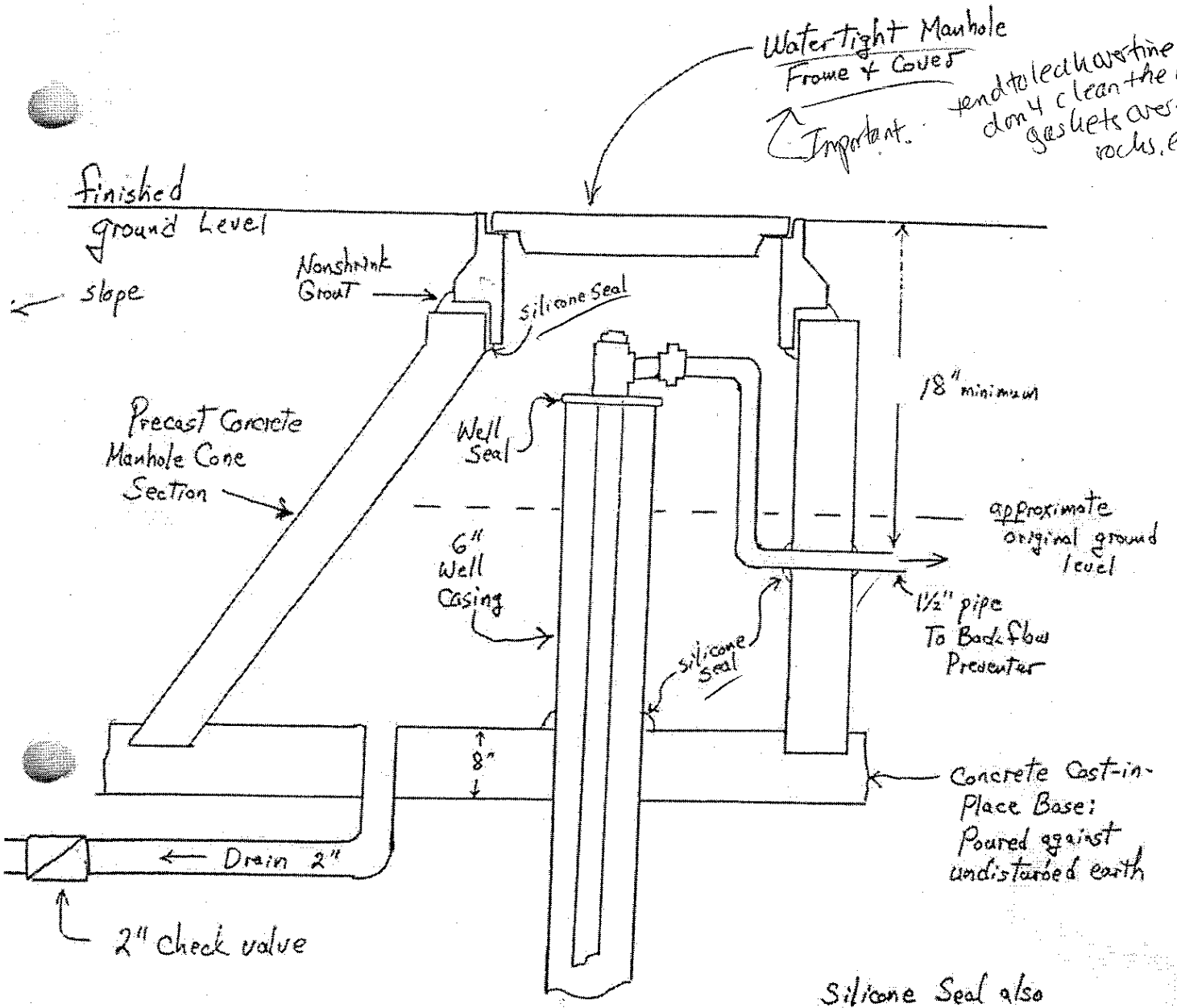
Bonded Constructor Signature: Ron Spengler



(1) Replace existing MH Lid with water tight lid

(2) Construct New 6" concrete floor in existing MH with water tight seal around well casing.

(3) Construct New 4" gravity drain, with sand collar, to daylight down hill.

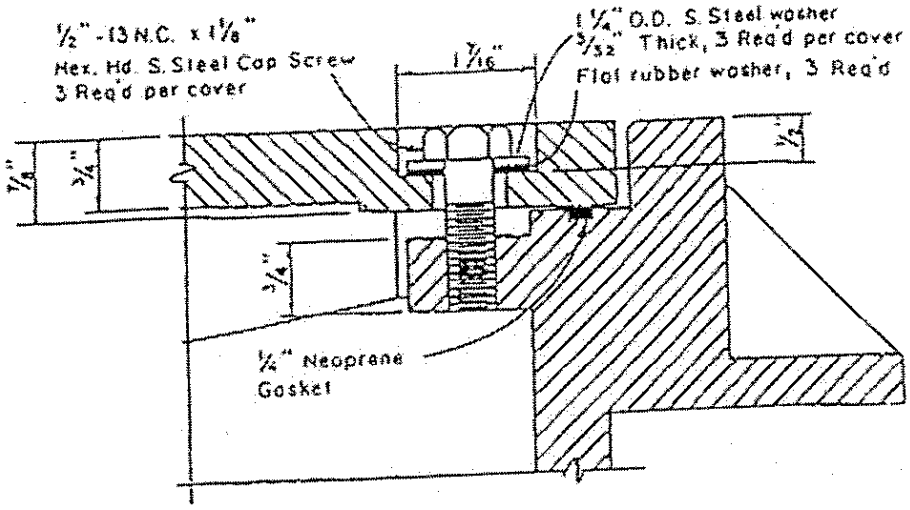


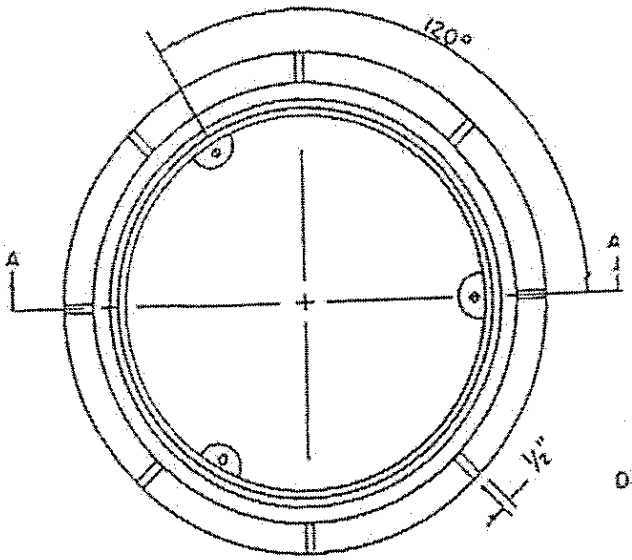
2" drain line extending approximately 25 ft down slope to dry well

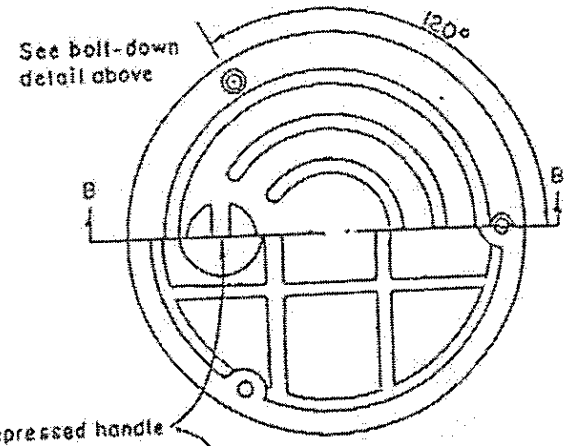
Silicone Seal also required around 1" PVC Conduit where it enters the concrete manhole approximately 18" below finished grade

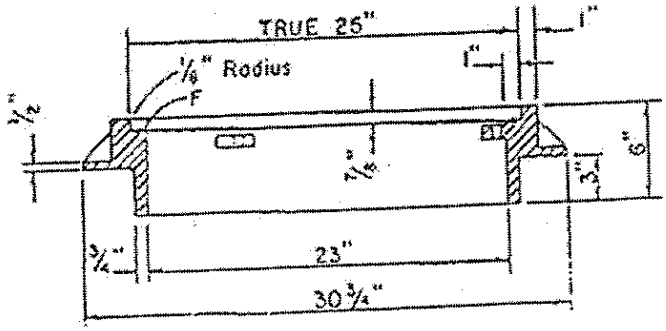
NOTE: This well alteration requires a licensed and bonded water well constructors license or a landowners permit and bond to construct. A special standards submittal is also required.

drwn by S.S.

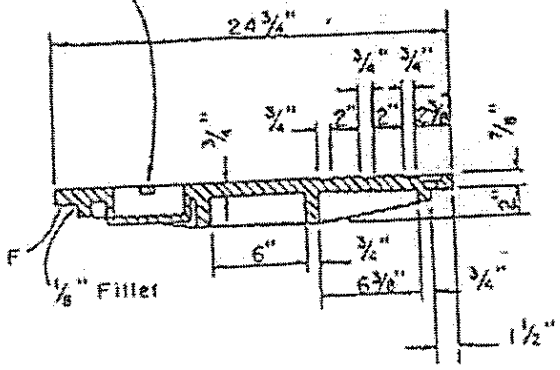








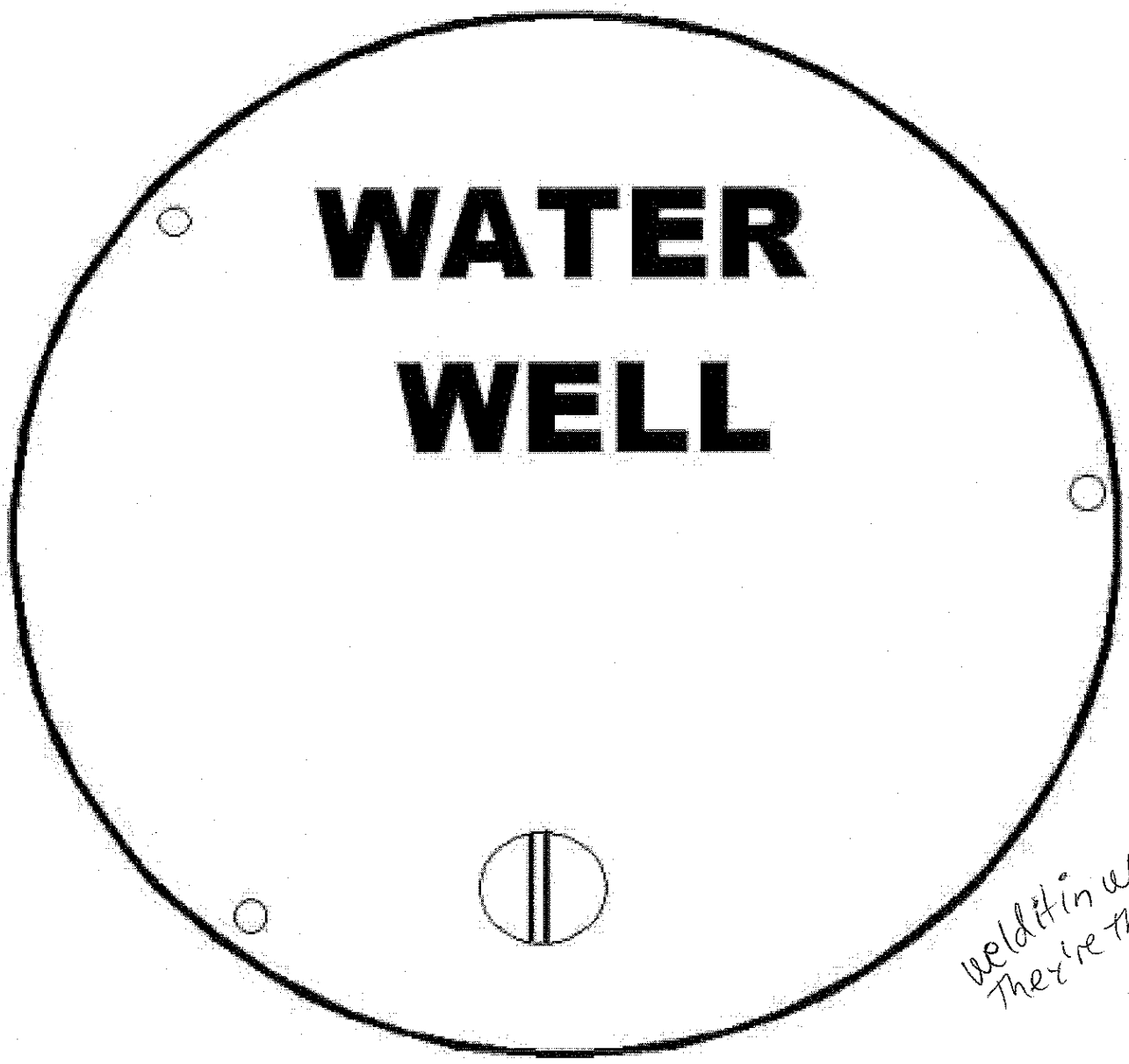
SECTION A-A



SECTION B-B

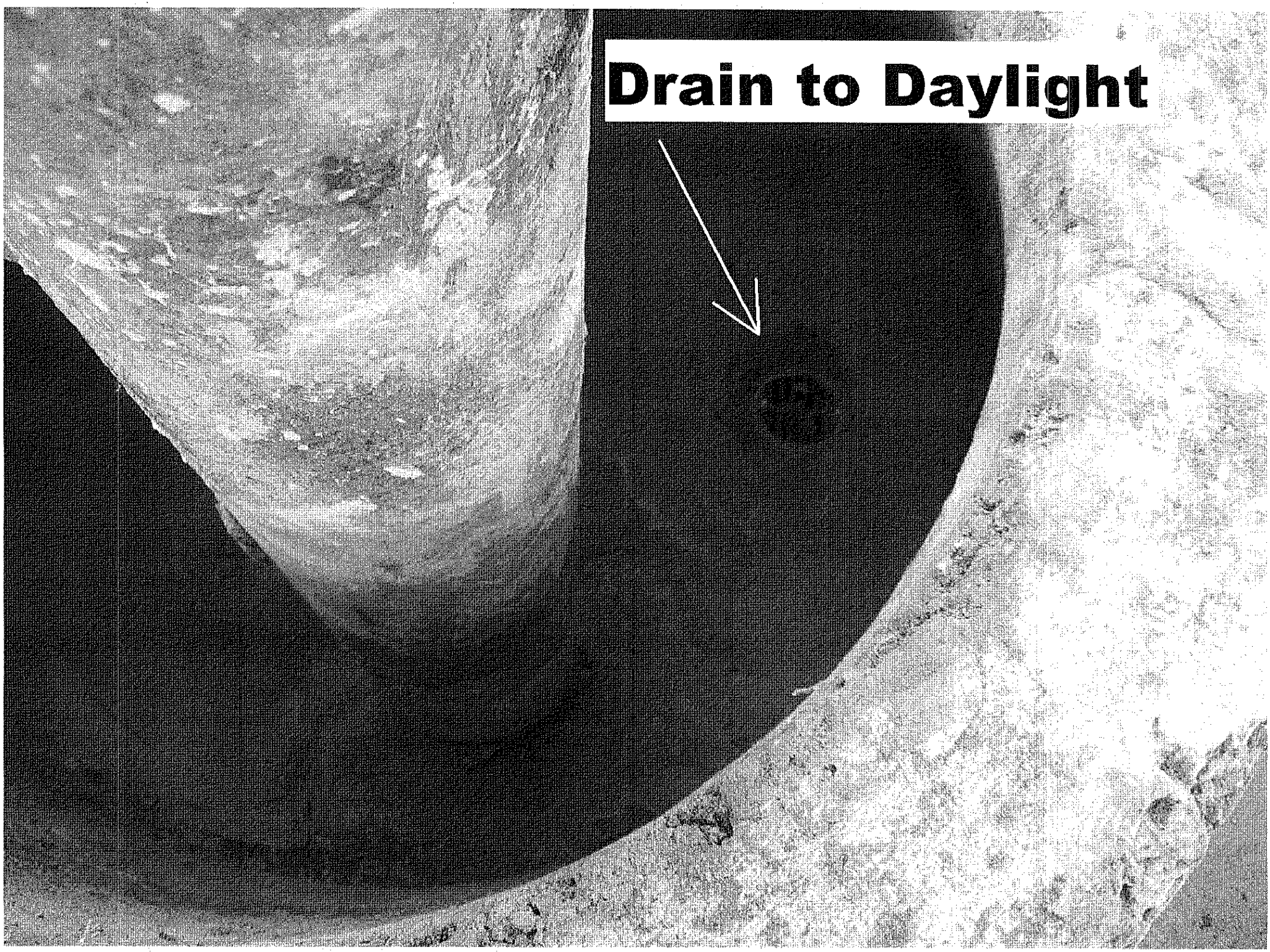
NOTES:
1. COVER & FRAME TO BE MACHINED TO A TRUE BEARING ALL AROUND.
2. MATERIAL SHALL BE OF GREY CAST IRON, A.S.T.M. A-48, CLASS 30.

WATERTIGHT LID



The words "WATER WELL" must be permanently welded into or permanently attached to the vault lid in order to clearly identify the well to Department personnel.


ASTM C478
UTILITY
449-06


Drain to Daylight

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

POLK 54117

4/18/2018

WELL I.D. LABEL# L 127718
START CARD # 1037961
ORIGINAL LOG #

(1) LAND OWNER

Owner Well I.D. 3122
First Name JON Last Name LAUER
Company
Address 5955 BETHEL HEIGHTS RD, NW
City SALEM State OR Zip 97304

(2) TYPE OF WORK

☐ New Well ☐ Deepening ☐ Conversion
☒ Alteration (complete 2a & 10) ☐ Abandonment(complete 5a)

(2a) PRE-ALTERATION

	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
Casing:						○	○	☐	☐

	Material	From	To	Amt	sacks/lbs
Seal:					

(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger ☐ Cable Mud
☐ Reverse Rotary ☒ Other EXCAVATOR

(4) PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Community
☐ Industrial/ Commericial ☐ Livestock ☐ Dewatering
☐ Thermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION

Special Standard ☐ (Attach copy)
Depth of Completed Well 216.00 ft.

BORE HOLE

Dia	From	To
10	0	6
6	6	216

SEAL

Material	From	To	Amt	sacks/lbs
Granular Bentonite	0	6	3.5	S
		Calculated	2	
		Calculated		

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☒ Other POUR/PROBE/HYDRATE
Backfill placed from ft. to ft. Material
Filter pack from ft. to ft. Material Size
Explosives used: ☐ Yes Type Amount

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount Actual Amount

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
○	○		☐				○	○	☐	☐
○	○		☐				○	○	☐	☐
○	○		☐				○	○	☐	☐
○	○		☐				○	○	☐	☐
○	○		☐				○	○	☐	☐

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s)
Temp casing ☐ Yes Dia From + ☐ To

(7) PERFORATIONS/SCREENS

Perforations Method
Screens Type Material

Perf/ Screen	Casing/ Screen Liner	Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size

(8) WELL TESTS: Minimum testing time is 1 hour

○ Pump ○ Bailer ○ Air ○ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Temperature 54 °F Lab analysis ☐ Yes By
Water quality concerns? ☐ Yes (describe below) TDS amount 97 ppm

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County POLK Twp 6.00 S N/S Range 4.00 W E/W WM
Sec 15 SE 1/4 of the SE 1/4 Tax Lot 600
Tax Map Number Lot
Lat ° ' " or 45.04558312 DMS or DD
Long ° ' " or -123.15598195 DMS or DD
◉ Street address of well ○ Nearest address
5955 BETHEL HEIGHTS RD, NW SALEM

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Pre-Alteration	4/3/2018		☐	97
Completed Well	4/4/2018		☐	97

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES Depth water was first found

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
					☐	
					☐	
					☐	
					☐	
					☐	

(11) WELL LOG

Ground Elevation

Material	From	To

Date Started 4/3/2018 Completed 4/4/2018

(unbonded) Water Well Constructor Certification

I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number Date

Signed

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

License Number 1438 Date 4/18/2018

Signed DAVID PAYSINGER (E-filed)

Contact Info (optional) bluewaterdrilling.com || 503.868.7878

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version:

WATER SUPPLY WELL REPORT - continuation page

POLK 54117

4/18/2018

WELL I.D. LABEL# L	127718
START CARD #	1037961
ORIGINAL LOG #	

(2a) PRE-ALTERATION

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
					○	○		
					○	○		
					○	○		

Material	From	To	Amt	sacks/lbs

Water Quality Concerns

From	To	Description	Amount	Units

(5) BORE HOLE CONSTRUCTION

BORE HOLE

Dia	From	To

SEAL

Material	From	To	Amt	sacks/ lbs
		Calculated		
		Calculated		
		Calculated		
		Calculated		

FILTER PACK

From	To	Material	Size

(10) STATIC WATER LEVEL

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
○	○						○	○		
○	○						○	○		
○	○						○	○		
○	○						○	○		
○	○						○	○		
○	○						○	○		
○	○						○	○		
○	○						○	○		
○	○						○	○		

(11) WELL LOG

Material	From	To

(7) PERFORATIONS/SCREENS

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Comments/Remarks

Work to install upper annular seal removed during construction excavation.
Installed Well ID Badge #127718.
Existing bentonite seal visibly intact at 6' bsg. 10" temp surface casing placed to 6'. Bentonite placed in dry annular to surface, (see sect 5b)
Well disinfected. Unknown original well report. 6" well, 216' deep w/4" liner.

WATER SUPPLY WELL REPORT - Map with location identified must be attached and shall include an approximate scale and north arrow

POLK 54117

4/18/2018

Map of Hole

STATE OF OREGON
WELL LOCATION MAP

This map is supplemental to the WATER SUPPLY WELL REPORT

Oregon Water Resources Department
725 Summer St NE, Salem OR 97301
(503)986-0900

LOCATION OF WELL
Latitude: 45.045583117 Datum: WGS84
Longitude: -123.15598194884
Township/Range/Section/Quarter-Quarter Section:
WM 6S 4W 15 SESE
Address of Well:
5955 BETHEL HEIGHTS RD, NW SALEM LOG=POLK1185

Well Label: 127718

Printed: April 5, 2018

DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.

Provided by well constructor