



Oregon

John A. Kitzhaber, M.D., Governor

Water Resources Department

Commerce Building
158 12th Street NE
Salem, OR 97310-0210
(503) 378-3739
FAX (503) 378-8130

EW

December 21, 1999

Steven N. Stadel
Westerburg Drilling Inc.
36728 S. Kropf Road
Molalla, OR 97038

Dear Steve:

Please find the attached approved copies of the following special standards:

1. Delta Management Group - (start card number 128535)

If you have any questions concerning this letter, please contact me at the address or phone number listed above.

Sincerely,

Michael L. McCord
Well Construction Specialist

c: Richard Edwards, Well Inspector



Oregon Water Resources Department

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

Before request can be considered, the following must be answered. Requests shall be submitted to the Well Construction Specialist, Water Resources Department. Requests may also be considered by the appropriate Regional Manager.

Date of request: 12-16-99

Bonded Well Constructor (name, license and mailing address): STEVEN N. STAELI
Westerberg Drilling, Inc.
Lic # 688 36728 S. Kropf Rd.
Molalla, OR 97038

(1) Location of Well: NW 1/4 SW 1/4 of Section 2, Township 829-2526, IN
Range 1E, MULTNOMAH County.

Address at well site: 10649 NE 13TH AVE
PORTLAND, OR. 97211

(2) Start Card Number(s): 128535

(3) Name and Address of Land Owner: DELTA MANAGEMENT/GARDEN VIEW
TRUST 203 NE RESERVE VANCOUVER WA. 98661

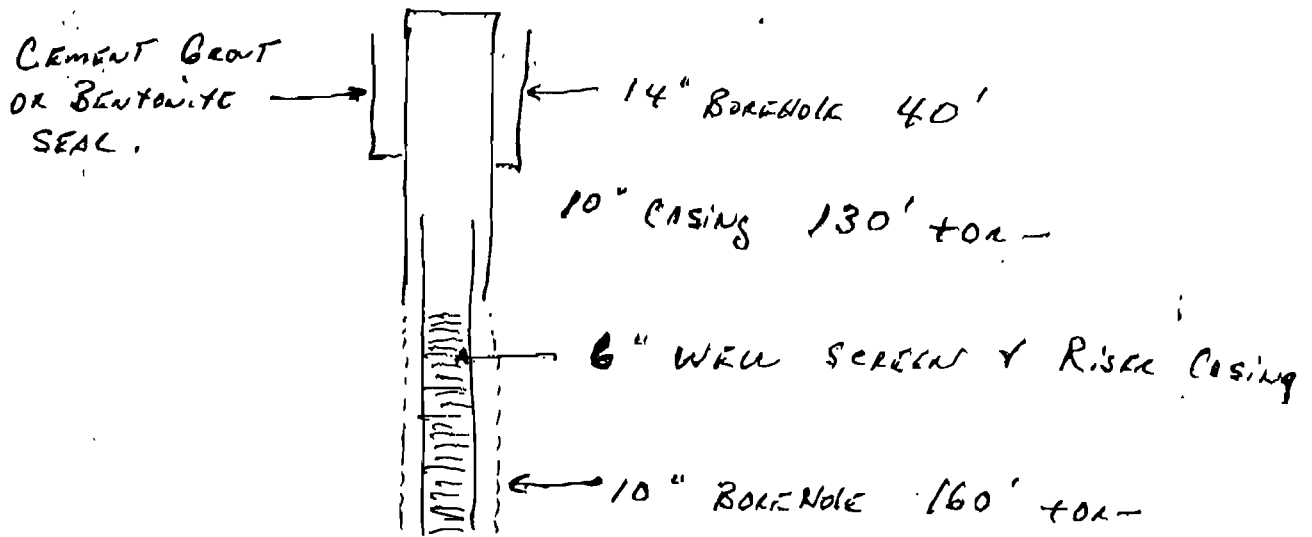
(4) The distance to the nearest well, septic tank or drainfield (if water supply well):
Approx 60'

(5) The unusual conditions which necessitate this request: LESS THAN 50'
From CLOSED SEWER LINE AND LESS THAN 50'
From STORM DRAIN (SEE HAND DRAWN MAP

(6) The proposed construction methods that the well constructor believes will be adequate for this well (attach additional pages if needed)
CONSTRUCT SANITARY SURFACE SEAL TO 40' DEPTH.

W-SL

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



PLEASE NOTE:

- (1) If approved, all other phases of well construction must comply with the appropriate standards described in OAR 690-200 through 690-240.
- (2) If it should be determined at some future date that the well, due to its construction, is allowing groundwater contamination, waste or loss of artesian pressure, the undersigned shall return to the site and rectify the problem.
- (3) If verbal approval was granted, a written request must be submitted to the Department either within three (3) working days of the date of verbal approval or prior to the completion of the associated well work. Failure to submit a written request as described above may void prior 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: Steven N. Stadel

STEVEN N. STADEL # 688

For Water Resources Department Use Only

Date: 12 20 99

Approved by: Michael J. McNeil Denied by: _____

Remarks: _____



36728 S. Kropf Rd., Molalla, OR 97038 • Phone: (503) 829-2526 FAX (503) 829-7514

December 16, 1999

Mike McChord
Water Resources Dept.
158 12th Street NE
Salem, OR 97310

RE: Special construction Standards

Dear Mike:

Please find enclosed the request for special construction standards, existing well log, site map and hand drawn site map.

The existing well is pumping an unacceptable amount of sand and the decision has been made to drill a new well. The irrigation plumbing, piping and controls are in the existing mechanical building.

Because of the high density build up of the RV Park, we are unable to get 50 ft. from the storm drain or the sewer line. The sewer line is a tight connected 6" pvc line to a city sewer hook up. There is no septic tank. The storm drain is concrete pipe approx. 30" in diameter.

Please let me know if you need additional information.

Thank you,

A handwritten signature in cursive script, appearing to read "Steven".

Steven N. Stadeli
President

ORIGINAL WELL DRILLED ON SITE.

WELL I.D.# L15074

**STATE OF OREGON
WATER SUPPLY WELL REPORT**
(as required by ORS 537.765)

(START CARD) # 104225

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number
Name DELTA CONSTRUCTION
Address 203 E. RESERVE ST.
City VANCOUVER State WA Zip 98661

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 158 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
12	0	39	BENT.	0	39	27 SACKS
8	39	158				

How was seal placed: Method A B C D E
 Other PLACED DRY

Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Casing/Liner	Diameter	From	To	Gauge	Material			
					Steel	Plastic	Welded	Threaded
Casing	8	+2	158	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 158

(7) PERFORATIONS/SCREENS:

Perforations Method HOLTE AIR
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tubo/pipe size	Casing	Liner
143	155	1/8x1	424			<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Pump Bailor Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
300		135	4 HR

Temperature of water 54 Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County MILTANOMA Latitude _____ Longitude _____
Township 1N N or S Range 1E E or W. WM.
Section 2 NW 1/4 SW 1/4
Tax Lot 009 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) NE MARINE DRIVE
IMMEDIATELY WEST OF NE 13TH AVE.

(10) STATIC WATER LEVEL:
12' ft. below land surface. Date 11-7-97
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 46

From	To	Estimated Flow Rate	SWL
95	126		12'
126	158	300	12'

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
SILT BRN CLAYEY	0	19	
SILT GREY CLAYEY	19	38	
SILT GREY SANDY FINE	38	46	
SAND GREY SANDY FINE	46	59	
SAND GREY FINE LESS SILT	59	64	
SILT GREY SANDY FINE	64	73	
SAND GREY FINE W/LAYERS OF SILT GREY	73	95	
SAND GREY FINE WITH MICA	95	126	
GRAVEL GREY COURSE WITH COBBLES	126	140	
BOULDER GREY HARD	140	143	
GRAVEL GREY COURSE WITH COBBLES	143	158	

Date started 11-4-97 Completed 11-7-97

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, 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.

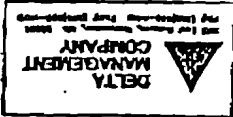
Signed [Signature] WWC Number 1487 Date 11-10-97

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, 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.

Signed [Signature] WWC Number 688 Date 11-10-97

MARINER'S GALE

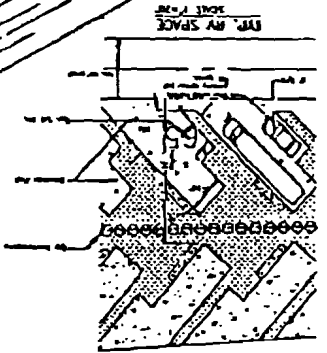
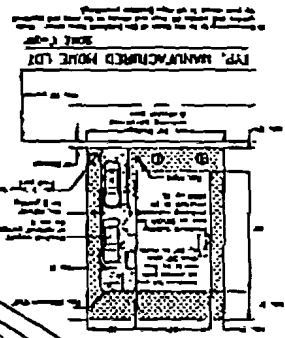
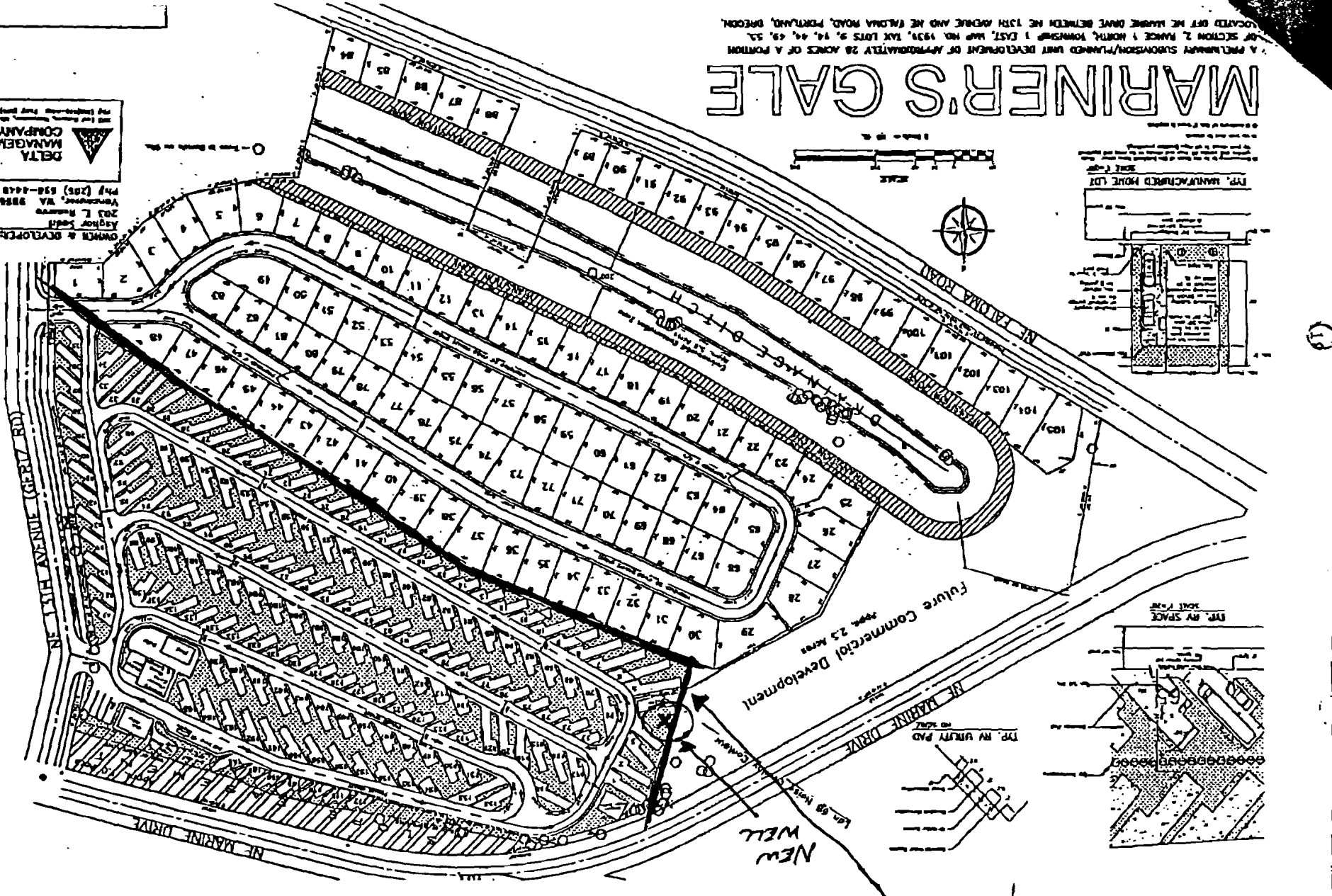
A PRELIMINARY SUBDIVISION/PLANNED UNIT DEVELOPMENT OF APPROXIMATELY 28 ACRES OF A PORTION OF SECTION 2, RANGE 3 NORTH, TOWNSHIP 1 EAST, MAP NO. 1938, TAX LOTS 9, 14, 44, 49, 53, LOCATED OFF NE MARINE DRIVE BETWEEN NE 13TH AVENUE AND NE PALOMA ROAD, PORTLAND, OREGON.



DELTA MANAGEMENT COMPANY
 203 E. MARINE
 PORTLAND, OR 97201
 (503) 558-4448
 OWNER & DEVELOPER

DEC-16-99 THU 17:30 WESTERBERG DRILLING INC. 5038297514

P. 07



Future Commercial Development
 200K 2.5 Acres

NEW WELL

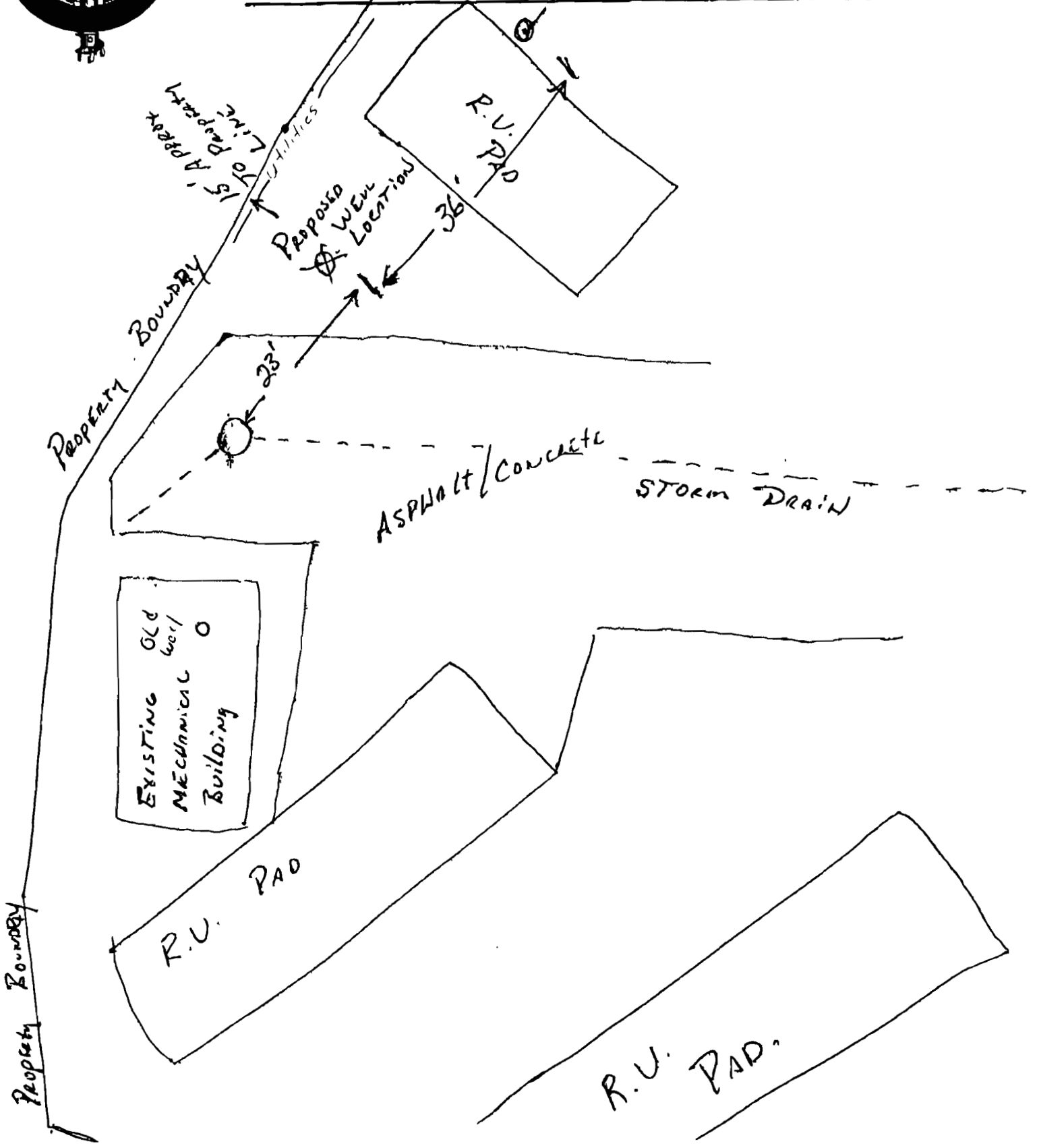
Columbia R.V. Park.
 River
 Property Boundary

→ N



SEWER LINE TO CITY MAIN

36728 S. Kropf Rd., Molalla, OR 97038 • Phone: (503) 829-2526 FAX (503) 829-7514



NOTICE

This is a final order in other than a contested case proceeding. If you disagree with this order, you may file a petition for reconsideration of the order with the Water Resources Department. If no petition for reconsideration was filed with the agency, you may file a petition for review of the order with the Circuit Court for Marion County or the circuit court for the county in which you reside or do business. A petition for reconsideration or review must be filed within 60 days of the date the order was served. The petition should include the nature of your interest, the facts showing how you are adversely affected or aggrieved by the order and your reasons for reversing or remanding the order. When a petition for reconsideration is filed, the agency has 60 days to respond. If the agency takes no action, after 60 days the petition is deemed denied. You may petition the court for review of the order only within 60 days after agency action on a petition for reconsideration of the order or when the petition for reconsideration is deemed denied.