

Application for a Permit to Use Groundwater



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
503-986-0900
www.oregon.gov/OWRD

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Organization

NAME CITY OF SCAPPOOSE		PHONE (503) 543-7146		FAX
ADDRESS 33568 E COLUMBIA AVE.				CELL
CITY SCAPPOOSE	STATE OR	ZIP 97056	E-MAIL* DSUKAU@CITYOFSCAPPOOSE.ORG	

Agent – The agent is authorized to represent the applicant in all matters relating to this application.

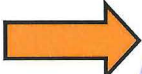
AGENT / BUSINESS NAME GSI WATER SOLUTIONS, INC; ATTN: ROBYN COOK		PHONE (971) 200-8526		FAX
ADDRESS 55 SW YAMHILL ST., STE. 300				CELL
CITY PORTLAND	STATE OR	ZIP 97204	E-MAIL* RCOOK@GSIWS.COM	

Note: Attach multiple copies as needed

* By providing an e-mail address, consent is given to receive all correspondence from the Department electronically. (Paper copies of the proposed and final order documents will also be mailed.)

By my signature below I confirm that I understand:

- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application.
- I cannot use water legally until the Water Resources Department issues a permit.
- Oregon law requires that a permit be issued before beginning construction of any proposed well, unless the use is exempt. Acceptance of this application does not guarantee a permit will be issued.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be cancelled.
- The water use must be compatible with local comprehensive land-use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water-right holders to get water to which they are entitled.

 I (we) affirm that the information contained in this application is true and accurate.


Applicant Signature

Michael J. Sykes, City Manager 5/28/20
Print Name and Title if applicable Date

Applicant Signature

Print Name and Title if applicable

Date

SECTION 2: PROPERTY OWNERSHIP

Please indicate if you own all the lands associated with the project from which the water is to be diverted, conveyed, and used.

- ☐ YES, there are no encumbrances.
- ☐ YES, the land is encumbered by easements, rights of way, roads or other encumbrances.
- ☒ NO, I have a recorded easement or written authorization permitting access.
- ☐ NO, I do not currently have written authorization or easement permitting access.
- ☐ NO, written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).
- ☐ NO, because water is to be diverted, conveyed, and/or used only on federal lands.

Affected Landowners: List the names and mailing addresses of all owners of any lands that are not owned by the applicant and that are crossed by the proposed ditch, canal or other work, even if the applicant has obtained written authorization or an easement from the owner. *(Attach additional sheets if necessary).*

Airpark LLC, Attn: Ed Freeman
PO Box 1754
Lake Oswego, Oregon 97035

Legal Description: You must provide the legal description of: 1. The property from which the water is to be diverted, 2. Any property crossed by the proposed ditch, canal or other work, and 3. Any property on which the water is to be used as depicted on the map.

Applicant is a public corporation and if filing this application pursuant to ORS 537.211(6). The proposed locations where the water is to be diverted, conveyed, and used are shown in the maps in Attachment A. A legal description of the parcel not owned by the Applicant is provided in Attachment B.

SECTION 3: WELL DEVELOPMENT

WELL NO.	NAME OF NEAREST SURFACE WATER	IF LESS THAN 1 MILE:	
		DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
MR-B-1	Multnomah Channel ¹	NA	NA
MR-B-2	Multnomah Channel ¹	NA	NA
MR-B-3	Multnomah Channel ¹	NA	NA

¹ See Section 10

Please provide any information for your existing or proposed well(s) that you believe may be helpful in evaluating your application. For existing wells, describe any previous alteration(s) or repair(s) not documented in the attached well log or other materials *(attach additional sheets if necessary)*.

No wells have been identified in the vicinity of the proposed POAs that appropriate groundwater from the basalt aquifer. Therefore, well depths and construction are based on a conceptual model of the hydrogeologic system.

SECTION 3: WELL DEVELOPMENT, continued

Total maximum rate requested: 0.8 cubic feet per second (cfs) (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

Updated 9/3/2021

(RC)

The table below must be completed for each source to be evaluated or the application will be returned. If this is an existing well, the information may be found on the applicable well log. *(If a well log is available, please submit it in addition to completing the table.)* If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner to obtain the necessary information.

Updated 9/3/2021
(RC)

OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL- SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
MR-B-1	☒	☐		☐	8-inch 6-inch	0-300 300-700	320-700	0-300	Unk.	Basalt	1,000 ft	360	580
MR-B-2	☒	☐		☐	8-inch 6-inch	0-300 300-700	320-700	0-300	Unk.	Basalt	1,000 ft	360	580
MR-B-3	☒	☐		☐	8-inch 6-inch	0-300 300-700	320-700	0-300	Unk.	Basalt	1,000 ft	360	580

* Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.

** A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.

*** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

SECTION 4: SENSITIVE, THREATENED OR ENDANGERED FISH SPECIES PUBLIC INTEREST INFORMATION

This information must be provided for your application to be accepted as complete. The Water Resources Department will determine whether the proposed use will impair or be detrimental to the public interest with regard to sensitive, threatened or endangered fish species if your proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters.

To answer the following questions, use the map provided in [Attachment 3](#) or the link below to determine whether the proposed point of appropriation (POA) is located in an area where the Upper Columbia, the Lower Columbia, and/or the Statewide public interest rules apply.

For more detailed information, click on the following link and enter the TRSQQ or the Lat/Long of a POA and click on “Submit” to retrieve a report that will show which section, if any, of the rules apply:

https://apps.wrd.state.or.us/apps/misc/lkp_trsqq_features/

If you need help to determine in which area the proposed POA is located, please call the customer service desk at (503) 986-0801.

Upper Columbia - OAR 690-033-0115 thru -0130

Is the well or proposed well located in an area where the Upper Columbia Rules apply?

☐ Yes ☒ No

If yes, you are notified that the Water Resources Department will consult with numerous federal, state, local and tribal governmental entities so it may determine whether the proposed use is consistent with the “Columbia River Basin Fish and Wildlife Program” adopted by the Northwest Power Planning Council in 1994 for the protection and recovery of listed fish species. The application may be denied, heavily conditioned, or if appropriate, mitigation for impacts may be needed to obtain approval for the proposed use.

If yes, and if the Department determines that proposed groundwater use has the potential for substantial interference with nearby surface waters:

- I understand that the permit, if issued, will not allow use during the time period April 15 to September 30, except as provided in OAR 690-033-0140.
- I understand that the Department of Environmental Quality will review my application to determine if the proposed use complies with existing state and federal water quality standards.
- I understand that I will install and maintain water use measurement and recording devices as required by the Water Resources Department, and comply with recording and reporting permit condition requirements.

Lower Columbia - OAR 690-033-0220 thru -0230

Is the well or proposed well located in an area where the Lower Columbia rules apply?

☒ Yes ☐ No

If yes, and the proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters you are notified that the Water Resources Department will determine, by reviewing recovery plans, the Columbia River Basin Fish and Wildlife Program, and regional restoration programs applicable to threatened or endangered fish species, in coordination with state and federal agencies, as

appropriate, whether the proposed use is detrimental to the protection or recovery of a threatened or endangered fish species and whether the use can be conditioned or mitigated to avoid the detriment.

If a permit is issued, it will likely contain conditions to ensure the water use complies with existing state and federal water quality standards; and water use measurement, recording and reporting required by the Water Resources Department. The application may be denied, or if appropriate, mitigation for impacts may be needed to obtain approval of the proposed use.

If yes, you will be required to provide the following information, if applicable.

☐ Yes ☒ No The proposed use is for more than **one** cubic foot per second (448.8 gpm) and is not subject to the requirements of OAR 690, Division 86 (Water Management and Conservation Plans).

If yes, provide a description of the measures to be taken to assure reasonably efficient water use:
NA; the City is subject to the requirements of OAR 690-086. The most recent WMCP was approved by the Department on January 26, 2020.

Statewide - OAR 690-033-0330 thru -0340

Is the well or proposed well located in an area where the Statewide rules apply?

☒ Yes ☐ No

If yes, and the proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters you are notified that the Water Resources Department will determine whether the proposed use will occur in an area where endangered, threatened or sensitive fish species are located. If so, the Water Resources Department, Department of Fish and Wildlife, Department of Environmental Quality, and the Department of Agriculture will recommend conditions required to achieve “no loss of essential habitat of threatened and endangered (T&E) fish species,” or “no net loss of essential habitat of sensitive (S) fish species.” If conditions cannot be identified that meet the standards of no loss of essential T E fish habitat or no net loss of essential S fish habitat, the agencies will recommend denial of the application unless they conclude that the proposed use would not harm the species.

SECTION 5: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Municipal	Daily	1,448

For irrigation use only:

Please indicate the number of primary and supplemental acres to be irrigated (*must match map*).

Primary: _____Acres Supplemental: _____Acres

If you listed supplemental acres, list the Permit or Certificate number of the underlying primary water right(s):

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: _____

- If the use is **municipal or quasi-municipal**, attach **Form M**
- If the use is **domestic**, indicate the number of households: _____ (**Exempt Uses:** Please note that 15,000 gallons per day for single or group **domestic** purposes and 5,000 gallons per day for a single **industrial or commercial** purpose are exempt from permitting requirements.)
- If the use is **mining**, describe what is being mined and the method(s) of extraction (*attach additional sheets if necessary*): _____

SECTION 6: WATER MANAGEMENT

A. Diversion and Conveyance

What equipment will you use to pump water from your well(s)?

☒ Pump (give horsepower and type):

An appropriate pump will be sized for the well upon completion of drilling and aquifer testing.

☐ Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. Groundwater will be pumped from the wellhead into a conveyance system to move water to the City's nearby Miller Road Water Treatment Plant, if treatment is necessary for iron and/or manganese. If treatment is not necessary, the water will be chlorinated at the wellhead and conveyed into the City's distribution system.

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler) *(attach additional sheets if necessary)*

Groundwater will be treated using greensand filtration to remove iron and/or manganese (if necessary). Treated water undergoes fluoridation and the addition of caustic soda for pH adjustment. The City's transmission and distribution system includes 52 miles of pipe, ranging in size from 2-inch to 24-inch diameter.

C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters *(attach additional sheets if necessary)*.

See Attached Water Conservation Master Plan.

SECTION 7: PROJECT SCHEDULE

- a) Date construction will begin: December 1, 2021
- b) Date construction will be completed: Within 20 years of Permit issuance
- c) Date beneficial water use will begin: December 1, 2022

Updated 9/3/2021
(RC)

SECTION 8: RESOURCE PROTECTION

In granting permission to use water the state encourages, and in some instances requires, careful control of activities that may affect adjacent waterway or streamside area. See instruction guide for a list of possible permit requirements from other agencies. Please indicate any of the practices you plan to undertake to protect water resources.

- ☒ Water quality will be protected by preventing erosion and run-off of waste or chemical products.
Describe: The City maintains spill protection plans for all of its facilities, and provides for safe storage of chemicals away from the well(s).
- ☒ Excavation or clearing of banks will be kept to a minimum to protect riparian or streamside areas.
Note: If disturbed area is greater than one acre, applicant should contact the Oregon Department of Environmental Quality to determine if a 1200C permit is required.

Describe planned actions and additional permits required for project implementation: A development plan will be prepared prior to drilling and construction of any wells. Any required permits will be obtained prior to the beginning of activities or as required by the permit.

- ☒ Other state and federal permits or contracts required and to be obtained, if a water right permit is granted:
List: The City will submit Plan Review documents for approval by the Oregon Health Authority Drinking Water Program.

SECTION 9: WITHIN A DISTRICT

- ☐ Check here if the point of appropriation (POA) or place of use (POU) are located within or served by an irrigation or other water district.

Irrigation District Name	Address	
City	State	Zip

SECTION 10: REMARKS

Use this space to clarify any information you have provided in the application (*attach additional sheets if necessary*).

1. The Santosh Slough is the closest surface water body, however it isn't a natural waterway. The Santosh Slough is maintained by Scappoose Drainage Improvement District, using a pumping system to remove water from the District to the Multnomah Channel.

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Minimum Requirements Checklist

Minimum Requirements (OAR 690-310-0040, OAR 690-310-0050 & ORS 537.140)

Include this checklist with the application

Check that each of the following items is included. The application will be returned if all required items are not included. If you have questions, please call the Water Rights Customer Service Group at (503) 986-0900.

Please submit the original application and signatures to the Water Resources Department. Applicants are encouraged to keep a copy of the completed application.

- ☒ SECTION 1: Applicant Information and Signature
- ☒ SECTION 2: Property Ownership
- ☒ SECTION 3: Well Development
- ☒ SECTION 4: Sensitive, Threatened or Endangered Fish Species Public Interest Information
- ☒ SECTION 5: Water Use
- ☒ SECTION 6: Water Management
- ☒ SECTION 7: Project Schedule
- ☒ SECTION 8: Resource Protection
- ☒ SECTION 9: Within a District
- ☒ SECTION 10: Remarks

Include the following additional items:

- ☒ Land Use Information Form with approval and signature of local planning department (*must be an original*) or signed receipt.
- ☒ Provide the legal description of: (1) the property from which the water is to be diverted, (2) any property crossed by the proposed ditch, canal or other work, and (3) any property on which the water is to be used as depicted on the map.
- ☒ Fees - Amount enclosed: \$ 3,260.00
See the Department's Fee Schedule at www.oregon.gov/owrd or call (503) 986-0900.
- ☒ Map that includes the following items:
 - ☒ Permanent quality and drawn in ink
 - ☒ Even map scale not less than 4" = 1 mile (example: 1" = 400 ft, 1" = 1320 ft, etc.)
 - ☒ North Directional Symbol
 - ☒ Township, Range, Section, Quarter/Quarter, Tax Lots
 - ☒ Reference corner on map
 - ☒ Location of each diversion, by reference to a recognized public land survey corner (distances north/south and east/west)
 - ☒ Indicate the area of use by Quarter/Quarter and tax lot identified clearly.
- N/A** Number of acres per Quarter/Quarter and hatching to indicate area of use if for primary irrigation, supplemental irrigation, or nursery
- N/A** Location of main canals, ditches, pipelines or flumes (if well is outside of the area of use)

Note: In addition to a groundwater application, a standard reservoir application is required to store groundwater in a reservoir. If an applicant proposes to divert water from a reservoir, a surface water application is also required.

Water-Use Permit Application Processing

1. Completeness Determination

The Department evaluates whether the application and accompanying map contain all of the information required under OAR 690-310-0040 and OAR 690-310-0050. The Department also determines whether the proposed use is prohibited by statute. If the Department determines that the application is incomplete, all fees have not been paid, or the use is prohibited by statute, the application and all fees submitted are returned to the applicant.

2. Initial Review

The Department reviews the application to determine whether water is available during the period requested, whether the proposed use is restricted or limited by rule or statute, and whether other issues may preclude approval of or restrict the proposed use. An Initial Review (IR) containing preliminary determinations is mailed to the applicant. The applicant has 14 days from the mailing date to withdraw the application from further processing and receive a refund of all fees paid minus \$260. The applicant may put the application on hold for up to 180 days and may request additional time if necessary.

3. Public Notice

Within 7 days of the mailing of the initial review, the Department gives [public notice](#) of the application in the weekly notice published by the Department at www.oregon.gov/owrd. The public comment period is 30 days from publication in the weekly notice.

4. Proposed Final Order Issued

The Department reviews any comments received, including comments from other state agencies related to the protection of sensitive, threatened or endangered fish species. Within 60 days of completion of the IR, the Department issues a Proposed Final Order (PFO) explaining the proposed decision to deny or approve the application. A PFO proposing approval of an application will include a draft permit, and may request additional information or outstanding fees required prior to permit issuance.

5. Public Notice

Within 7 days of issuing the PFO, the Department gives public notice in the weekly notice. Notice includes information about the application and the PFO. Protest must be received by the Department within 45 days after publication of the PFO in the weekly notice. Anyone may file a protest. The protest filing fee is \$410.00 for the applicant and \$810.00 for non-applicants. Protests are filed on approximately 10 percent of Proposed Final Orders. If a protest is filed the Department will attempt to settle the protest but will schedule a contested case hearing if necessary.

6. Final Order Issued

If no protests are filed, the Department can issue a Final Order within 60 days of the close of the period for receiving protest. If the application is approved, a permit is issued. The permit specifies the details of the authorized use and any terms, limitations or conditions that the Department deems appropriate

Land Use Information Form



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
503-986-0900
www.oregon.gov/OWRD

NOTE TO APPLICANTS

In order for your application to be processed by the Water Resources Department (WRD), this Land Use Information Form must be completed by a local government planning official in the jurisdiction(s) where your water right will be used and developed. The planning official may choose to complete the form while you wait, or return the receipt stub to you. Applications received by WRD without the Land Use Form or the receipt stub will be returned to you. Please be aware that your application will not be approved without land use approval.

This form is NOT required if:

- 1) Water is to be diverted, conveyed, and/or used only on federal lands; **OR**
- 2) The application is for a water right transfer, allocation of conserved water, exchange, permit amendment, or groundwater registration modification, and all of the following apply:
 - a) The existing and proposed water use is located entirely within lands zoned for exclusive farm-use or within an irrigation district;
 - b) The application involves a change in place of use only;
 - c) The change does not involve the placement or modification of structures, including but not limited to water diversion, impoundment, distribution facilities, water wells and well houses; and
 - d) The application involves irrigation water uses only.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for or modifying a water right. The Water Resources Department (WRD) requires its applicants to obtain land use information to be sure the water rights do not result in land uses that are incompatible with your comprehensive plan. Please complete the form or detach the receipt stub and return it to the applicant for inclusion in their water right application. You will receive notice once the applicant formally submits his or her request to the WRD. The notice will give more information about WRD's water rights process and provide additional comment opportunities. You will have 30 days from the date of the notice to complete the land use form and return it to the WRD. If no land use information is received from you within that 30-day period, the WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan. Your attention to this request for information is greatly appreciated by the Water Resources Department. If you have any questions concerning this form, please contact the WRD's Customer Service Group at 503-986-0801.

Land Use Information Form



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
503-986-0900
www.oregon.gov/OWRD

Applicant

NAME CITY OF SCAPPOOSE		PHONE (HM)	
PHONE (WK) (503) 543-7146	CELL	FAX	
ADDRESS 33568 E COLUMBIA AVE.			
CITY SCAPPOOSE	STATE OR	ZIP 97056	E-MAIL* DSUKAU@CITYOFSCAPPOOSE.ORG

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:	Proposed Land Use:
3N	1W	7	SE-NW	100		☒ Diverted ☒ Conveyed ☒ Used	
3N	1W	7	NE-SW	1200		☒ Diverted ☒ Conveyed ☒ Used	
3N	1W	7	SW-NW	104		☒ Diverted ☒ Conveyed ☐ Used	
See attached map for service area						☐ Diverted ☒ Conveyed ☒ Used	

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

Columbia County and City of Scappoose

B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

- ☒ Permit to Use or Store Water
 ☐ Water Right Transfer
 ☐ Permit Amendment or Groundwater Registration Modification
☐ Limited Water Use License
 ☐ Allocation of Conserved Water
 ☐ Exchange of Water

Source of water: ☐ Reservoir/Pond ☒ Groundwater ☐ Surface Water (name) _____

Estimated quantity of water needed: **2** ☒ cubic feet per second ☐ gallons per minute ☐ acre-feet

Intended use of water: ☐ Irrigation ☐ Commercial ☐ Industrial ☐ Domestic for _____ household(s)
☒ Municipal ☐ Quasi-Municipal ☐ Instream ☐ Other _____

Briefly describe:

This permit is being submitted to add up to three proposed wells at or near the City of Scappoose's Miller Road Water Treatment Plant. Groundwater will be appropriated from the basalt aquifer, diverted from the new well(s) and used for municipal drinking water throughout the City's distribution system.



Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

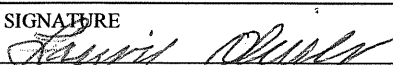
☒ Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): 17.69, 17.78 and 17.79.

☐ Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land use approvals as listed in the table below. (Please attach documentation of applicable land use approvals which have already been obtained. Record of Action/land use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

Type of Land Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land Use Approval:	
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued

Local governments are invited to express special land use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

The properties are located entirely within City limits, so only the City Planner is signing this form. The wells would be for the purpose of providing water to the entire City.

NAME LAURIE OLIVER		TITLE: PLANNING DEPARTMENT SUPERVISOR
SIGNATURE 	PHONE: 504-543-7184	DATE: 5/27/2020
GOVERNMENT ENTITY CITY OF SCAPPOOSE		

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

Applicant name: _____

City or County: _____ Staff contact: _____

Signature: _____ Phone: _____ Date: _____

Oregon Water Resources Department

FORM M

FOR MUNICIPAL AND QUASI-MUNICIPAL WATER SUPPLIES

[Information needed to make findings related to ORS 537.153(3)(c)]

- Please supply the required information in the spaces provided below.
- Do not attach reference documents. If there is a need, the Department will request them.
- Your signature is certification that identified information is contained in the reference document(s).
- If adequate space is not available on this form to describe and justify your request for additional water, attach additional pages as necessary.

Water Supplier Information

Please provide the following information related to the water supplier requesting additional water. It should be noted that the name of a water supplier is often different than the service area (*e.g., City of ABC and XYZ Urban Growth Boundary*).

Cities are not the only municipal corporation; many kinds of special districts are also allowed to purvey water. Applications requesting to use water for Quasi-Municipal use may be submitted by entities including, but not limited to, the following types of governance: a water association; private water company; or (*if under the articles of incorporation*) a broader corporation such as a destination resort. Please attach a copy of the article of incorporation related to your distribution of water.

Name of Water Supplier/Entity	Name of Service Area	Governance	Contact Person
City of Scappoose	City of Scappoose	City of Scappoose	Dave Sukau
List any water suppliers within the same service area and/or any self-supplied industrial user. (Attach an extra sheet, if necessary.)			

Request for Additional Water

Briefly explain the reason(s) for your request for additional water (*e.g. loss of current supply, backup, emergency supply, peak demand, growth, or other*). Much of the information needed may be contained in your Water Management and Conservation Plan, Water System Master Plan, or Capital Improvement Plan (*as applicable*).

Reason(s) for the Request for Additional Water	Time Table for Development of the Additional Water	Justification for Water Source & Amount Requested
Population growth and new industry.	30 years	Demand exceeds supply

Water Management and Conservation

- Do you have an approved Water Management and Conservation Plan? ☒ Yes ☐ No
- List the “In-Effect” date of your most recently approved Water Management and Conservation Plan: 1/17/2030
- Is your system fully metered? ☒ Yes ☐ No
- Do you perform annual water audits? ☒ Yes ☐ No
- Annual amount of water produced (MG): 313.9 (2018) (diverted or appropriated)
- Annual amount of water billed for (MG): 211.7* (2018) (metered consumption)

*Includes unmetered authorized consumption (i.e. consumption for fire hydrant flushing activities).

- Identify your system’s current annual water loss: 33%
(difference between the amount of water produced and the water billed for)
- Describe your rate structure and billing schedule: Base rate plus commodity with monthly billing structure
[e.g., commodity rate (uniform rate, declining or inverted block rate); fixed charge with a commodity rate; or a fixed charge and commodity rate using a seasonal differential.]

Population

A supplier’s population includes both permanent residential and transient populations. Residential population should be from census data or, if estimated, the method of estimation must be documented. Adopted comprehensive land use plans, water system master plans, or water management and conservation plans are examples of acceptable documentation. Transient populations are routine users of water by employers (*such as manufacturing or call center type facilities*) that increase the demand within a supplier’s service area. Resort areas, regional airports, sea ports, areas with seasonally variable populations, and colleges/universities are also subject to this transient population test. Special events which are rare occasions (*such as parades, rodeos, festivals, etc.*) are not reasons to apply the transient population test.

Below, please indicate the current population to which you serve water, and cite the source of that information. Please also provide the historic population growth rate over the past 10 years and the projected population you anticipate serving in 20 years.

Present Population being Served:	Source of Information
7,560 (2016)	2019 WMCP (citing Transportation System Plan)
Historic population growth rate over the past 10 years:	Source of Information
2.9% (5,861 in 2006)	2019 WMCP (citing Transportation System Plan)
Projected Population to be Served in 20 Years:	Source of Estimate/Method Used
10,935 (2038)	2019 WMCP; Transportation Plan/Population Growth Factor and Land-Use Estimates

Size of Service Area

The area/size standard includes, but is not limited to, the following: existing boundaries, city limits, urban growth boundaries, urban reserves and zoning maps. Quasi-Municipal applicants must supply a map of the intended service area with an overlay of zoning.

Present Size of Service Area (in Acres)	List Current Zones by Percent of Total (Include any special zoning, such as a shovel-ready industrial zone of more than 50 contiguous acres)	Source of Information
2,171	High Density Residential 1.7% General Commercial 3.1% Expanded Commercial 8.6% Light Industrial 4.7% Manufactured Housing Residential 3.9% Public Lands-Institutional 0.2% Public Lands-Recreation 5.3% Public Lands-Utility 0.9% Public Use Airport 31.6% Low Density Residential 19.2% Moderate Density Residential 20.8%	City GIS
Projected Size in 20 Years (in Acres)	Anticipated Zoning by Percent	Source of Estimate
2,823	High Density Residential 1.7% General Commercial 3.0% Expanded Commercial 8.4% Light Industrial 4.8% Manufactured Housing Residential 3.8% Public Lands-Institutional 0.2% Public Lands-Recreation 5.6% Public Lands-Utility 3.3% Public Use Airport 30.6% Low Density Residential 18.7% Moderate Density Residential 20.2%	City GIS

Current Water Supply

In the table below, please describe all of the sources of your current water supply inventory (*both active and inactive*). Identify those sources and associated water rights that are currently in use. Additionally, please identify any water sources/water rights that are not currently used, or used only on a seasonal or emergency basis, and describe the reason(s) why. If any portion of your water supply is being purchased, identify the supplying entity and, if possible, indicate the water source. [See Tables 2.2, 2.3 and 2.4 in attached WMCP.](#)

Water Source (Include any wholesale purchases of water)	Water Right Numbers (Permit and/or Certificate)	Priority Date	Amount of Water Allowed	Actively Used? (Yes or No) If "No," explain.
Surface Water (South Scappoose Creek, Gourlay Creek, Lazy Creek)	S-5813/S-25918	1/24/1923 and 11/24/1958	14 cfs	Yes
Miller Road (Alluvial Aquifer)	G-17644	7/5/2002	2.07 cfs	Yes
Dutch Canyon (Alluvial Aquifer)	T-12586 G-17643	4/30/1979 and 3/10/2000	0.897 cfs 0.557 cfs	Yes
Well in Jackson Creek Basin (Alluvial Aquifer)	GR-923	12/31/1950	0.11 cfs	No (this well is not in use due to water quality concerns)

Is this application for a new water use permit intended to be used as a primary or backup source? Explain how this right will be used to meet current demand and/or how it will be used to increase reliability and resiliency?

This permit is intended to be used as a primary source. The City currently may not have sufficient supply to meet maximum daily demand in both a normal and reliability scenarios. Additionally, the City anticipates a future deficiency in its ability to meet average daily demand by 2038. The additional 2 CFS provided by this permit will increase reliability and the resiliency of the water supply system.

Those suppliers that have prepared a WMCP may also wish to attach a copy of their water rights inventory table (typically included in the *Water Supplier Description* element of a WMCP).

Current Water Use

Describe the nature of your current demands for water, as well as the water sources used to meet those needs.

Current Demands for Water (Year: 2016)

Water Source (Including wholesale water purchases)	Water Right Numbers (Permit and/or Certificate)	Peak or Maximum Demand		Average Demand	
		Maximum Instantaneous Rate (in cfs or gpm)	Maximum Daily Demand (MG)	Average Daily Demand (MG)	Average Annual Demand (MG)
Surface Water	S-5813/S-25918	0.557 cfs	1.34	0.75	273.75
Miller Road	G-17644	0.9 cfs			
Dutch Canyon	T-12586 G-17643	0.897 cfs 0.557 cfs			
Totals					

- Per-capita daily demand (in gallons): [97.5](#)
(Divide average annual water sales by population to arrive at consumption, and then divide by 365 to get daily values.)
- Peak season (by month/day): [5/1](#) to [10/1](#)
- Peak Season number of hours diverted/pumped (if available): [24,600 \(estimate\)](#)
- Peak season per-capita daily consumption (in gallons): [116](#)
(Divide total peak season demand by population and the number of days during the peak.)
- Peaking Factor (ratio between max day demand and average day demand): [1.86](#)

Projected Water Use

Describe your anticipated water demands for the next 20 years, and identify the sources of water (*existing and/or new*) that will be used to meet those demands. Please also describe the methodology and/or information source used to make the projected water demand estimates.

Projected Demands for Water in 20 Years (Year: [2038](#))

- Current average per capita demand (in gallons): [97.5](#)
- Projected population served in year ([2038](#)): [10,935](#)
- Projected average annual demand (MG): [631.45](#)
- Projected average daily demand (MG): [1.73](#)
- Current peaking value: [1.86](#)
- Projected maximum daily demand (MG): [2.97](#)

Water Source (Including wholesale water purchases)	Water Right Numbers (Permit and/or Certificate) If a new water source, indicate so.	Projected Peak Daily Demand		Projected Average Daily Demand	
		Maximum Instantaneous Rate (in cfs or gpm)	Maximum Daily Demand (MG)	Average Daily Demand (MG)	Average Annual Demand (MG)
Surface Water	S-5813/S-25918	0.557 cfs	3.0	1.73	631.45
Miller Road	G-17644	1.01 cfs			
Dutch Canyon	T-12586 G-17643	0.897 cfs 0.557 cfs			
Totals					
Source or Methodology Used for Demand Projections: 2019 WMCP					

Describe any issues, deficiencies or limitations associated with your current water supply inventory contributing to the need to acquire additional water in order to satisfy your current and/or projected 20-year demands:

The existing sources of water are not able to meet the City's projected growth demands.

Annual Water Use by Type

In the table below, list the quantity of water diverted for each type of water use and the percentage of the total diversion associated with that use type:

Type	Current Use (2016)		Use In 20 Years	
	Quantity Diverted:	Percentage of Total Diversion:	Projected Quantity to be Diverted:	Percentage of Total Diversion:
Residential:	361,671 gpd	67%	343,590 gpd	33%
Commercial:	57,790 gpd	11%	54,900 gpd	5%
Institutional:	N/A			
Agricultural:	N/A			
Industrial:	1,882 gpd	<1%	522,800 gpd	50%
Other: Manufactured Homes	62,453 gpd	11%	59,330 gpd	6%
Other: Public Lands	6,426 gpd	1%	6,100 gpd	1%
Non-revenue water:	52,867 gpd	10%	50,220 gpd	5%
Total Diverted:	543,089 gpd	100%	1,036,940 gpd	100%

Attachment A

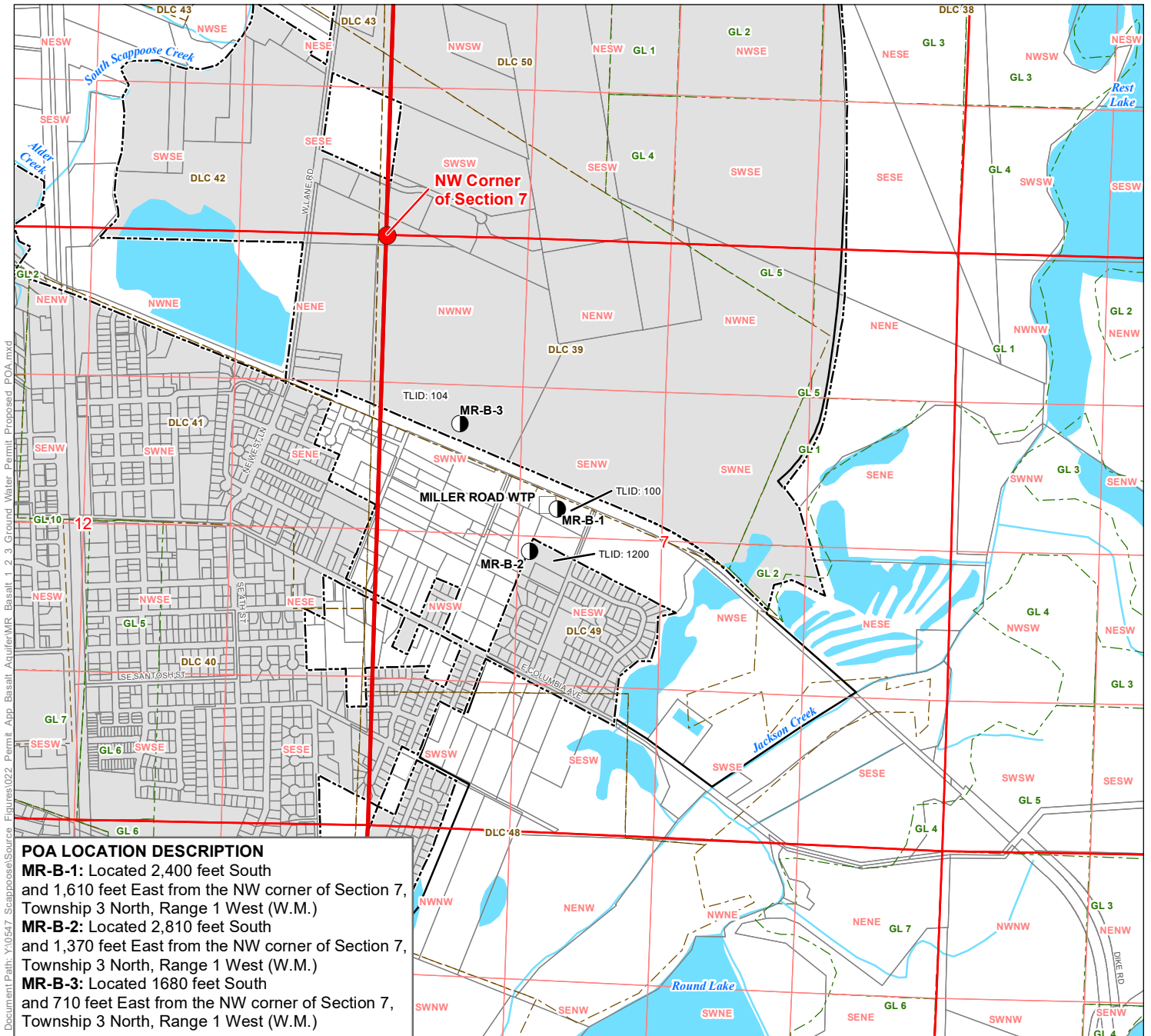
Maps

Groundwater Permit Application in the Name of City of Scappoose

Proposed Point of Appropriation

Columbia County, Oregon

Township 3 North, Range 1 West (W.M.)



LEGEND

- | | | | |
|--|---------------------------------------|--|-----------------------|
| | Proposed Point of Appropriation (POA) | | City Boundary |
| | Water Treatment Plant (WTP) | | Urban Growth Boundary |
| | Place of Use (POU) | | Tax Lot |
| | Government Lot (GL) | | Watercourse |
| | Donation Land Claim (DLC) | | Waterbody |

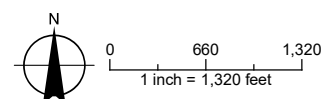
DISCLAIMER

This map was prepared for the purpose of identifying the location of a water right only and it is not intended to provide legal dimensions or location of property ownership lines.

MAP NOTES

Date: May 19, 2020

Data Sources: BLM, ESRI, Crook Co., USGS, OGIC



Robyn Cook

From: MUCKEN Alyssa M * WRD <Alyssa.M.Mucken@oregon.gov>
Sent: Thursday, May 14, 2020 11:20 AM
To: Robyn Cook
Subject: RE: Map waiver for GW application?

Hi Robyn, thank you for your email. The Department has approved the scale used for the application map for the City of Scappoose of 1 inch = 1,700 feet.

Please include this email with the application materials.

Thank you!

Alyssa

[Alyssa Mucken](#)

Water Rights Section Manager
725 Summer St NE Suite A | Salem OR 97301 | 503-986-0891
Pronouns: she/her/hers

[Integrity](#) | [Service](#) | [Technical Excellence](#) | [Teamwork](#) | [Forward-Looking](#)



From: Robyn Cook <rcook@gsiws.com>
Sent: Monday, May 04, 2020 2:18 PM
To: MUCKEN Alyssa M * WRD <Alyssa.M.Mucken@oregon.gov>
Subject: Map waiver for GW application?

Hello Alyssa,
I hope you and your family are doing well!

Please see the attached map – we are pulling together a groundwater permit application for the City of Scappoose, and I was wondering if we could get a waiver for the map size for the Place of Use? We'll have a POA map that meets the scale requirements.

Thank you, and take care.

Robyn



Robyn Cook, RG, PG, CWRE

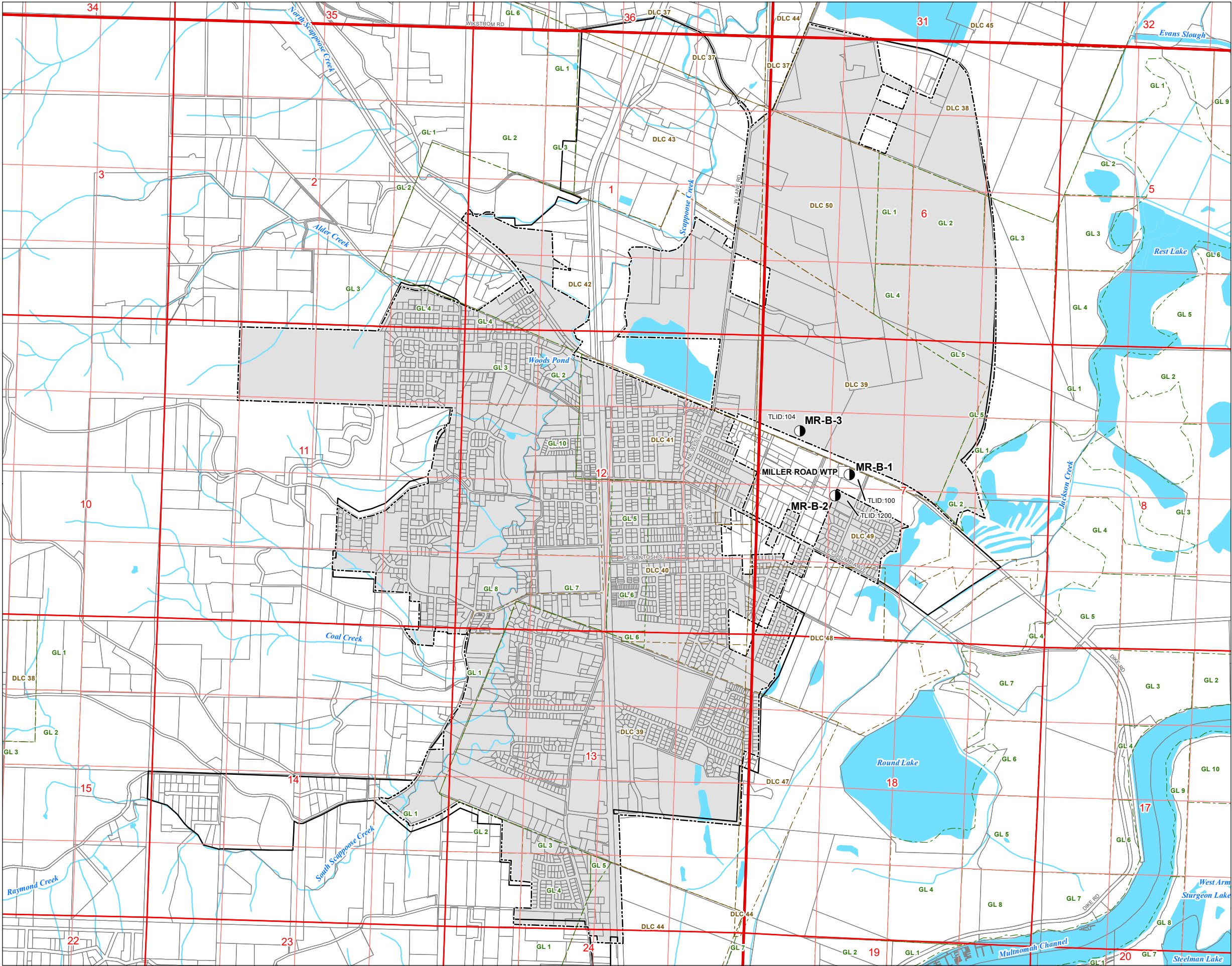
Managing Hydrogeologist

direct: 971.200.8505 | mobile: 503.930.3382
55 SW Yamhill Street, Suite 300, Portland, OR 97204
GSI Water Solutions, Inc. | www.gsiws.com

Working from home for the foreseeable future. I will respond to your email as soon as I can, but if you need immediate assistance please call. I am also homeschooling two children, so I appreciate your patience. Be well.

This email contains information that may be confidential and/or a privileged work product prepared in anticipation of litigation. The information is intended to be for the use of the individual or entity named above. If you are not the intended recipient, please be aware that

any disclosure, copying, distribution, or use of the contents of this information is prohibited. If you have received this communication in error, please notify me by phone or email.



Document Path: Y:\0547_Scappoose\Source_Figures\022_Permitt_App_Basalt_Aquifer\MR_Basalt_1_2_3_Ground_Water_Permitt_Proposed_POU.mxd

Groundwater Permit Application in the Name of City of Scappoose

Proposed Place of Use

Columbia County, Oregon

Township 3 North, Range 1 West (W.M.)

LEGEND

- Proposed Point of Appropriation (POA)
- Water Treatment Plant (WTP)
- Place of Use (POU)
- ▤ Government Lot (GL)
- ▤ Donation Land Claim (DLC)

All Other Features

- ▭ City Boundary
- ▭ Urban Growth Boundary
- ▭ Tax Lot
- ~ Watercourse
- Waterbody

POA LOCATION DESCRIPTION

MR-B-1: Located 2,400 feet South and 1,610 feet East from the NW corner of Section 7, Township 3 North, Range 1 West (W.M.)

MR-B-2: Located 2,810 feet South and 1,370 feet East from the NW corner of Section 7, Township 3 North, Range 1 West (W.M.)

MR-B-3: Located 1680 feet South and 710 feet East from the NW corner of Section 7, Township 3 North, Range 1 West (W.M.)

0 850 1,700

Feet

Date: May 19, 2020
Data Sources:

Attachment B

Legal Descriptions

LEGEND

- FOUND MONUMENT AS NOTED.
- SET 5/8" X 30" IRON ROD W/ YELLOW PLASTIC CAP MARKED "ACS&P 668-3151". SET 12/4/98
- (1) RECORD VALUE PER THE PLAT OF SUNSET ESTATES PLAT BOOK NO. 4 PAGE 26
- (2) INDICATES RECORD DEED VALUE PER CO. CLERKS INST. NO. 93-3837

FOUND 1/2" IRON PIPE DEED MONUMENT, HELD FOR NORTH LINE, N 64°14'16" W 0.14' TO CALCULATED POSITION, SEE CS 2284 N 5358.18 E 5077.63

INST. NO. 92-4059

NOTES:
1) THERE ARE NO OCCUPIABLE GEODETIC CONTROL POINTS WITHIN ONE-HALF MILE OF THIS PLAT PER COLUMBIA COUNTY SURVEYOR.

2) THIS PARTITION MAY BE SUBJECT TO A/N EASEMENT GRANTED TO SCAPPOOSE DRAINAGE DIST. SEE DEED BOOK 60, PAGE 209.

PARTITION PLAT NO. 1998-69

IN THE SW 1/4 OF SECTION 7, T3N, R1W, W.M.
IN THE CITY OF SCAPPOOSE, COLUMBIA COUNTY, OREGON
DATE DEC. 4 1998 SCALE 1" = 50'

SURVEYOR'S NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO ESTABLISH THE BOUNDARY OF A TRACT OF LAND DESCRIBED IN COUNTY CLERK'S INSTRUMENT NO. 93-3837, AND PARTITION INTO TWO PARCELS. I PROCEEDED BY RECOVERING MONUMENTS ON THE BOUNDARY OF SUBJECT TRACT. I HELD A 5/8" IRON ROD FOUND AT THE SOUTHEAST CORNER OF LOT 1 AND A 5/8" IRON ROD FOUND AT THE NORTHEAST CORNER OF LOT 16, SUNSET VIEW, TO CALCULATE THE RIGHT OF WAY OF MILLER ROAD BY OFFSETTING 25 FEET EASTERLY. THE EASTERLY LINE OF THE SUBJECT PROPERTY WAS THEREFORE HELD AT A 20 FOOT WESTERLY OFFSET FROM THIS CALCULATED CENTERLINE. I LOCATE THE WESTERLY LINE OF THE SUBJECT PROPERTY BY PROJECTING A LINE NORTHEASTERLY BETWEEN MONUMENTS AT THE SOUTHWEST CORNER OF LOT 4, AND THE NORTHWEST CORNER OF LOT 12, SUNSET ESTATES. THE NORTH LINE OF THE SUBJECT PROPERTY WAS DETERMINED BY HOLDING FOUND ORIGINAL DEED IRON PIPES AT THE NORTHWESTERLY AND NORTHEASTERLY CORNERS. THE SOUTH LINE WAS DETERMINED BY HOLDING THE FOUND ORIGINAL IRON PIPE AT THE SOUTHWEST CORNER AND HOLDING A LINE PARALLEL TO THE NORTH LINE AS DESCRIBED PREVIOUSLY. THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE NORTH LINE OF SUNSET ESTATES AS DETERMINED BY THE FOUND MONUMENTS FROM SAID PLAT AS SHOWN HEREON.

SURVEYOR'S CERTIFICATE

I, SCOTT S. COOTER, DO HEREBY CERTIFY THAT I HAVE CORRECTLY SURVEYED AND MARKED WITH PROPER MONUMENTS THE LAND REPRESENTED ON THE ATTACHED PARTITION PLAT SITUATED IN THE SW 1/4 OF SECTION 7, T.3N., R.1W., W.M., CITY OF SCAPPOOSE, COLUMBIA COUNTY, OREGON, THE BOUNDARY BEING DESCRIBED AS FOLLOWS:

BEGINNING AT THE INITIAL POINT WHERE I SET FOUND 5/8 INCH DIAMETER IRON ROD WITH YELLOW PLASTIC CAP MARKED "ACS&P 668-3151", SAID IRON ROD MARKING THE SOUTHEAST CORNER OF PARCEL II OF THAT PROPERTY AS DESCRIBED IN COUNTY CLERK'S INSTRUMENT NO. 93-3837, RECORDS OF COLUMBIA COUNTY, OREGON; THENCE ALONG THE SOUTHERLY LINE OF SAID PROPERTY NORTH 64°14'16" WEST 399.70 FEET TO THE SOUTHWESTERLY CORNER OF SAID PARCEL II; THENCE ALONG THE WESTERLY LINE OF PARCEL II AND PARCEL I, INSTRUMENT NO. 93-3837 NORTH 20°07'12" EAST 328.70' FEET TO THE NORTHWESTERLY CORNER OF SAID PARCEL I; THENCE ALONG THE NORTHERLY LINE OF SAID PARCEL I SOUTH 64°14'16" EAST 399.60 FEET TO A POINT ON THE WESTERLY RIGHT OF WAY LINE OF MILLER ROAD; THENCE ALONG SAID RIGHT OF WAY LINE SOUTH 20°06'11" WEST 328.71 FEET TO THE POINT OF BEGINNING.

DECLARATION

NOW ALL PERSONS BY THESE PRESENTS THAT MICHAEL E. JOHNSON IS THE OWNER OF THE LAND DEPICTED HEREON AND DESCRIBED IN THE ACCOMPANYING SURVEYOR'S CERTIFICATE AND HAS CAUSED THE SAME TO BE PARTITIONED AND SURVEYED INTO PARCELS AS SHOWN ON THE ANNEXED MAP. THIS PLAT CONFORMS TO THE PROVISIONS OF CHAPTER 92 OF THE OREGON REVISED STATUTES.

Michael E. Johnson
MICHAEL E. JOHNSON

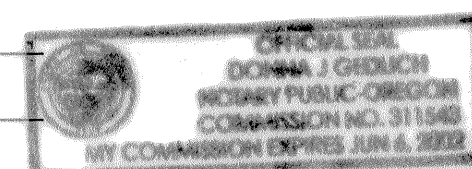
ACKNOWLEDGMENT

STATE OF OREGON)
COUNTY OF COLUMBIA) SS

SAID
KNOW ALL PERSONS BY THESE PRESENTS ON THIS 7th DAY OF DECEMBER, 1998, BEFORE ME, A NOTARY PUBLIC IN AND FOR STATE AND COUNTY, PERSONALLY APPEARED MICHAEL E. JOHNSON WHO BEING DULY SWORN DID SAY THAT HE IS THE IDENTICAL PERSON NAMED IN THE FOREGOING DECLARATION AND THAT SAID DECLARATION WAS EXECUTED FREELY AND VOLUNTARILY.

NOTARY PUBLIC

MY COMMISSION EXPIRES 6-6-02



APPROVALS

BY: *Ben Shaw* 12-7-98
CITY ENGINEER, CITY OF SCAPPOOSE

BY: *Donna J. Groun*
CITY MANAGER, CITY OF SCAPPOOSE

APPROVED: December 16, 1998
COUNTY SURVEYOR
COLUMBIA COUNTY, OREGON

BY: *Scott S. Cooter*
DEPUTY

ALL TAXES, FEES, ASSESSMENTS OR OTHER CHARGES AS PROVIDED BY O.R.S. 92.095 HAVE BEEN PAID FROM *July 1*, 19 *98* THROUGH *June 30*, 19 *99* COLUMBIA COUNTY, OREGON.

BY: *Michael E. Johnson*
COLUMBIA COUNTY
DIRECTOR OF FINANCE AND TAXATION

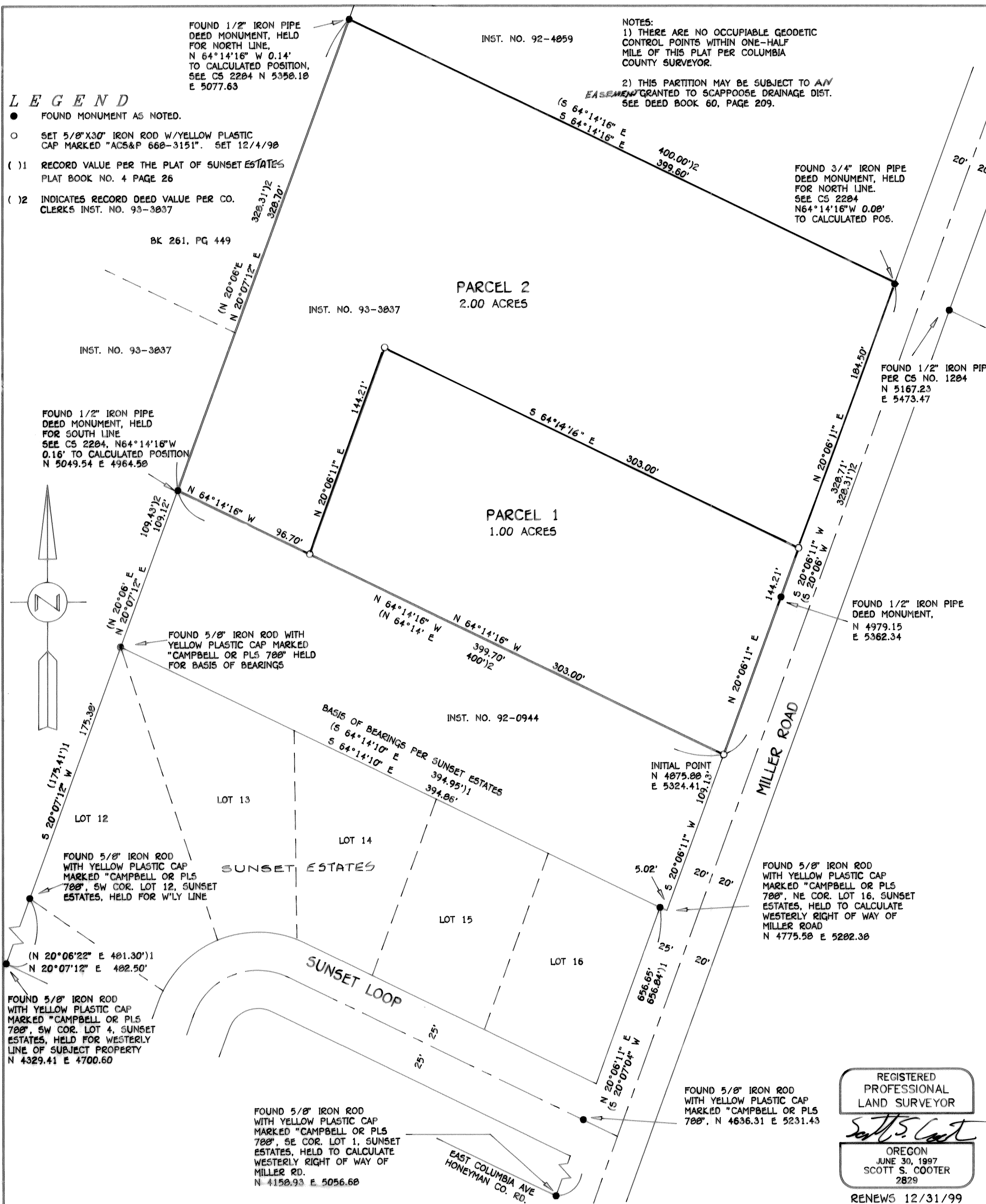
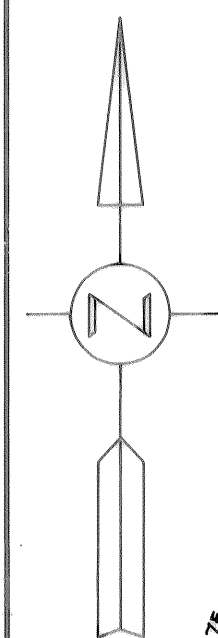
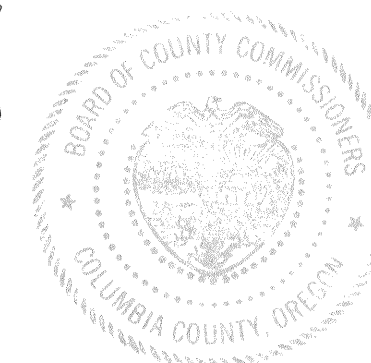
STATE OF OREGON)
COUNTY OF COLUMBIA) SS

I DO HEREBY CERTIFY THAT THE ATTACHED PARTITION PLAT WAS RECEIVED FOR RECORD AND RECORDED December 21, 1998 AT 9:41 A.M. AS PARTITION PLAT NO. 1998-69 BY *Columbia* COUNTY RECORDING OFFICE

INSTRUMENT NO. 98-13657



CLIENT: CITY OF SCAPPOOSE, BEN SHAW PUB. WORKS
PROJECT NUMBER: 98-104
DRAWING NUMBER: 98-104P.DWG PAGE 1 OF 1



REGISTERED PROFESSIONAL LAND SURVEYOR
Scott S. Cooter
OREGON
JUNE 30, 1997
SCOTT S. COOTER
2829
RENEWS 12/31/99

Property Line Adjustment
for
Brian Richards
In Tract 56 and Tract 57 of the
B.M. and William Watts Donation Land Claims
In the Northwest Quarter of Section 7
Township 3 North, Range 1 West, Willamette Meridian
Columbia County, Oregon
April 30, 2001



Drawing Name: 3020

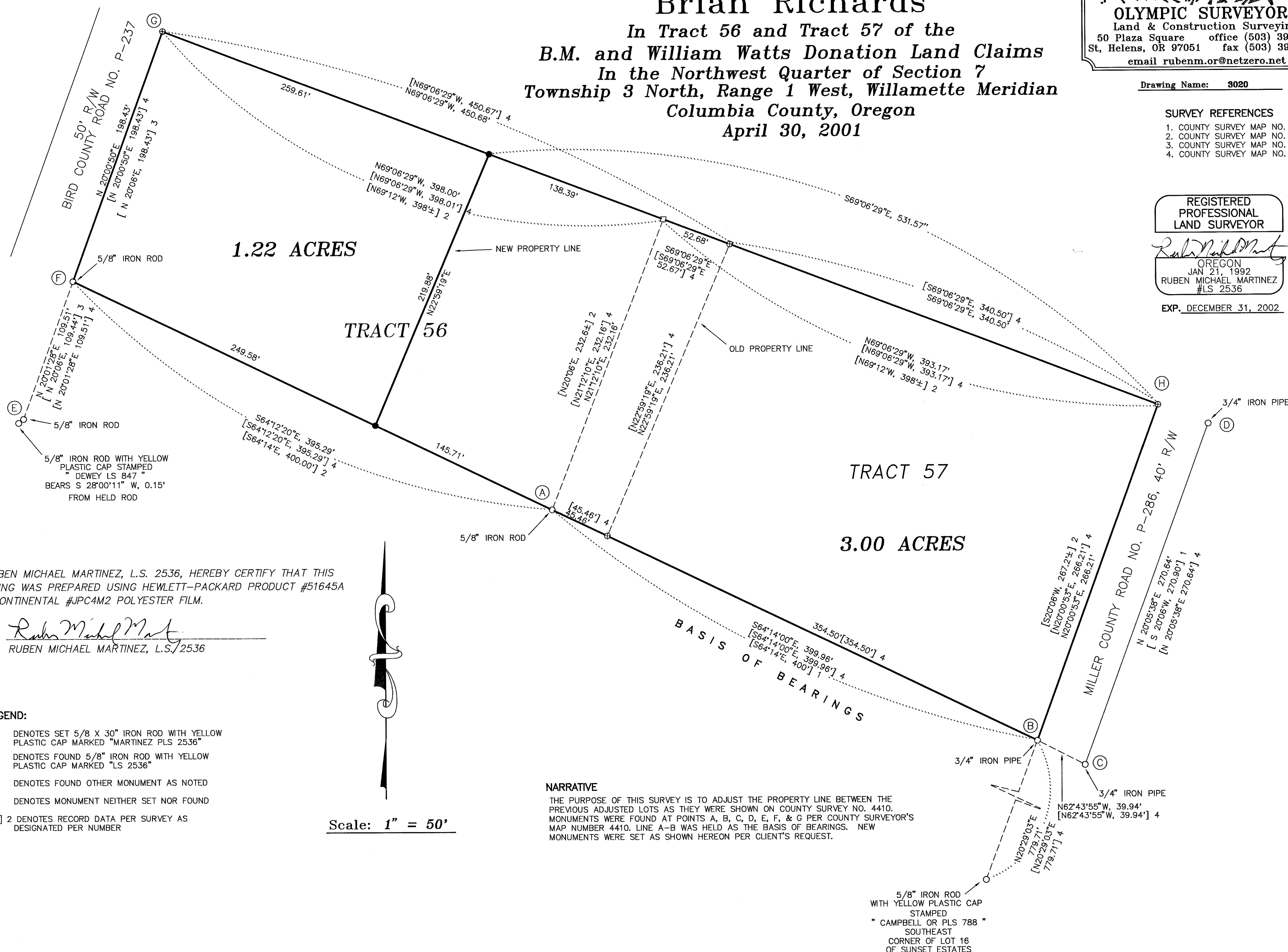
SURVEY REFERENCES

1. COUNTY SURVEY MAP NO. 2284
2. COUNTY SURVEY MAP NO. 377
3. COUNTY SURVEY MAP NO. 1400
4. COUNTY SURVEY MAP NO. 4410

REGISTERED
PROFESSIONAL
LAND SURVEYOR

Ruben Michael Martinez
OREGON
JAN 21, 1992
RUBEN MICHAEL MARTINEZ
#LS 2536

EXP. DECEMBER 31, 2002



I, RUBEN MICHAEL MARTINEZ, L.S. 2536, HEREBY CERTIFY THAT THIS TRACING WAS PREPARED USING HEWLETT-PACKARD PRODUCT #51645A ON CONTINENTAL #JPC4M2 POLYESTER FILM.

Ruben Michael Martinez
RUBEN MICHAEL MARTINEZ, L.S. 2536

LEGEND:

- DENOTES SET 5/8 X 30" IRON ROD WITH YELLOW PLASTIC CAP MARKED "MARTINEZ PLS 2536"
- ⊕ DENOTES FOUND 5/8" IRON ROD WITH YELLOW PLASTIC CAP MARKED "LS 2536"
- DENOTES FOUND OTHER MONUMENT AS NOTED
- DENOTES MONUMENT NEITHER SET NOR FOUND
- [] 2 DENOTES RECORD DATA PER SURVEY AS DESIGNATED PER NUMBER

Scale: 1" = 50'

NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO ADJUST THE PROPERTY LINE BETWEEN THE PREVIOUS ADJUSTED LOTS AS THEY WERE SHOWN ON COUNTY SURVEY NO. 4410. MONUMENTS WERE FOUND AT POINTS A, B, C, D, E, F, & G PER COUNTY SURVEYOR'S MAP NUMBER 4410. LINE A-B WAS HELD AS THE BASIS OF BEARINGS. NEW MONUMENTS WERE SET AS SHOWN HEREON PER CLIENT'S REQUEST.

Alexandra Rains

From: edfreeman3175@aol.com
Sent: Tuesday, June 9, 2020 12:31 PM
To: Alexandra Rains
Cc: keith.buisman@otak.com
Subject: basalt well request

Dear Alexandra;

It is my understanding that The City of Scappoose is submitting an application to the Oregon Water Resources Department (OWRD) to install up to three new deep basalt wells and one is tentatively proposed to be located on Airpark Development's property near the existing CZ-1 well. Following our group discussion today, it is also my understanding that this new well can fit within the easement area of our existing alluvial well which is just being completed.

This email letter is to acknowledge Airpark's willingness to have the new basalt well located on our property.

With regards,

Ed Freeman, President
Airpark Development LLC

SURVEY REFERENCES

- [2009-18] PARTITION PLAT 2009-18
 [2004-25] PARTITION PLAT 2004-25
 [ABC] "AERO BUSINESS CENTER", PLAT BOOK 7, PAGE 5
 [6-018] "WESTVIEW SUBDIVISION", PLAT BOOK 6, PAGE 18
 [3-012] "FIRST ADDITION TO ROLLING COURT", PLAT BOOK 3, PAGE 12
- [5789] CS 5789
 [5614] CS 5614
 [5549] CS 5549
 [5328] CS 5328
 [5003] CS 5003
 [4887] CS 4887
 [2464] CS 2464
 [1946] CS 1946
 [1629] CS L-1629

ABBREVIATIONS

- CS SURVEY NUMBER, COLUMBIA COUNTY SURVEY RECORDS
 I.P. IRON PIPE (INSIDE DIAMETER NOTED)
 I.R. IRON ROD
 MON. MONUMENT
 R/W RIGHT OF WAY
 W/PC WITH YELLOW PLASTIC CAP

PARTITION PLAT NO. 2016-005

A REPLAT OF PARCEL 1 OF PARTITION PLAT NO. 2009-18 LOCATED IN THE SE 1/4 OF SECTION 1 AND IN THE NE 1/4 OF SECTION 12, T.3N, R.2W AND IN THE NW 1/4 OF SECTION 7 AND IN THE SW 1/4 OF SECTION 6, T.3N, R.1W, W.M., CITY OF SCAPPOOSE, COLUMBIA COUNTY, OREGON

SURVEYED MAY 11, 2016

LEGEND

- FOUND MONUMENT AS NOTED ON SHEETS 2, HELD UNLESS OTHERWISE NOTED
- SET 5/8 INCH x 30 INCH IRON ROD WITH YELLOW PLASTIC CAP MARKED "OTAK INC."

() AS SHOWN ON OR CALCULATED FROM REFERENCED SURVEYS

[] RECORD DOCUMENT REFERENCE

BEARINGS AND DISTANCES NOT IN PARENTHESIS ARE MEASURED. MEASURED DATA FOLLOWED BY A RECORD DOCUMENT REFERENCE INDICATES THAT THE MEASUREMENT MATCHES THE RECORD DOCUMENT.



Harris Global Partner
 806 SW 3rd Ave., Ste. 300
 Portland, OR 97204
 Phone: (503) 287-6825
 Fax: (503) 415-2304
 www.otak.com
 project: 17943

NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO PARTITION THAT TRACT OF LAND DESCRIBED IN THE ACCOMPANYING SURVEYOR'S CERTIFICATE INTO 2 PARCELS. THE NORTHERLY LINE AND BASIS OF BEARINGS IS THE SOUTHERLY LINE OF "AERO BUSINESS CENTER" BEING SOUTH 65°21'49" EAST BETWEEN FOUND MONUMENTS (103) AND (107).

FOR THE EAST LINES ALONG THE BOUNDARY OF SCAPPOOSE INDUSTRIAL AIRPORT 1 HELD FOUND MONUMENTS (107), (108) AND (109).

FOR THE MOST SOUTHERLY EAST LINE BEING THE LINE COMMON TO PARCELS 1 AND 2 OF PARTITION PLAT 2009-18, I RAN A LINE FROM FOUND MONUMENT (109) TO A POINT ON THE NORTHERLY RIGHT OF WAY LINE OF OLD CROWN ZELLERBACH ROAD A DISTANCE OF 1663.44 FEET SOUTHEASTERLY OF AN ANGLE POINT IN SAID RIGHT OF WAY LINE PER CS 2464 AND PARTITION PLAT 2009-18. (SAID NORTHERLY RIGHT OF WAY LINE AND ANGLE POINT THEREIN AS DESCRIBED BELOW.) FOUND MONUMENT (202) WAS NOT ACCEPTED AS THE IRON ROD SHOWN ON CS 2464 AND CALLED TO ON PARTITION PLAT 2009-18 BECAUSE IT DOES NOT FIT THE ABOVE REFERENCED DISTANCE BY MORE THAN 24 FEET. NO LINES OF OCCUPATION OR OTHER EVIDENCE WAS OBSERVED TO INDICATE THAT SAID IRON ROD MAY BE THE ORIGINAL MONUMENT, WHICH MAY HAVE BEEN DESTROYED DURING THE CONSTRUCTION OF NEARBY STORM DRAIN AND SANITARY SEWER LINES.

THE SOUTH LINE IS THE NORTHERLY RIGHT OF WAY LINE OF CROWN ZELLERBACH ROAD ESTABLISHED HOLDING A DISTANCE OF 50.00 FEET FROM FOUND CENTERLINE MONUMENT (203) SET IN CS 5789 AND A DISTANCE OF 100.00 FEET FROM THE FOUND SOUTHERLY RIGHT OF WAY LINE MONUMENT (113) SET IN SN 2464. NO RECORDS WERE FOUND SHOWING THE RELATIONSHIP OF THE FOUND MONUMENTS OF UNKNOWN ORIGIN TO THE RIGHT OF WAY LINES, HOWEVER THE ALIGNMENT DESCRIBED ABOVE REMAINS GENERALLY CENTERED ON SAID MONUMENTS WITH FALLINGS AS SHOWN IN THE TABLE.

FOR THE MOST SOUTHERLY WEST LINE AND THE MOST WESTERLY SOUTH LINE 1 HELD FOUND MONUMENTS (203) AND (204) SET IN PROPERTY LINE ADJUSTMENT CS 5789 WITH ANGLE AND DISTANCE DATA PER SAID SURVEY.

THE WEST LINE IS THE EAST RIGHT OF WAY LINE OF WEST LANE ROAD 30.00 FEET EASTERLY OF THE CENTERLINE THEREOF. SAID CENTERLINE WAS ESTABLISHED HOLDING THE ANGLES AND DISTANCES PER CS 5614 AND OFFSETS PER CS 5614 FROM FOUND MONUMENTS (149), (147), (105) AND (103) AS SHOWN IN TABLE ON SHEET 2.

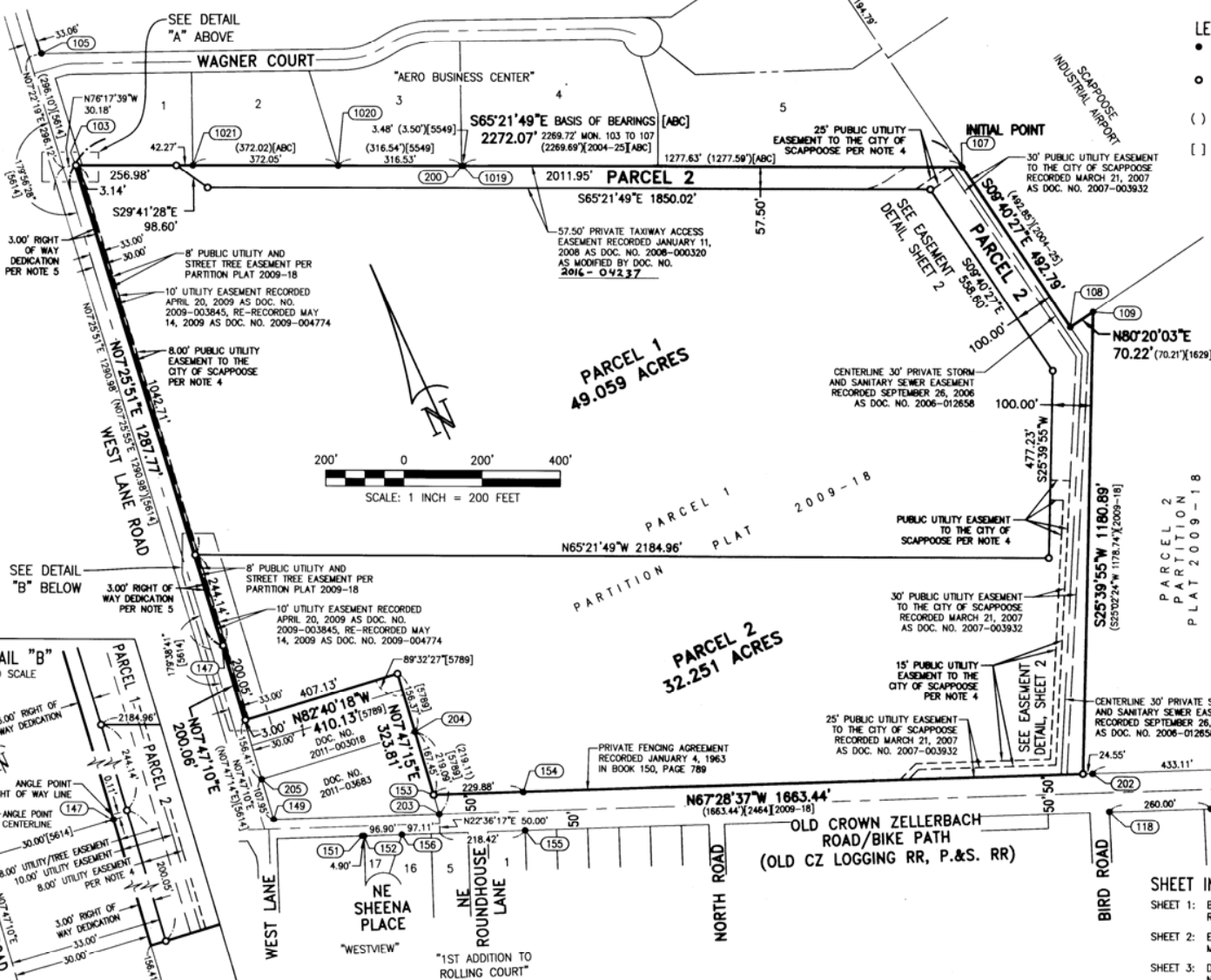
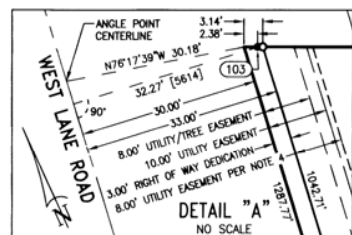
SHEET INDEX

- SHEET 1: BOUNDARY, NARRATIVE, SURVEY REFERENCES, LEGEND
 SHEET 2: EASEMENT DETAIL, FOUND MONUMENT TABLE, CERTIFICATE
 SHEET 3: DECLARATION, ACKNOWLEDGEMENTS, NOTES, APPROVALS

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR

 OREGON
 NOVEMBER 12, 2013
 MICHAEL D. SPELTS
 87475PLS
 RENEWS: 06-30-2016

SHEET 1 OF 3



PARTITION PLAT NO. 2016-005

SURVEYED MAY 11, 2016

NUMBER	DESCRIPTION	MARKINGS	SET IN	NOTES
101	5/8" I.R. W/YPC	"HAGEDORN RLS 733"	CS 1946	ON EXTENSION OF E. LINE
102	5/8" I.R. W/YPC	"LS 847"	PP 2004-25	HELD FOR N'LY LINE, HELD 32.27' FROM CENTERLINE PER CS 5614, S65°21'49"E 2.38' OF CORNER
103	5/8" I.R. W/YPC	"LS 847"	PP 2004-25	HELD 33.06' FROM CENTERLINE PER CS 5614 AS TIED IN 2006, SINCE DESTROYED BY CONSTRUCTION
107	5/8" I.R. W/YPC	"LS 847"	PP 2004-25	HELD
108	5/8" I.R. W/YPC	"COLUMBIA COUNTY SURVEYOR"	CS L-1629	HELD
109	5/8" I.R. W/YPC	"COLUMBIA COUNTY SURVEYOR"	CS L-1629	HELD
111	5/8" I.R. W/YPC	"MARTINEZ PLS 2536"	CS 4887	0.24' N'LY OF R/W
112	1/2" I.R., NO CAP	NONE	ORIGIN UNKNOWN	0.27' S'LY OF R/W
113	3/4" I.P.	NONE	CS 2464	ON R/W LINE
118	5/8" I.R., NO CAP	NONE	ORIGIN UNKNOWN	0.90' N'LY OF R/W
147	5/8" I.R. W/YPC	PARTIALLY LEGIBLE "DEWEY SURVEYING..."	CS 4421	HELD ON R/W LINE 0.11' S'LY OF ANGLE POINT PER CS 5614 AS TIED IN 2006, FOUND BENT IN 2016, TOP S69°04'14"W 0.35' OF ANGLE POINT
149	STONE MARKED WITH "X"	"X"	ORIGIN UNKNOWN	HELD FOR INTERSECTION OF R/W LINES PER CS 5328, CS 5452 & CS 5614 (SEE NOTE 3, SHEET 3)
151	3/4" I.P.	NONE	ORIGIN UNKNOWN	25.13' FROM CENTERLINE PER CS 5328
152	5/8" I.R. W/YPC	"WESTLAKE CONSULTANTS"	CS 5003	25.15' FROM CENTERLINE PER CS 5328
153	5/8" I.R., NO CAP	NONE	ORIGIN UNKNOWN	S08°54'27"E 2.57' OF CORNER 72.78' FROM CENTERLINE PER CS 5328 & CS 5789
154	5/8" I.R., NO CAP	NONE	ORIGIN UNKNOWN	DOWN 0.2', BENT TO SE, 0.54' S'LY OF R/W LINE AT BEND
155	2" I.P.	NONE	"1ST ADD. ROLLING COURT"	0.07' N'LY OF R/W LINE (0.01' N'LY PER CS 5328)
156	5/8" I.R. W/YPC	"WESTLAKE CONSULTANTS"	"WESTVIEW"	25.12' FROM CENTERLINE PER CS 5789
200	2" ALUMINUM CAP, FLUSH IN ASPHALT	"NORTHWEST SURVEYING"	CS 5549	ON N. LINE
202	5/8" I.R., NO CAP, BENT BADLY	NONE	ORIGIN UNKNOWN	0.62' S'LY OF R/W LINE AT BEND
203	5/8" I.R., W/YPC, UP 0.1'	"K.L.S. SURVEYING"	CS 5789	HELD FOR S'LY EXTENSION OF S'LY WEST LINE & ANGLE POINT R/W LINE
204	5/8" I.R. W/YPC, FLUSH	"K.L.S. SURVEYING"	CS 5789	HELD FOR S'LY WEST LINE
205	5/8" I.R. W/YPC, FLUSH	"K.L.S. SURVEYING"	CS 5789	0.08' WEST OF R/W LINE
1019	2" ALUMINUM CAP	"OTAK INC"	"AERO BUSINESS CENTER"	ON NORTH LINE
1020	2" ALUMINUM CAP	"OTAK INC"	"AERO BUSINESS CENTER"	ON NORTH LINE
1021	5/8" I.R. W/YPC	"OTAK INC"	"AERO BUSINESS CENTER"	ON NORTH LINE

34. MICHAEL D. SPELTS, HEREBY CERTIFY THAT I HAVE CORRECTLY SURVEYED AND MARKED WITH PROPER MONUMENTS THE LANDS REPRESENTED ON THE ANNEXED PARTITION PLAT. SECTION 12 IN THE SOUTHEAST QUARTER OF SECTION 1, AND IN THE NORTHEAST QUARTER OF SECTION 12, TOWNSHIP 3 NORTH, RANGE 2 WEST, AND IN THE NORTHWEST QUARTER OF SECTION 12, IN THE CITY OF SCAPPOOSE, CLATSOP COUNTY, OREGON, THAT THE WEST LINE OF THE LANDS REPRESENTED ON THE ANNEXED PARTITION PLAT, BEGINNING AT THE WEST LINE OF WEST, WILLAMETTE MERIDIAN, IN THE CITY OF SCAPPOOSE, CLATSOP COUNTY, OREGON, THAT AT THE INITIAL POINT OF SAID SURVEY I FOUND A 5/8" INCH IRON ROD WITH YELLOW PLASTIC CAP MARKED "LS 847", SAID INITIAL POINT BEING THE SOUTHEAST CORNER OF "AERO BUSINESS CENTER", COLUMBIA COUNTY PLAT BOOK 7, PAGE 5; THENCE ALONG THE WEST LINE OF SCAPPOOSE INDUSTRIAL AIRPORT, SOUTH 09°42'27" EAST, A DISTANCE OF 492.79 FEET TO THE WEST LINE OF THE COMMON LINE OF SAID AIRPORT, SOUTH 09°42'27" EAST, A DISTANCE OF 492.79 FEET TO THE COMMON LINE OF SAID AIRPORT, NORTH 80°20'03" EAST, A DISTANCE OF 70.22 FEET TO THE COMMON LINE OF PARCELS 1 AND 2 OF PARTITION PLAT 2009-18; THENCE ALONG SAID COMMON LINE, SOUTH 25°39'55" WEST, A DISTANCE OF 1180.89 FEET TO THE NORTH RIGHT OF WAY OF OLD CROWN ZELLERBACH ROAD A DISTANCE OF 50.00 FEET FROM, MEASURED AT RIGHT ANGLES TO THE CENTERLINE THEREOF; THENCE NORTH 67°28'57" WEST, A DISTANCE OF 100.00 FEET TO THE WEST LINE OF THE COMMON LINE OF SAID AIRPORT, NORTH 80°20'03" EAST, A DISTANCE OF 70.22 FEET TO THE COMMON LINE OF PARCELS 1 AND 2 OF PARTITION PLAT 2009-18; THENCE ALONG SAID EAST LINE AND THE EAST LINE OF THAT TRACT OF LAND DESCRIBED IN DEED DOCUMENT NO. 2005-015049, COLUMBIA COUNTY DEED RECORDS, NORTH 07°47'15" EAST, A DISTANCE OF 323.81 FEET TO THE NORTHEAST CORNER OF SAID TRACT OF LAND; THENCE ALONG THE NORTH LINE OF SAID TRACT OF LAND, NORTH 07°47'15" EAST, A DISTANCE OF 100.00 FEET TO THE EAST RIGHT OF WAY LINE OF WEST LANE ROAD, WEST, A DISTANCE OF 410.13 FEET TO THE EAST CORNER OF SAID TRACT OF LAND; THENCE ALONG SAID EAST RIGHT OF WAY LINE, MEASURED AT RIGHT ANGLES TO, THE CENTERLINE THEREOF; THENCE ALONG SAID EAST RIGHT

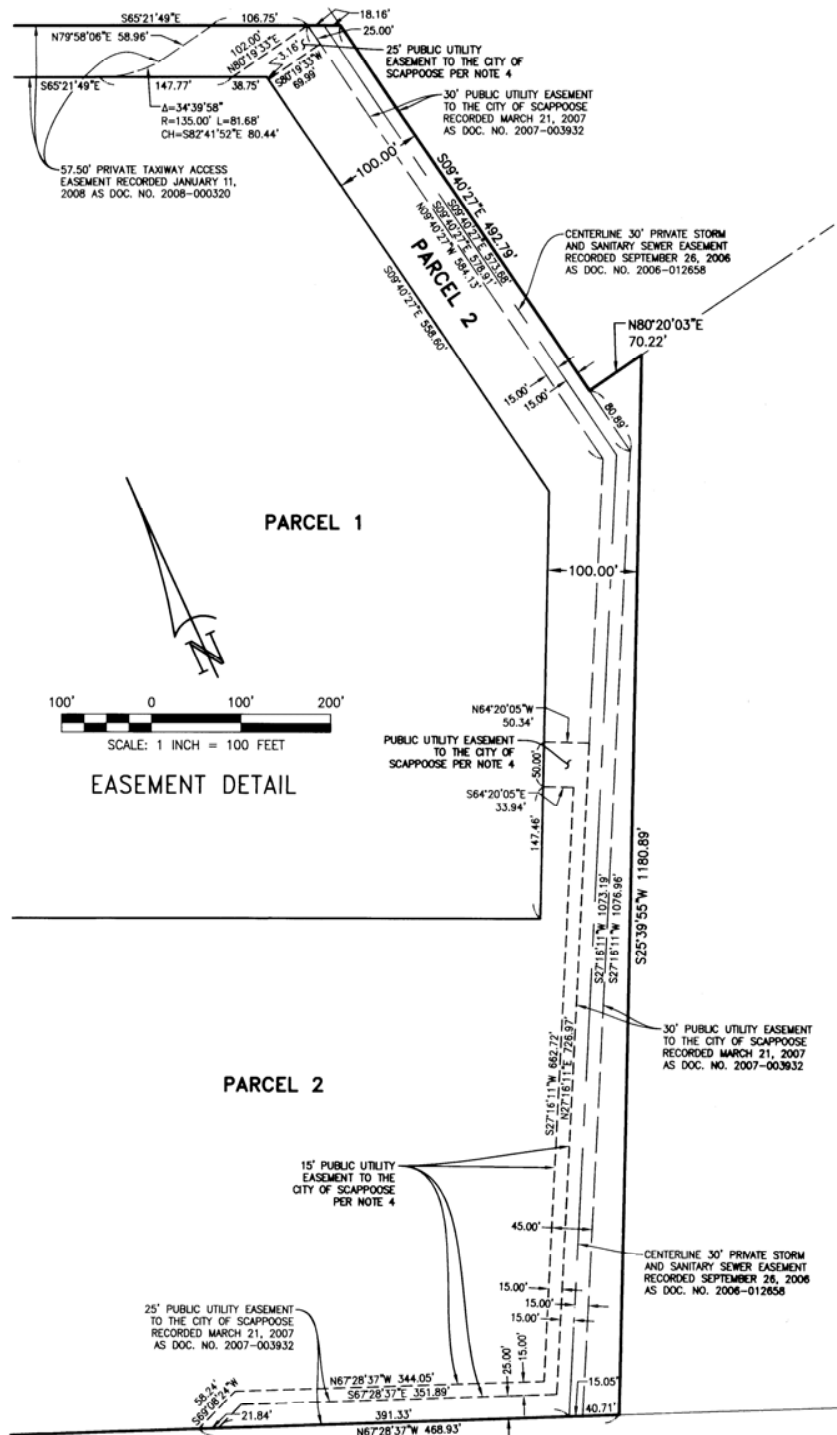
REGISTERED
PROFESSIONAL
LAND SURVEYOR

Michael D. Spelts

OREGON
NOVEMBER 12, 2013
MICHAEL D. SPELTS
87475PLS

RENEWS: 06-30-2016

SHEET 2 OF 3



PARTITION PLAT NO. 2016-005

A REPLAT OF PARCEL 1 OF PARTITION PLAT NO. 2009-18
 LOCATED IN THE SE 1/4 OF SECTION 1 AND IN THE NE 1/4
 OF SECTION 12, T.3N, R.2W AND IN THE NW 1/4 OF SECTION
 7 AND IN THE SW 1/4 OF SECTION 6, T.3N, R.1W, W.M.,
 CITY OF SCAPPOOSE, COLUMBIA COUNTY, OREGON
 SURVEYED MAY 11, 2016

DECLARATION

KNOW ALL PERSONS BY THESE PRESENTS THAT AIRPARK DEVELOPMENT LLC, AN OREGON LIMITED LIABILITY COMPANY, DOES HEREBY MAKE, ESTABLISH AND DECLARE THE ANNEXED PARTITION PLAT AS DESCRIBED IN THE ACCOMPANYING SURVEYOR'S CERTIFICATE TO BE A TRUE AND CORRECT MAP AND PLAT THEREOF, AND HAS CAUSED THE PARTITION TO BE PREPARED AND THE PROPERTY PARTITIONED IN ACCORDANCE WITH THE PROVISIONS OF O.R.S. CHAPTER 92, AND DOES HEREBY GRANT THE PORTION OF WEST LANE ROAD AND THE PUBLIC UTILITY EASEMENTS TO THE CITY OF SCAPPOOSE AND DOES HEREBY GRANT ALL EASEMENTS AS SHOWN AND NOTED HEREON.

AIRPARK DEVELOPMENT, LLC,
 AN OREGON LIMITED LIABILITY COMPANY
 BY: WESTON INVESTMENT CO. LLC,
 AN OREGON LIMITED LIABILITY COMPANY, MANAGER
 BY: WESTON TRUST CORP., AN OREGON CORPORATION, MANAGER

BY: Joseph E. Weston
 JOSEPH E. WESTON, PRESIDENT

ACKNOWLEDGMENT

STATE OF OREGON

COUNTY OF Multnomah

THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME ON

May 23, 2016
 BY JOSEPH E. WESTON AS PRESIDENT OF WESTON TRUST CORP., AN OREGON CORPORATION, ON BEHALF OF SAID COMPANY.

Trace Massey
 NOTARY SIGNATURE

Trace Massey
 NOTARY PUBLIC - OREGON

COMMISSION NUMBER 948387MY COMMISSION EXPIRES 3/10/20**CONSENT AFFIDAVITS**

A PARTITION PLAT CONSENT AFFIDAVIT FROM PACIFIC CONTINENTAL BANK, TRUST DEED BENEFICIARY UNDER DEED OF TRUST DOCUMENT NO. 2009-008254, COLUMBIA COUNTY DEED RECORDS, HAS BEEN EXECUTED AND RECORDED AS DOCUMENT NO. 2016-04240, COLUMBIA COUNTY DEED RECORDS.

A PARTITION PLAT CONSENT AFFIDAVIT FROM WESTON INVESTMENT LLC, TRUST DEED BENEFICIARY UNDER DEED OF TRUST DOCUMENT NO. 2007-004748, COLUMBIA COUNTY DEED RECORDS, HAS BEEN EXECUTED AND RECORDED AS DOCUMENT NO. 2016-04239, COLUMBIA COUNTY DEED RECORDS.

CITY OF SCAPPOOSE APPROVALS

NOTICE OF DECISION NO. MIP1-16

APPROVED THIS 24th DAY OF May, 2016
 BY: Michael J. Smith
 CITY OF SCAPPOOSE - CITY MANAGER

APPROVED THIS 24th DAY OF May, 2016
 BY: C. J. Smith
 CITY OF SCAPPOOSE - CITY ENGINEER

APPROVED THIS 24th DAY OF May, 2016
 BY: Jessie Oliver
 CITY OF SCAPPOOSE - CITY PLANNER

NOTES

1. THIS PLAT IS SUBJECT TO THE CONDITIONS IMPOSED BY CITY OF SCAPPOOSE FOR NOTICE OF DECISION NO. MIP1-16.
2. THE CITY OF SCAPPOOSE MAY REQUIRE THE DEDICATION OF ADDITIONAL RIGHT OF WAY ALONG WEST LANE ROAD AND/OR OLD CROWN ZELLERBACH ROAD WHEN PARCELS ARE DEVELOPED.
3. THERE ARE NO GEODETIC CONTROL MONUMENTS WITHIN ONE-HALF MILE OF THE SUBJECT PROPERTY, HOWEVER COORDINATES FOR FOUND MONUMENT(149) ARE PUBLISHED ON CS 5614. SAID COORDINATES ARE IN A LOCAL DATUM PLANE SYSTEM WHICH ARE CONVERTED TO THE OREGON COORDINATE SYSTEM - NORTH ZONE, NAD 83 (CORS96) EPOCH 2002 USING THE COMBINED SCALE FACTOR PROVIDED AS FOLLOWS: N=772526.60, E=7597250.21
4. PARCELS 1 AND 2 ARE SUBJECT TO PUBLIC UTILITY EASEMENTS TO THE CITY OF SCAPPOOSE AS SHOWN HEREON.
5. PARCELS 1 AND 2 ARE SUBJECT TO A 3.00 FOOT PUBLIC RIGHT OF WAY DEDICATION TO THE CITY OF SCAPPOOSE AS SHOWN HEREON.
6. THIS PLAT IS SUBJECT TO A RIGHT OF WAY EASEMENT TO PORTLAND GENERAL ELECTRIC RECORDED JULY 6, 1955 IN BOOK 126, PAGE 146. NOT PLOTTABLE, EXACT LOCATION NOT DISCLOSED IN THE DOCUMENT.
7. THIS PLAT IS SUBJECT TO A WAIVER OF REMONSTRANCE AND CONSENT TO LOCAL IMPROVEMENT DISTRICT FOR FARM/FOREST PRACTICES RECORDED JULY 7, 1999 AS DOCUMENT NO. 99-09604.

STATE OF OREGON

COUNTY OF COLUMBIA

I DO HEREBY CERTIFY THAT THIS PARTITION PLAT WAS

RECEIVED FOR RECORDING ON THE 26th DAY
 OF May, 2016 AT 2:04 O'CLOCK PM
 INSTRUMENT NO. 2016-4238, AND RECORDED AS
 PARTITION PLAT NO. 2016-005, COLUMBIA COUNTY RECORDS.

COLUMBIA COUNTY CLERK

BY: Debbie Klug
 DEPUTY

COLUMBIA COUNTY APPROVALS

APPROVED THIS 24 DAY OF May, 2016
 COLUMBIA COUNTY SURVEYOR,

BY: Pat A. Wadsworth

ALL TAXES, FEES, ASSESSMENTS, OR OTHER CHARGES AS
 PROVIDED FOR BY O.R.S. 92.095 HAVE BEEN PAID AS OF
May 24, 2016
 COLUMBIA COUNTY TAX COLLECTOR

BY: [Signature]
 DEPUTY

APPROVED THIS 15th DAY OF May, 2016

BY: Not present

BY: [Signature]

BY: [Signature]
 COLUMBIA COUNTY BOARD OF COMMISSIONERS



Hammi Global Partner
 808 SW 3rd Ave., Ste. 300
 Portland, OR 97204
 Phone: (503) 287-6825
 Fax: (503) 415-2304
 www.otak.com
 project: 17943

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR

Michael D. Spelts

OREGON
 NOVEMBER 12, 2013
 MICHAEL D. SPELTS
 87475PLS

RENEWS: 06-30-2016