

Joel Plahn assisted 503-9860349



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

Application for a Permit to Store Water in a Reservoir

(Standard Review)

Standard Review Process (ORS 537): You must use this form for any reservoir storing more than 9.2 acre-feet and with a dam more than 10 feet high.

Use a separate form for each reservoir. However, to obtain authorization for multiple reservoirs, multiple forms may be combined into one application if filed at the same time.

Please type or print in dark ink. If your application is found to be incomplete or inaccurate, we will return it to you. A summary of review criteria and procedures that are generally applicable to these applications is available at www.wrd.state.or.us/OWRD/PUBS/forms.shtml

1. APPLICANT INFORMATION:

Applicant: Jessie Buhler
First Last

Mailing Address: 4980 Enterprise Rd
Dallas OR 97338
City State Zip

Phone: 503-623-0844
Home Work Other

*Fax: _____ *Email Address: _____

I (We) make application for a permit to construct a reservoir and store the following described waters of the State of Oregon. The name of the reservoir is Buhler Reservoir

2. SOURCE OF WATER for the proposed use: Run off
a tributary of Salt Creek

Is the proposed use an enlargement of an existing dam/reservoir? Yes No

If the reservoir is not in channel of a stream, state how it is to be filled:

Rain Run off AUG 11 2010

For Department Use		
App. No. _____	Permit No. _____	Date _____

Contact Mike Buhler with Questions 503-623-2381

3. DAM HEIGHT AND COMPOSITION

The maximum height of the structure will be 17 feet above streambed or ground surface at the centerline of the crest of the dam.

Note: If your dam height is greater than or equal to 10.0' above land surface AND your reservoir will store equal to or greater than 9.2 acre-feet, engineered plans and specifications must be approved prior to storage of water.

The dam will be (check one): Earthfill Concrete Flash board Other

If "other" give description:

4. PRIMARY OUTLET WORKS

Describe the location and the dimensions of the outlet conduit through the dam:

24" in diameter

NOTE: Most dams across a natural stream channel will need an outlet conduit having a minimum diameter of 8 inches or greater.

5. EMERGENCY SPILLWAY

Describe the location and the dimensions of the spillway channel:

Around left end of DAM
Bottom width 15'
Top width 31.7'

6. THE USE(s) of the impounded water will be:

Multi Purpose Use

AUG 11 2010

7. **THE AMOUNT OF WATER** to be stored is: 14.4 acre-feet.
The area submerged by the reservoir, when filled, will be 2.9 acres.

8. PROJECT SCHEDULE (List Month and Year)

Proposed date construction will begin: _____
Proposed date construction will be completed: _____
Proposed date beneficial water use will begin: _____

Already Constructed

Is this project fully or partially funded by the American Recovery and Reinvestment Act? (Federal stimulus dollars) Yes No

9. PROPERTY OWNERSHIP

Do you own all the land where you propose to divert, transport, and use water?

Yes (Please check appropriate box below then skip to section 10)

- There are no encumbrances
- This land is encumbered by easements, rights of way, roads or other encumbrances (please provide a copy of the recorded deed(s))

No (Please check the appropriate box below)

- I have a recorded easement or written authorization permitting access.
- I do not currently have written authorization or easement permitting access.
- 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 irrigated and/or domestic use only (ORS 274.040).

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.

List the names and mailing addresses of all affected landowners*

AUG 11 2010

* Attach additional sheet(s) if necessary.

10. MAP REQUIREMENTS The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section and quarter/quarter section of the proposed reservoir location and place of use. The map must provide tax lot numbers. See the map guidelines sheet for detailed map specifications.

11. SIGNATURE

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 packet.
- I cannot legally use water until the Water Resources Department issues a permit to me.
- 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 canceled.
- 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 certify that the information I have provided in this application is an accurate representation of the proposed water use and is true and correct to the best of my knowledge:

Applicant: Jennie R. Buhler 8-09-2010
Signature (If more than one applicant, all must sign.) Date

Before you submit your application be sure to:

- Answer each question completely.
- Attach a legible map that includes township, range, section, quarter/quarter and tax lot.
- Include a Land Use Information Form or receipt stub signed by a local official.
- Include the legal description of all the property involved with this application. You may include a copy of your deed land sales contract or title insurance policy to meet this requirement.
- Include a check payable to the Oregon Water Resources Department for the appropriate amount. The Department's fee schedule can be found at www.wrd.state.or.us or call (503) 986-0900.

RECEIVED
AUG 11 2010
WATER RESOURCES DEPARTMENT
500 N. BROADWAY



Oregon Water Resources Department Land Use Information Form

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 ground water registration modification, and all of the following apply: a) only the place of use is proposed for change, b) there are no structural changes, c) the use of water is for irrigation, and d) the use is located in an irrigation district or exclusive farm-use zone.

Applicant Name: Jeanie Bucher
Mailing Address: 4980 Enterprise Rd
City: Dallas State: OR Zip: 97338 Day Phone: 503-623-0844

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), or used. 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:
<u>6 south</u>	<u>5 west</u>	<u>31</u>		<u>300</u>		<input checked="" type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used	
						<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input type="checkbox"/> Used	
						<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input type="checkbox"/> Used	
						<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input type="checkbox"/> Used	

List all counties and cities where water is proposed to be diverted, conveyed, or used. Folk

B. Description of Proposed Use

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

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

AUG 11 2010

Source of water: Reservoir/Pond Ground Water Surface Water (name) _____

Estimated quantity of water needed: 14.4 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 Multi purpose use

Briefly describe: _____

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

Receipt for Request for Land Use Information

State of Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301-1266



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1266
503-986-0900
FAX 503-986-0904

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 jurisdictions 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.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for 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.

RECEIVED
AUG 11 2010
WATER RESOURCES DEPT
SALM

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 proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): PC 2.0 136.030(b)

Land uses to be served by 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.)

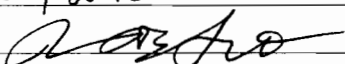
If approvals have been obtained but all appeal periods have not ended, check "Being pursued".

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:	
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> 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 subject reservoir is existing and is identified as an inventoried significant wetland. This has not been reviewed for reservoir expansion.

AUG 11 2010

Name: Jerry Sorke Title: Planning Supervisor
 Signature:  Phone: 505-623-9237 Date: 8/6/10
 Government Entity: Polk County

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: _____

AFTER RECORDING RETURN TO:

Jennie Ruth Buhler
c/o Lane P. Shetterly
Attorney at Law
P. O. Box 105
Dallas, OR 97338

RECORDED IN POLK COUNTY
LINDA DAWSON, COUNTY CLERK

2002-001458



\$31.00

00042583200200014580020021

01/30/2002 03:56:27 PM

REC-BS Cnt=1 Stn=1 CAPTAIA
\$10.00 \$10.00 \$11.00

SEND TAX STATEMENTS TO:

Jennie Ruth Buhler
4980 Enterprise Road
Dallas, OR 97338

CONSIDERATION: \$0.00

AUG 11 2010

BARGAIN AND SALE DEED

Jennie Ruth Buhler, also known as Ruth Buhler, and Maribeth Steward, grantors, convey to Jennie Ruth Buhler and Maribeth Steward, grantees, not as tenants in common, but jointly with right of survivorship, the following described real property, to wit:

Parcel I:

Beginning at an iron pin 1 1/2 inches square on the North boundary of the James B. Riggs and wife Donation Land Claim, Not. No. 1907, Claim No. 75 in Township 6 South, Range 5 West of the Willamette Meridian, Polk County, Oregon, said beginning point and pipe is 35.43 chains West of the Northeast corner of said Riggs Donation Land Claim; thence South 33.38 chains; thence North 89°45' West 37.03 chains; thence North 27°20' East 37.69 chains to an iron pipe in the North boundary line of the Riggs D.L.C.; thence East 19.73 chains to the place of beginning.

SAVE AND EXCEPT that portion conveyed to Gordon J. Buhler and J. Ruth Buhler by deed recorded June 5, 1978, in Book 128, Page 469, Book of Records, Polk County, Oregon. ALSO, SAVE AND EXCEPT that portion conveyed to Gordon J. Buhler by deed recorded April 6, 1978, in Book 123, Page 941, Book of Records, Polk County, Oregon. ALSO SAVE AND EXCEPT that portion conveyed to J. Ruth Buhler by deed recorded June 5, 1978, in Book 128, Page 468, Book of Records, Polk County, Oregon. (Tax Lot 300).

Parcel II:

Beginning at a railroad spike in the center of County Road M-3 which is 2353.07 feet South 89°48'56" West of the Northeast corner James B. Riggs Donation Land Claim No. 75 in Township 6 South, Range 5 West, Willamette Meridian, Polk County, Oregon, running thence South 0°41'29" East 790.60 feet to an iron rod; thence North 83°11'24" West 1625.71 feet to a railroad spike in the center of County Road M-3, thence North 27°00'15" East 666.29 feet to an iron rod in an 1 1/2" iron pipe which is 3655.24 feet South 89°48'56" West of the Northeast corner of D.L.C. No. 75, thence North 89°48'56" East 1302.17 feet to the point of beginning. (Tax Lot 301).

This instrument will not allow use of the property described in this instrument in violation of applicable land use laws and regulations. Before signing or accepting this instrument, the person acquiring fee title to the property should check with the appropriate city or county planning department to verify approved uses and to determine any limits on lawsuits against farming or forest practices as defined in ORS 30.930.

There is no consideration for this conveyance.

AUG 11 2010

DATED this 22nd day of January, 2002.

Jennie Ruth Buhler

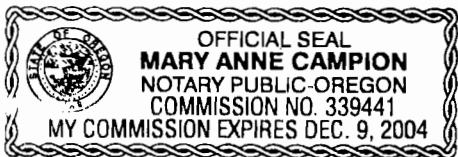
Jennie Ruth Buhler, also known as Ruth Buhler

Maribeth Steward

Maribeth Steward

STATE OF OREGON,)
) ss.
County of Polk.)

The foregoing instrument was acknowledged before me this 22nd day of January, 2002, by Jennie Ruth Buhler, also known as Ruth Buhler.



Mary Anne Campion

NOTARY PUBLIC FOR OREGON

My Commission Expires: 12/09/04

STATE OF OREGON,)
) ss.
County of Polk.)

The foregoing instrument was acknowledged before me this 29th day of January, 2002, by Maribeth Steward.

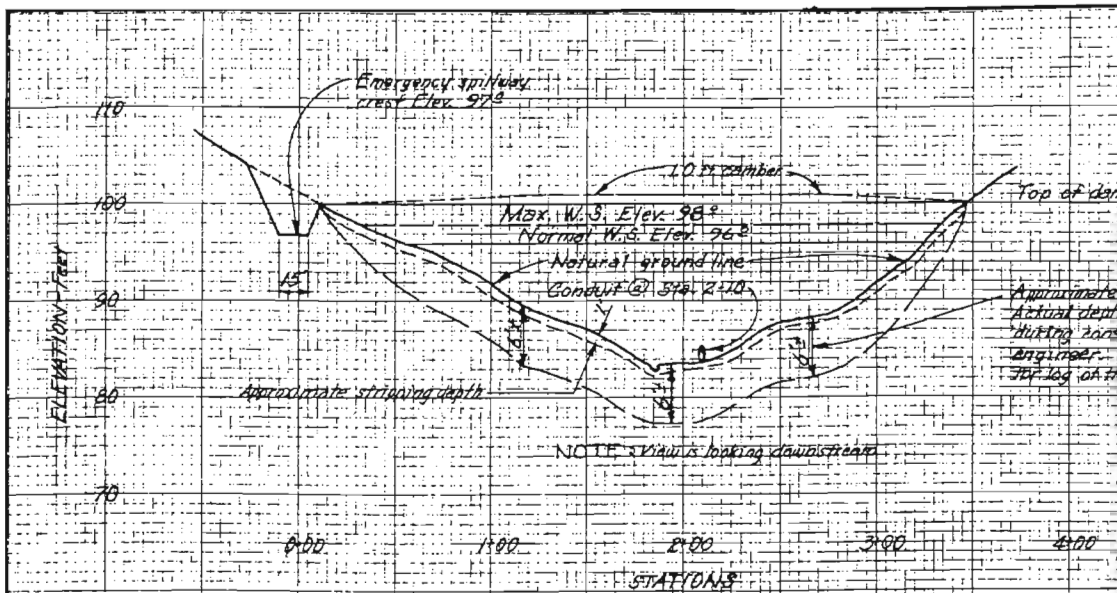
Jennifer Wittcke

NOTARY PUBLIC FOR OREGON

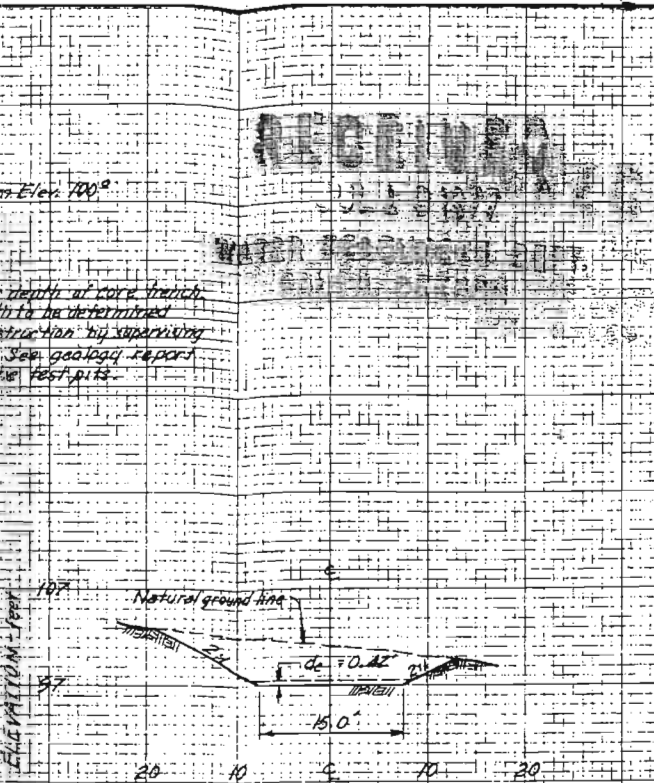
My Commission Expires: Oct 2, 2005

H:\L\Buhler\Deed\JBMS

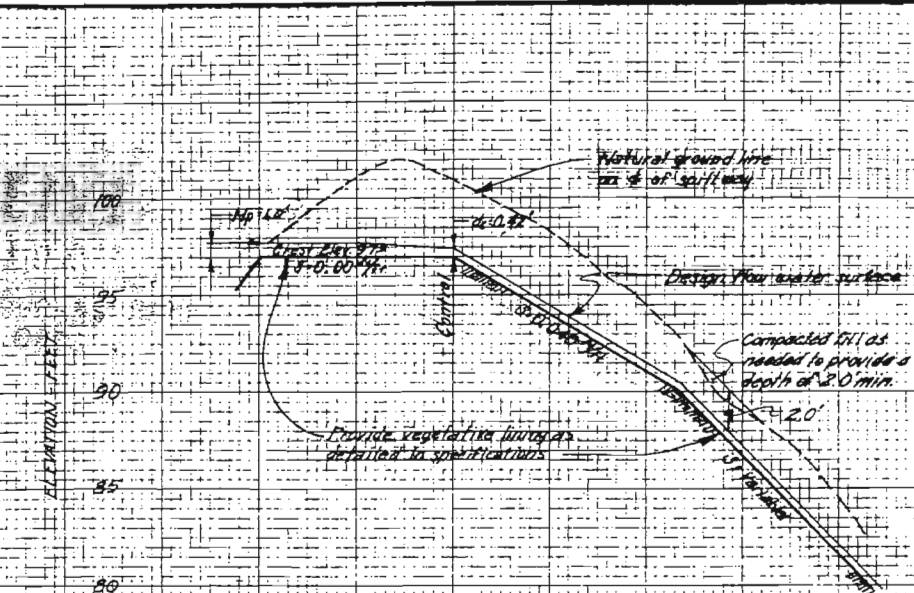




PROFILE ON AXIS OF DAM



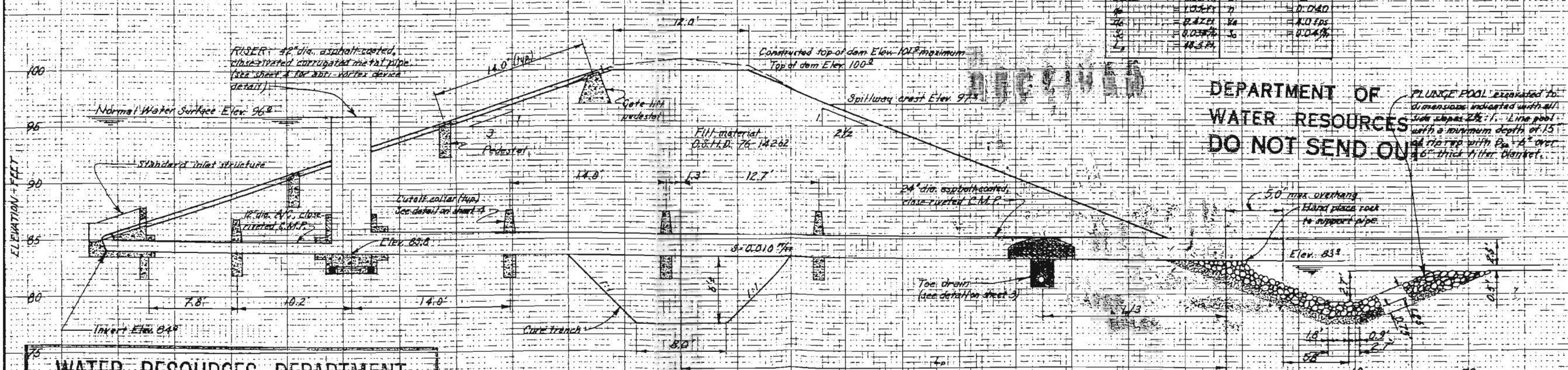
SPILLWAY SECTION @ CONTROL



SPILLWAY PROFILE

SPILLWAY DATA

Overbank	65 cfs	V ₂	3.7 fps
Spillway	40 cfs	V ₂	1.0 ft
Spillway	25 cfs	V ₂	15.0 ft
Spillway	0.65 fps	V ₂	2
V ₂	1.25 fps	V ₂	0.040
V ₂	0.22 fps	V ₂	1.0 fps
V ₂	0.23 fps	V ₂	0.04 fps
V ₂	11.5 fps	V ₂	



CROSS SECTION THRU FILL & OUTLET CONDUIT

WATER RESOURCES DEPARTMENT
 APPROVED: August 23 1977
Chas. A. White
 DIRECTOR
A.M. Dolobek
 ENGINEER - DAM SAFETY DIVISION

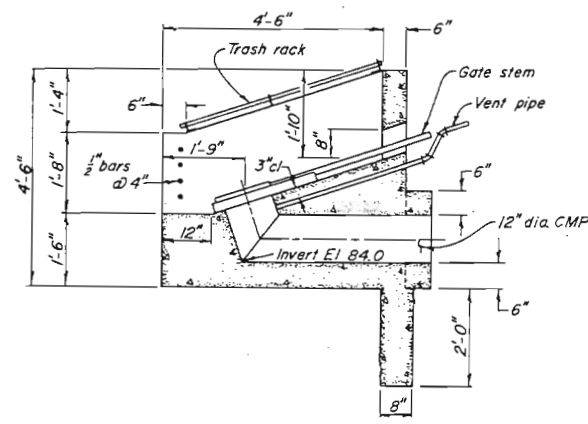
Application No. 56033
 Permit No. 2

PROFILE & CROSS SECTIONS
 GORDON BUHLER DAM
 POLK S.W.C.D.
 POLK COUNTY, OREGON
 U. S. DEPARTMENT OF AGRICULTURE
 SOIL CONSERVATION SERVICE
 Date: 4-77
 Approved by: *Thomas D. White*
 Title: Area Engineer
 Drawn: *Paul H. Dand*
 Date: 4-77
 Title: State Conservation Engineer
 Sheet: 2 of 5
 Drawing No.: 7-EN-23823

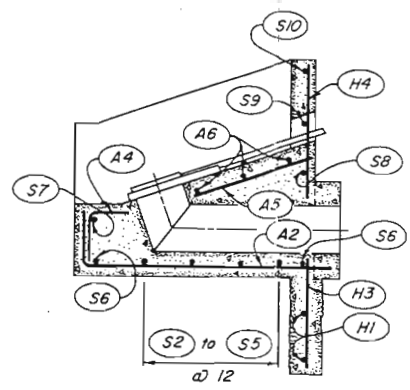
RECEIVED
 AUG 11 2010
 WATER RESOURCES DEPT
 SALEM OREGON

7-EN-23823

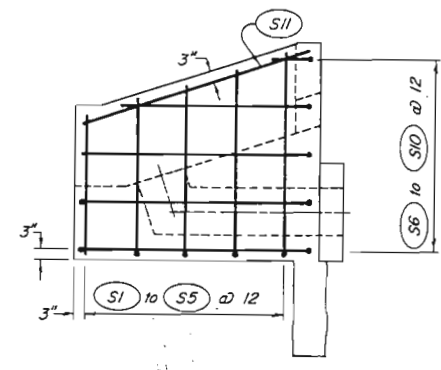
RECEIVED



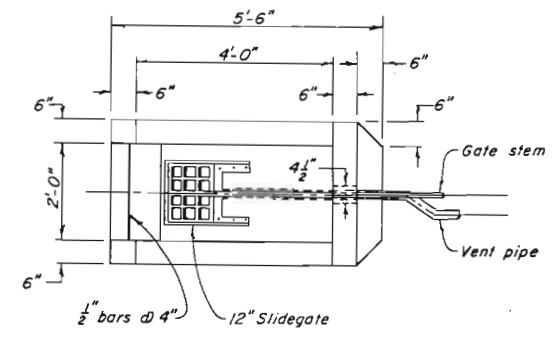
SECTIONAL ELEVATION



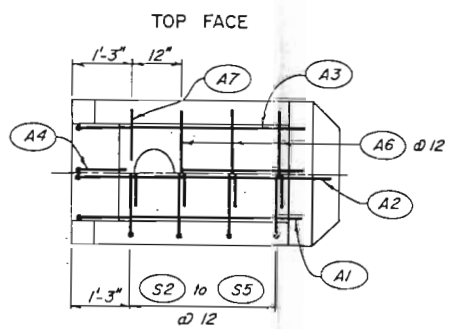
SECTIONAL ELEVATION



SIDEWALL ELEVATION

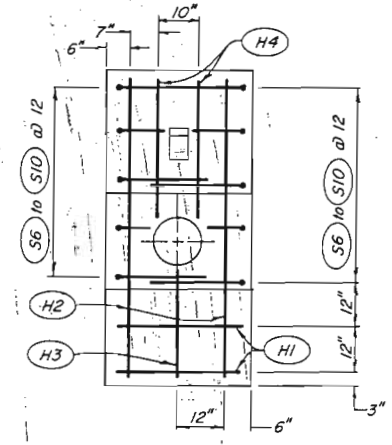


PLAN



TOP FACE

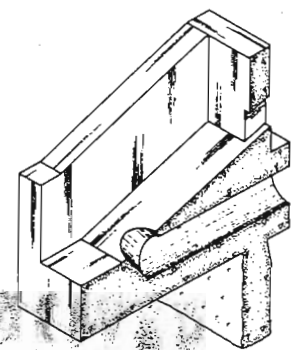
BOTTOM FACE



HEADWALL ELEVATION

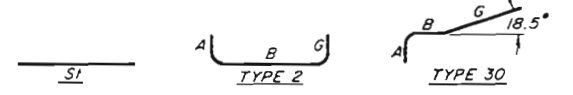


DEPARTMENT OF
WATER RESOURCES
DO NOT SEND OUT



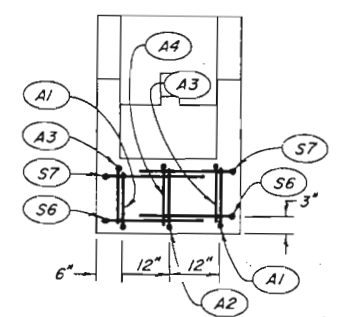
HALF ISOMETRIC

STEEL SCHEDULE									
Location	Mark	Size	Quan.	Length	Type	A	B	G	Total Length
Apron	A1	4	2	5'-6"	2	1'-0"	4'-6"		11'-0"
"	A2	4	1	6'-0"	2	1'-0"	5'-0"		6'-0"
"	A3	4	2	6'-9"	30	1'-0"	9"	4'-0"	11'-6"
"	A4	4	1	1'-9"	2	1'-0"	9"		1'-9"
"	A5	4	1	2'-6"	S1				2'-6"
"	A6	4	3	2'-6"	S1				7'-6"
"	A7	4	4	9"	S1				3'-0"
Sidewall	S1	4	2	2'-9"	S1				5'-6"
"	S2	4	2	4'-9"	2	1'-8"	3'-1"		9'-6"
"	S3	4	2	5'-3"	2	1'-10"	3'-5"		10'-6"
"	S4	4	2	5'-6"	2	1'-9"	3'-9"		11'-0"
"	S5	4	2	5'-9"	2	1'-8"	4'-1"		11'-6"
"	S6	4	2	8'-0"	2	1'-9"	4'-6"	1'-9"	16'-0"
"	S7	4	2	6'-9"	2	1'-9"	4'-6"	6"	13'-0"
"	S8	4	2	6'-3"	2	1'-9"	4'-6"		12'-6"
"	S9	4	2	4'-9"	2	1'-0"	3'-9"		9'-6"
"	S10	4	1	4'-0"	2	1'-10"	2'-2"		4'-0"
"	S11	4	2	4'-9"	S1				9'-6"
Headwall	H1	4	2	2'-6"	S1				7'-6"
"	H2	4	2	6'-0"	S1				12'-0"
"	H3	4	1	2'-0"	S1				2'-0"
"	H4	4	2	2'-6"	S1				5'-0"



BAR BENDS

TABLE OF QUANTITIES	
Concrete	1.57 Cu. Yds. (Class 3000)
Reinforcing Steel	122 Lbs.
Total Bar Length	182'-0" (No. 4 bars)



UPSTREAM ELEVATION

WATER RESOURCES DEPARTMENT
 APPROVED: August 23 1977
 [Signature] DIRECTOR
 [Signature] ENGINEER DAM SAFETY DIVISION

Application No. 56235
 Permit No.

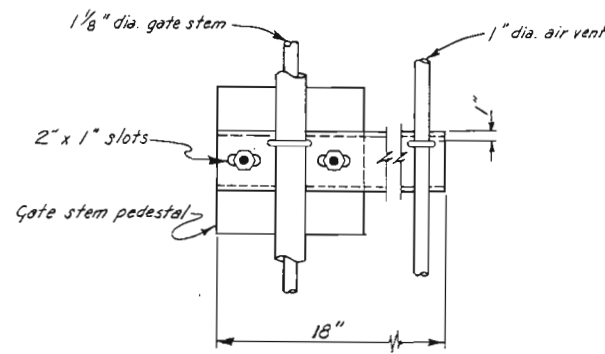
RECEIVED
 JUL 19 1977
 WATER RESOURCES DEPT.
 SALEM, OREGON

INLET STRUCTURE 7-E-20465 SIZE C
 E & WP UNIT PORTLAND, OREGON

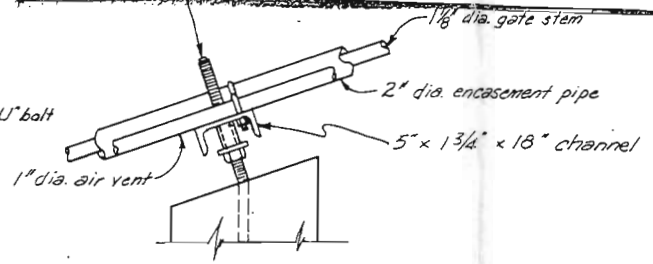
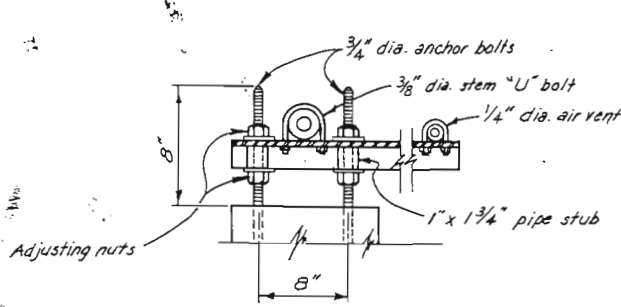
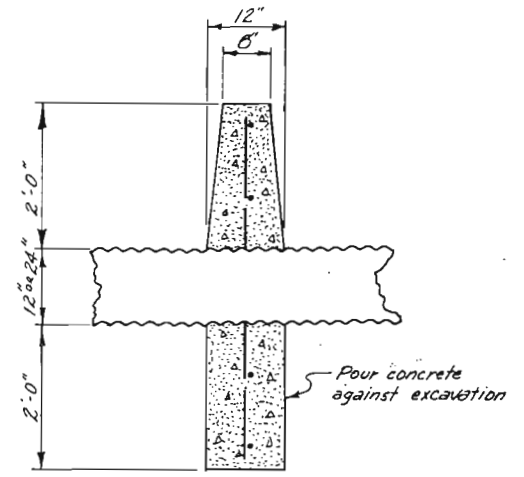
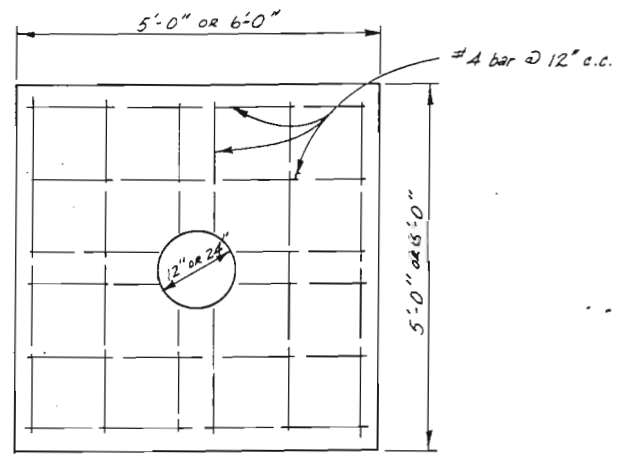
DETAILS			
GORDON BUHLER DAM			
POLK S.W.C.D.			
POLK COUNTY, OREGON			
U. S. DEPARTMENT OF AGRICULTURE			
SOIL CONSERVATION SERVICE			
Designed: BDW, DFL	Date: 4-77	Approved by: [Signature]	Title: Area Engineer
Drawn: [Signature]	Date: 4-77	Checked by: [Signature]	Title: State Conservation Eng.
Traced: _____	Sheet: No. 5	Drawing No: 7-EN-23823	
Checked: _____	of 5		

ITEM SHEET NO.	
Gate stem	4
Air vent	4
Trash rack	4

RECEIVED
 AUG 11 2010
 WATER RESOURCES DEPT
 SALEM, OREGON



WATER RESOURCES DEPARTMENT
 APPROVED: August 23 1977
Christie Wheeler
 DEPUTY DIRECTOR
A.M. Zelstra
 ENGINEER DAM SAFETY DIVISION

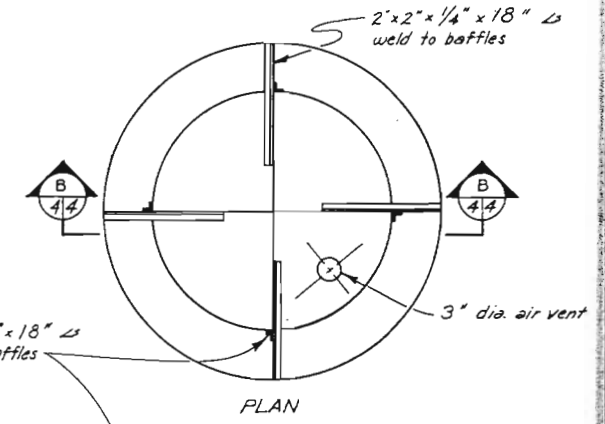
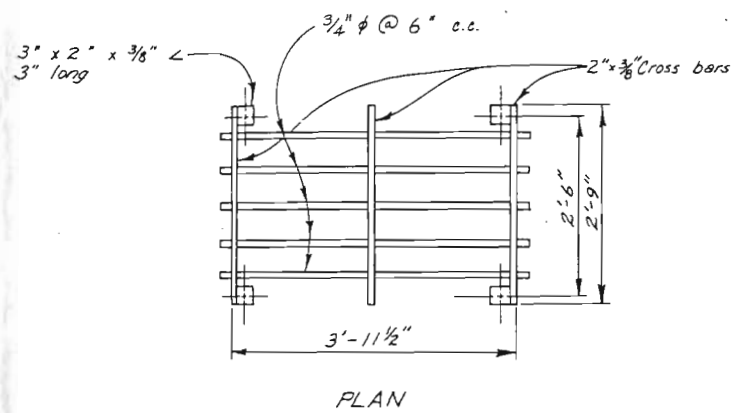
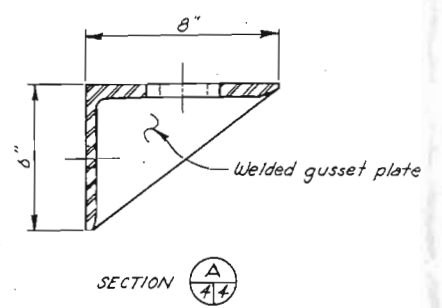
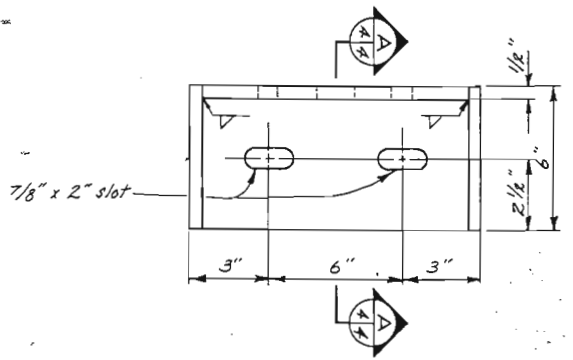


ELEVATION

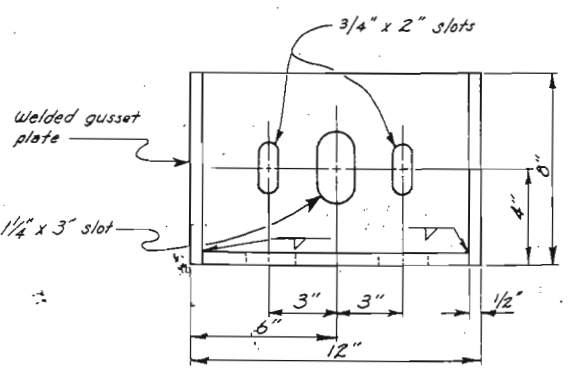
SECTION

ANTI-SEEP COLLARS
 (not to scale)

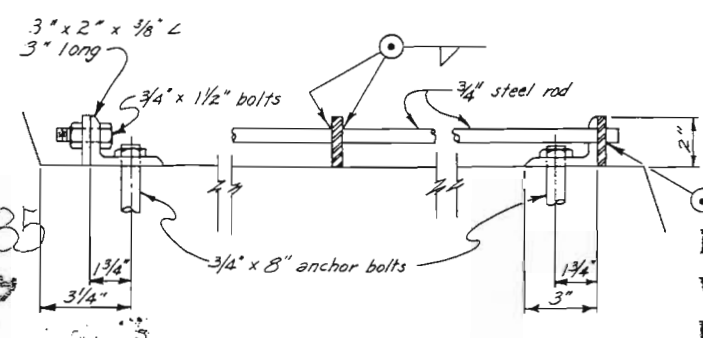
GATE STEM GUIDE
 (not to scale)



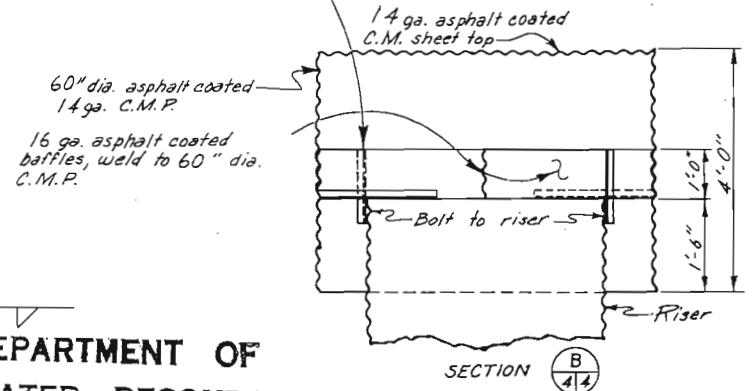
Verify bolt locations from Mfr's shop drawings.



Application No. 56235
 Permit No. 15507



DEPARTMENT OF WATER RESOURCES
 DO NOT SEND OUT



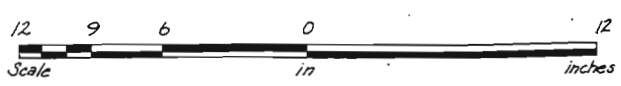
DETAIL

TRASH RACK
 (not to scale)

RECEIVED
 JUL 19 1977

RECEIVED
 AUG 11 2010
 WATER RESOURCES DEPT
 SALEM, OREGON

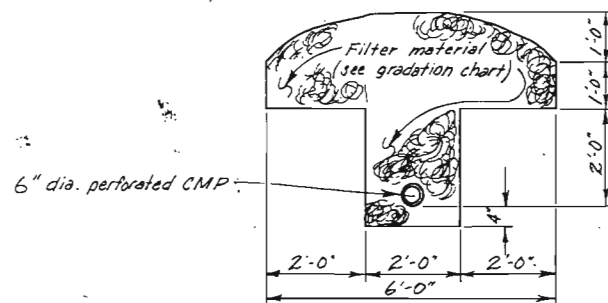
HANDWHEEL BRACKET



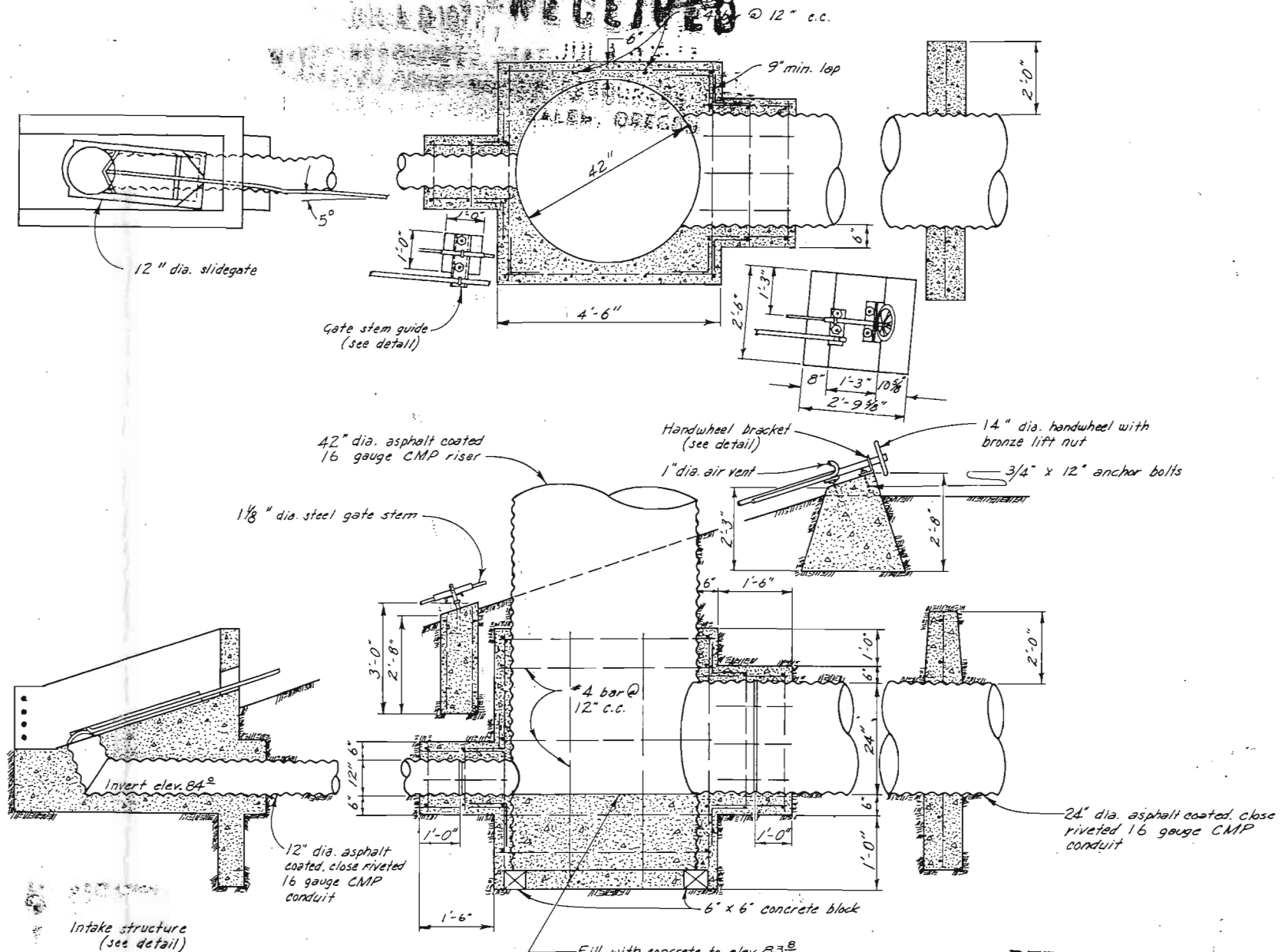
DETAILS			
GORDON BUHLER DAM POLK S.W.C.D. POLK COUNTY, OREGON			
U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE			
Designed: BDW, DFL	Date: 4-77	Approved by: <i>Christie Wheeler</i>	Title: <i>Asst. Eng.</i>
Drawn: <i>Paul H. Davis</i>	Date: 4-77	Checked by: <i>Paul H. Davis</i>	Title: <i>State Conservation Eng.</i>
Traced:	Sheet No. 4	Drawing No.	
Checked:	of 5	7-EN-23823	

SIEVE SIZE	% PASSING
3"	100
1"	83-100
#4	57-74
#10	44-61
#40	20-37
#100	4-21
#200	0-5

GRADATION CHART



TOE DRAIN DETAIL
(not to scale)



CONDUIT - RISER DETAILS
(not to scale)

**DEPARTMENT OF
WATER RESOURCES
DO NOT SEND OUT**

WATER RESOURCES DEPARTMENT
 APPROVED: August 23 1977
Chris A. Wheeler
 Deputy DIRECTOR
A.M. Folsom
 ENGINEER DAM SAFETY DIVISION

Application No. 856235
Permit No. R 5587

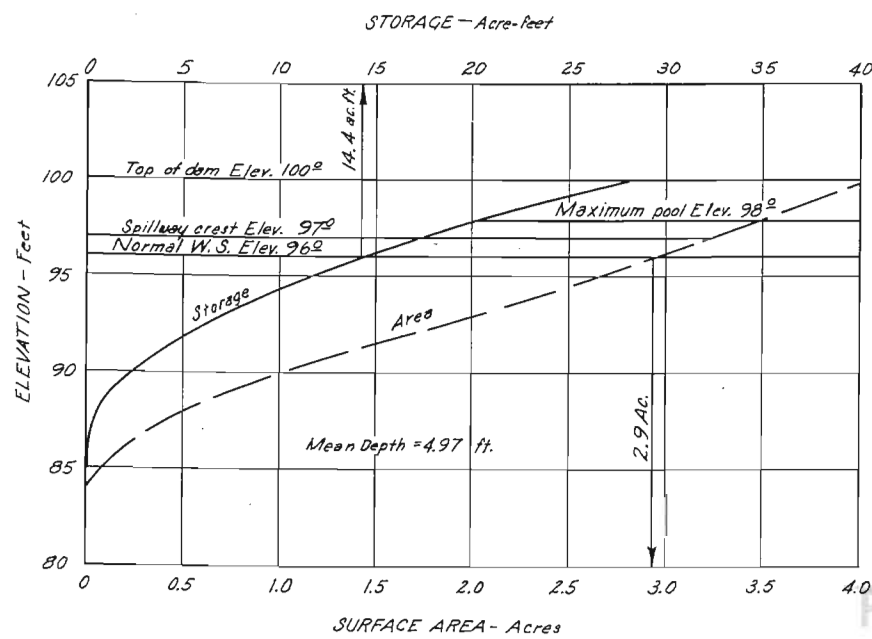
RECEIVED
 JUL 19 1977
 WATER RESOURCES DEPT.
 SALEM, OREGON

DETAILS
 GORDON BUHLER DAM
 POLK S.W.C.D.
 POLK COUNTY, OREGON

**U. S. DEPARTMENT OF AGRICULTURE
 SOIL CONSERVATION SERVICE**

Designed: BDW, DFL	Date: 4-77	Approved by: <i>N. D. Wheeler</i>	Title: Area Engineer
Drawn: <i>Paul H. Lane</i>	Date: 4-77	Checked by: <i>Ray L. Fox</i>	Title: State Conservation Engineer
Traced: _____	Sheet No: 3	Drawing No: 7-EN-23823	
Checked: _____	of 5		

RECEIVED
 AUG 11 2010
 WATER RESOURCES DEPT.
 SALEM, OREGON



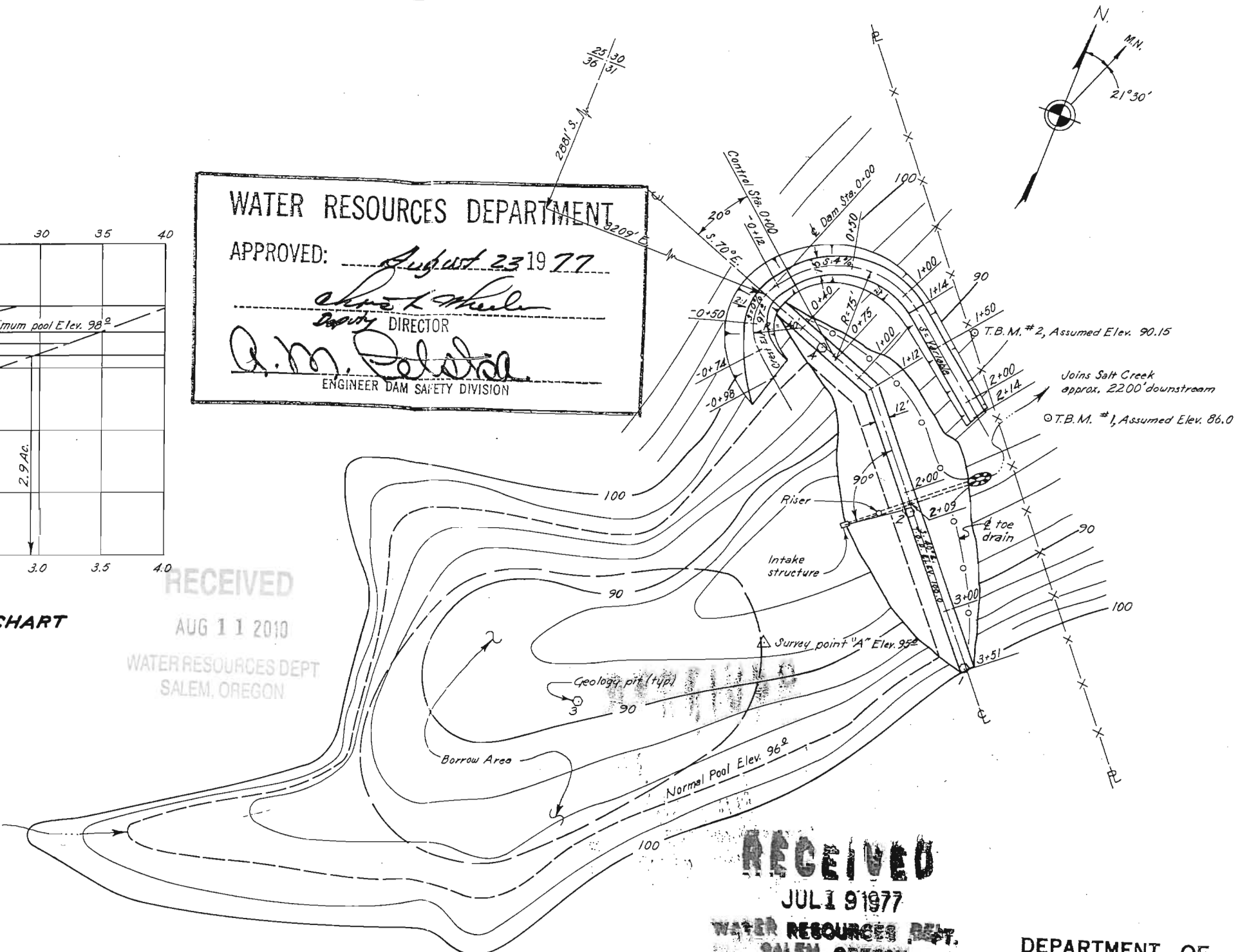
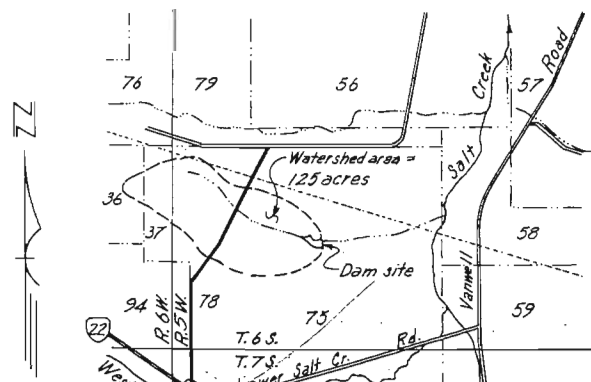
AREA - CAPACITY CHART

WATER RESOURCES DEPARTMENT
 APPROVED: August 23 1977
Albert K. Wheeler
 Deputy DIRECTOR
A.M. Salada
 ENGINEER DAM SAFETY DIVISION

RECEIVED

AUG 11 2010

WATER RESOURCES DEPT
 SALEM, OREGON



QUANTITIES

RECEIVED

JUL 9 1977

WATER RESOURCES DEPT.
 SALEM, OREGON

DEPARTMENT OF
 WATER RESOURCES