

APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

NE 1/4 SE 1/4 SEC 1 T 10S R 42E W.M.


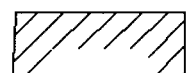
U.S.G.S. QUAD - OXMAN, OREG. - 7 1/2'

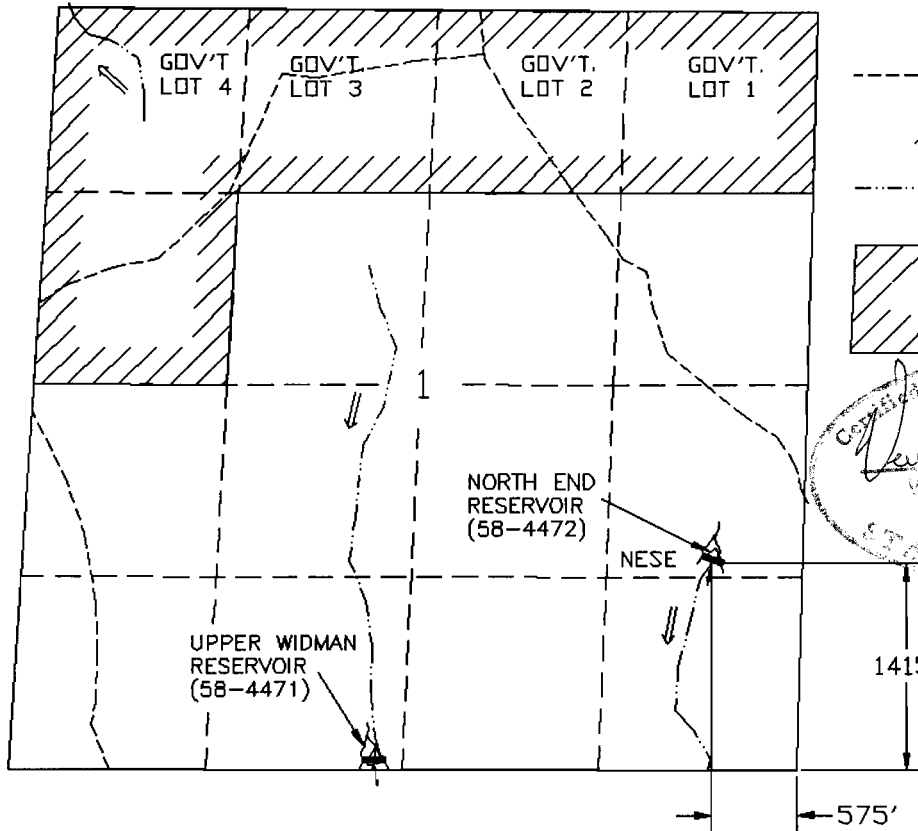
156071-102

NOV 17 1993

WATER RESOURCES DEPT.
SALEM, OREGON

LEGEND

- JEEP TRAIL
-  RESERVOIR
- CHANNEL
-  PRIVATE PROPERTY



Ken R. Fitchel
 Oregon Water Rights
 Nov 17, 1993

NORTH END (58-4472) RESERVOIR

OVERALL DIMENSIONS OF THIS SECTION ARE FROM THE ORIGINAL CADASTRAL SURVEY FIELD NOTES & THE U.S.G.S. QUAD MAPS.



SCALE 1"=1320'

THIS MAP IS FOR THE PURPOSE OF LOCATING A WATER RIGHT AND IS NOT INTENDED TO PROVIDE LEGAL DIMENSIONS FOR LOCATION OF PROPERTY BOUNDARIES.



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
DIVISION OF OPERATIONS VALE DISTRICT

NORTH END (58-4472) RESERVOIR

DESIGNED _____
 REVIEWED *Ken R. Fitchel*
 APPROVED *George W. House*
CHIEF, BRANCH OF ENGINEERING

DRAWN: CG SCALE: 1"=1320'

DATE: 06/03/93 SHEET 1 OF 1

DRAWING NO. DR-03-9172.45-282

ACAD RELEASE 11/DCA
DWG FILE: NORTHEND.DWG

Application No. R-73779
Permit No.

"CERTIFICATE NO. 63038"

NOV 17 1993

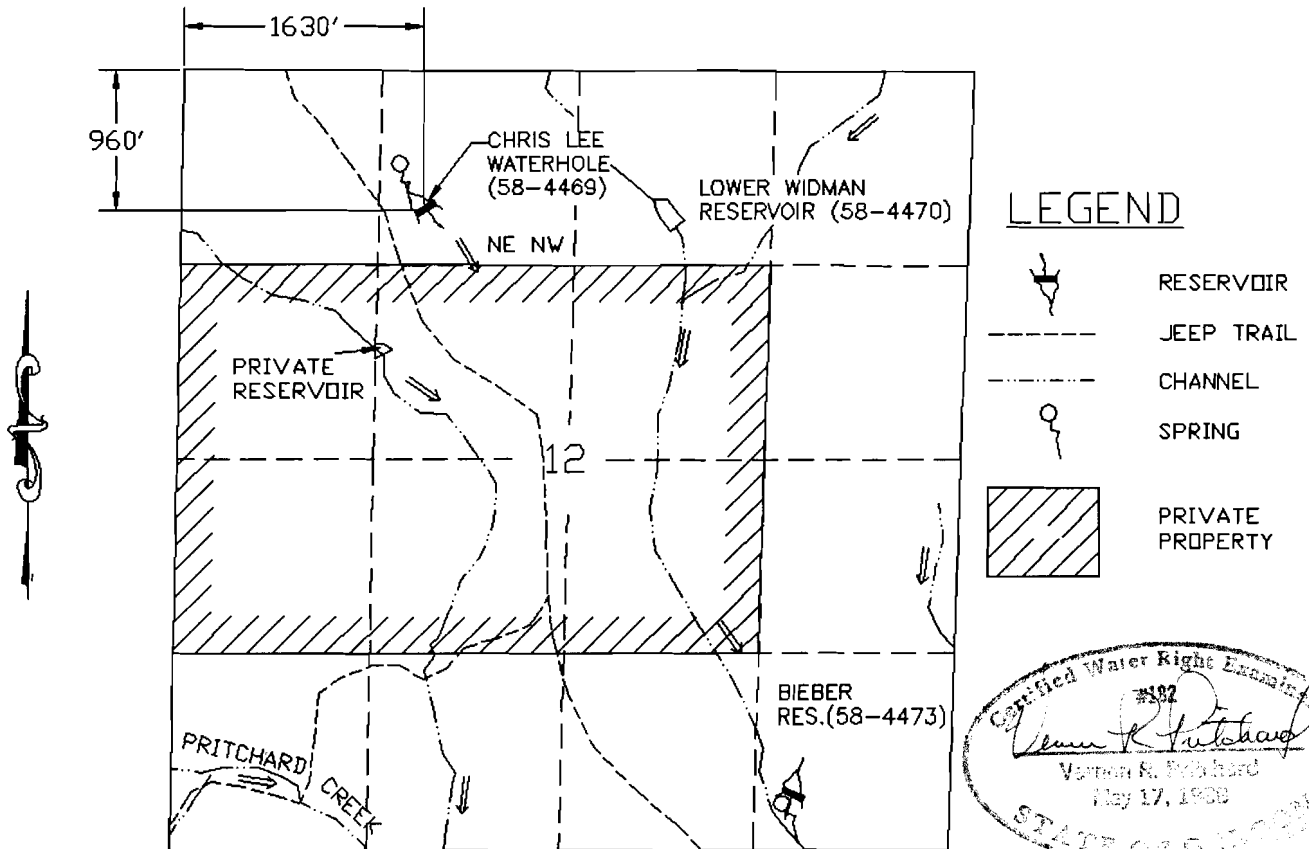
NOV 17 1993

WATER RESOURCES DEPT
SALEM, OREGON

APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

NE 1/4 NW 1/4 SEC 12 T 10S R 42E W.M.

U.S.G.S. QUAD - OXMAN, OREG. - 7 1/2'



CHRIS LEE WATERHOLE (58-4469) RESERVOIR

OVERALL DIMENSIONS OF THIS SECTION ARE FROM THE ORIGINAL CADASTRAL SURVEY FIELD NOTES.



SCALE 1"=1320'

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UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
DIVISION OF OPERATIONS VALE DISTRICT

CHRIS LEE WATERHOLE (58-4469) RESERVOIR

DESIGNED _____
 REVIEWED *Vernon R. Pritchard*
 APPROVED *Vernon R. Pritchard*
CHIEF, BRANCH OF ENGINEERING

DRAWN: CG SCALE: 1"=1320'

DATE: 06/03/93 SHEET 1 OF 1

DRAWING NO. DR-03-9172.45-273

ACAD RELEASE 11/BCA
DVG FILE:CHRISLEE.DVG

Application No. R-73779
Permit No.

CERTIFICATE NO. 62038

NOV 17 1993





WATER RESOURCES DEPT.
SALEM, OREGON

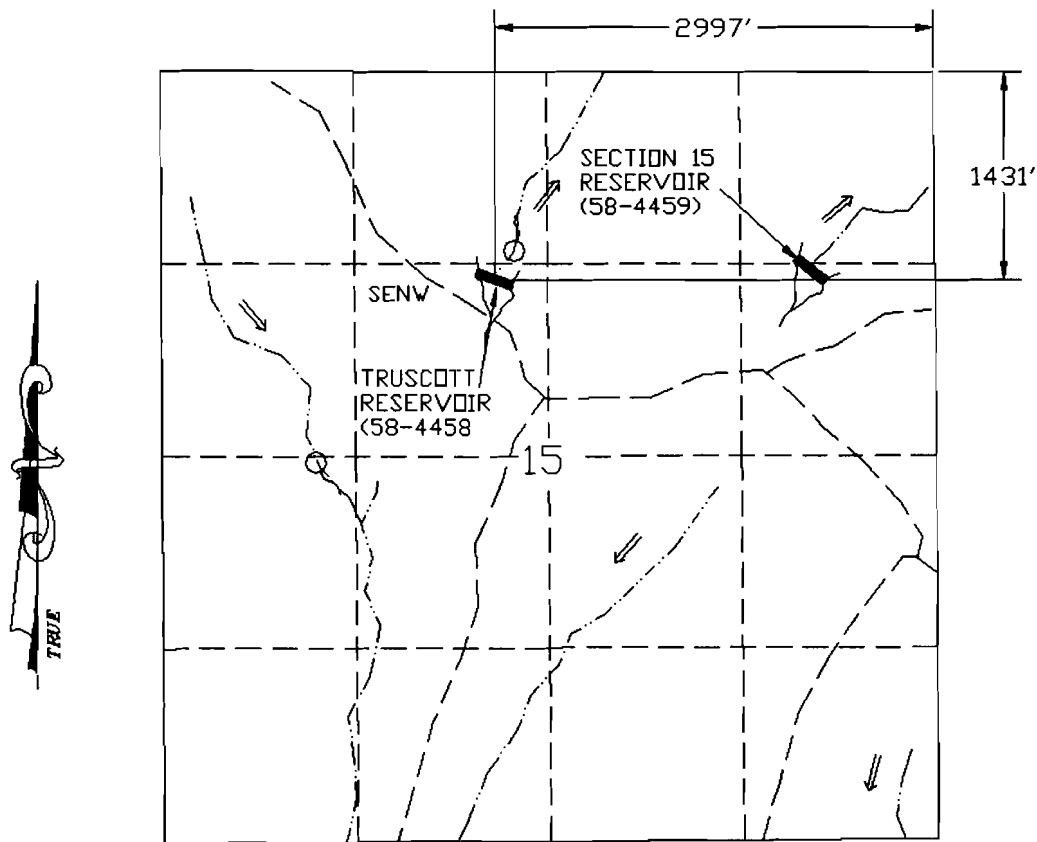
APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

SE1/4 NE1/4 SEC 15 T 10S R 42E W.M.

U.S.G.S. QUAD - OXMAN, OREG. - 7 1/2'

LEGEND

-  RESERVOIR
-  JEEP TRAIL
-  SPRINGS
-  DRAINAGE



TRUSCOTT (58-4458) RESERVOIR

Certified Water Right Engineer
#182
Vernon S. Hayward
Vernon S. Hayward
May 17, 1993
STATE OF OREGON



SCALE 1"=1320'

THIS MAP IS FOR THE PURPOSE OF LOCATING A WATER RIGHT AND IS NOT INTENDED TO PROVIDE LEGAL DIMENSIONS FOR LOCATION OF PROPERTY BOUNDARIES.



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
DIVISION OF OPERATIONS VALE DISTRICT

TRUSCOTT (58-4458) RESERVOIR

DESIGNED
REVIEWED *Vernon S. Hayward*
APPROVED *George D. Hoene*
CHIEF, BRANCH OF ENGINEERING

DRAWN: CG	SCALE: 1"=1320'
DATE: 12/09/92	SHEET 1 OF 1
DRAWING NO. OR-03-9172.45-147	

ACAD RELEASE 11/JCA
DWG FILE: TRUSCOTT.DWG

Application No. R-73779
Permit No.

62038

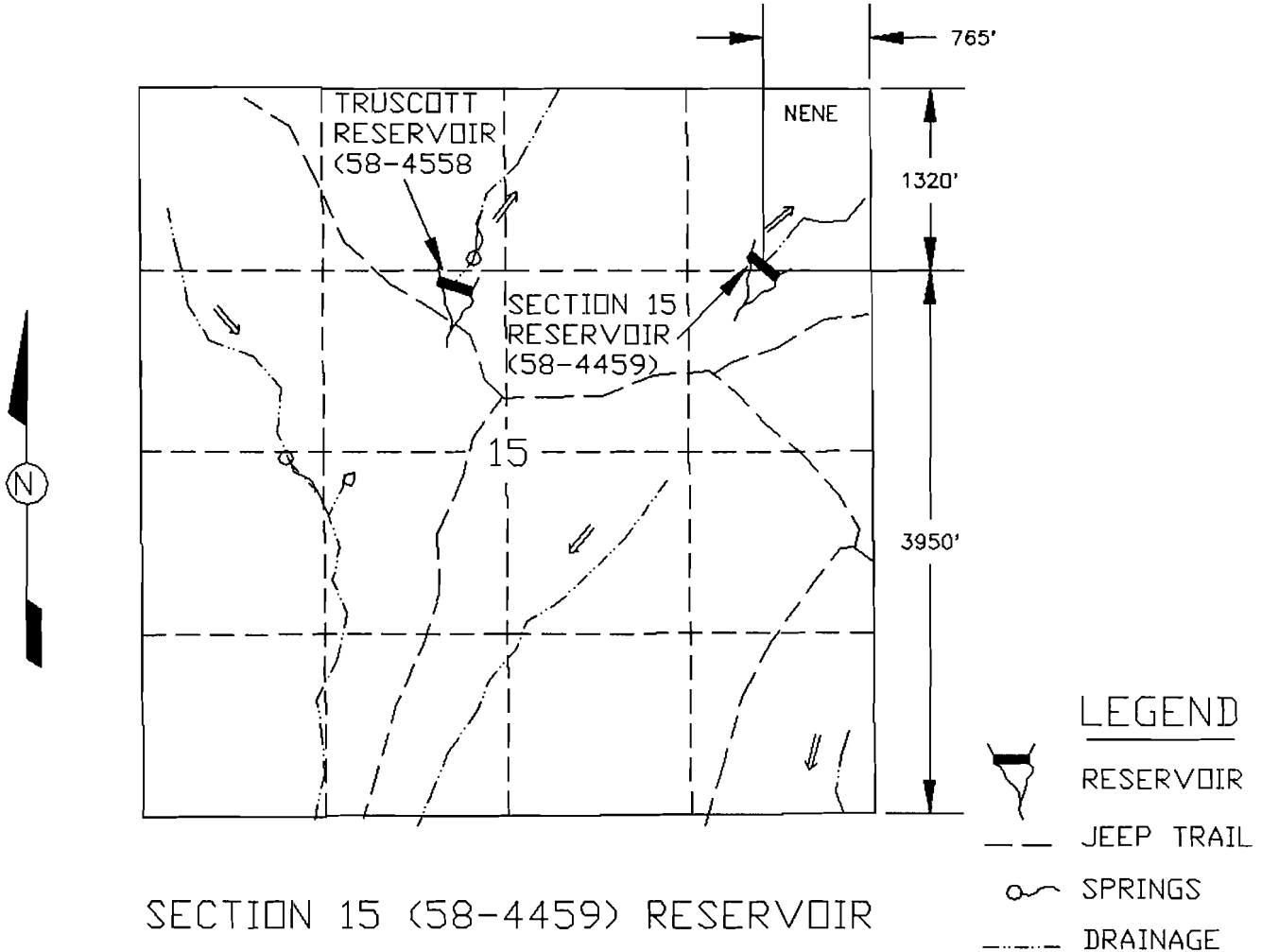
APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

NOV 17 1993

WATER RESOURCES DIVISION
SALEM, OREGON

NE 1/4 NE 1/4 SEC 15 T 10S R 42E W.M.

U.S.G.S. QUAD - OXMAN, OREG. - 7 1/2'

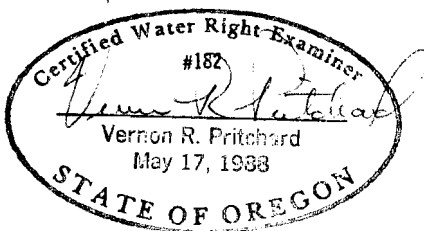


SECTION 15 (58-4459) RESERVOIR



SCALE 1"=1320'

THIS MAP IS FOR THE PURPOSE OF LOCATING A WATER RIGHT AND IS NOT INTENDED TO PROVIDE LEGAL DIMENSIONS FOR LOCATION OF PROPERTY BOUNDARIES.



ACAD RELEASE 10
DVG FILESECISAPP

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT DIVISION OF OPERATIONS VALE DISTRICT	
SECTION 15 (58-4459) RESERVOIR	
DESIGNED	<i>Vernon R. Pritchard</i>
REVIEWED	<i>George D. House</i>
APPROVED	<i>George D. House</i> CHIEF, BRANCH OF ENGINEERING
DRAWN: CG	SCALE: 1"=1320'
DATE: 12/09/92	SHEET 1 OF 1
DRAWING NO. OR-03-9172.45-148	

Application No. R-73779
Permit No.

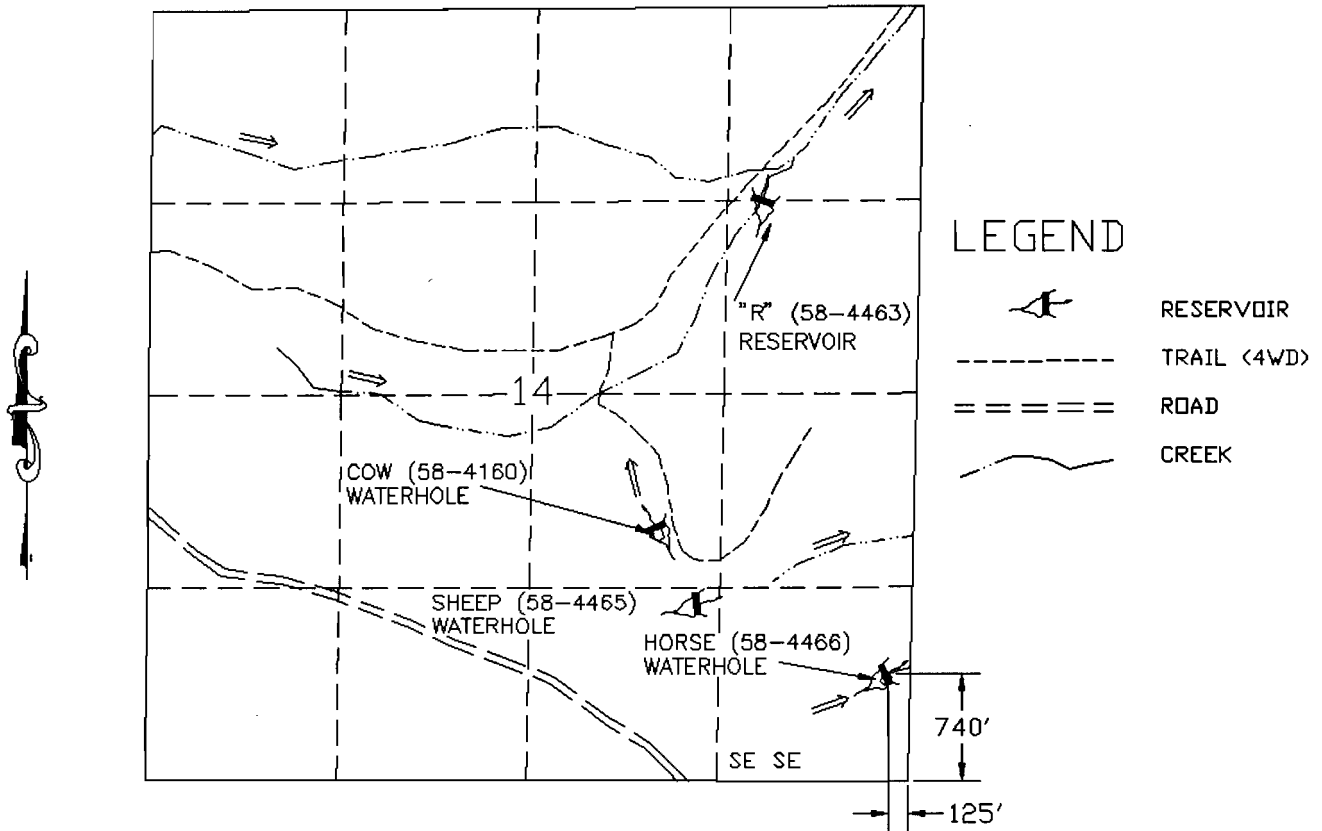
63038

APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

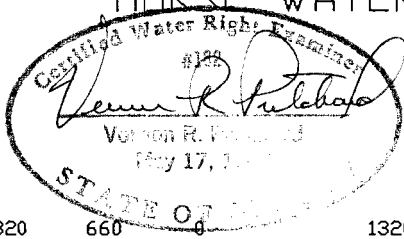
NOV 17 1993
WATER RIGHTS DIV. DEPT.
SALIDA, OREGON

SE 1/4 SE 1/4 SEC 14 T 10S R 42E W.M.

U.S.G.S. QUAD - OXMAN, OREG. - 7 1/2'



HORSE WATERHOLE (58-4466) RESERVOIR



SCALE 1"=1320'

THIS MAP IS FOR THE PURPOSE OF LOCATING A WATER RIGHT AND IS NOT INTENDED TO PROVIDE LEGAL DIMENSIONS FOR LOCATION OF PROPERTY BOUNDARIES.



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT DIVISION OF OPERATIONS VALE DISTRICT	
HORSE WATERHOLE (58-4466) RESERVOIR	
DESIGNED	<i>Vernon R. Hutchins</i>
REVIEWED	<i>Vernon R. Hutchins</i>
APPROVED	<i>George D. House</i> CHIEF, BRANCH OF ENGINEERING
DRAWN: CG	SCALE: 1"=1320'
DATE: 06/03/93	SHEET 1 OF 1
DRAWING NO. OR-03-9172.45-270	

ACAD RELEASE 11/DCA
DWG FILE: HORSEVH.DWG

Application No. R-73779
Permit No.

62038

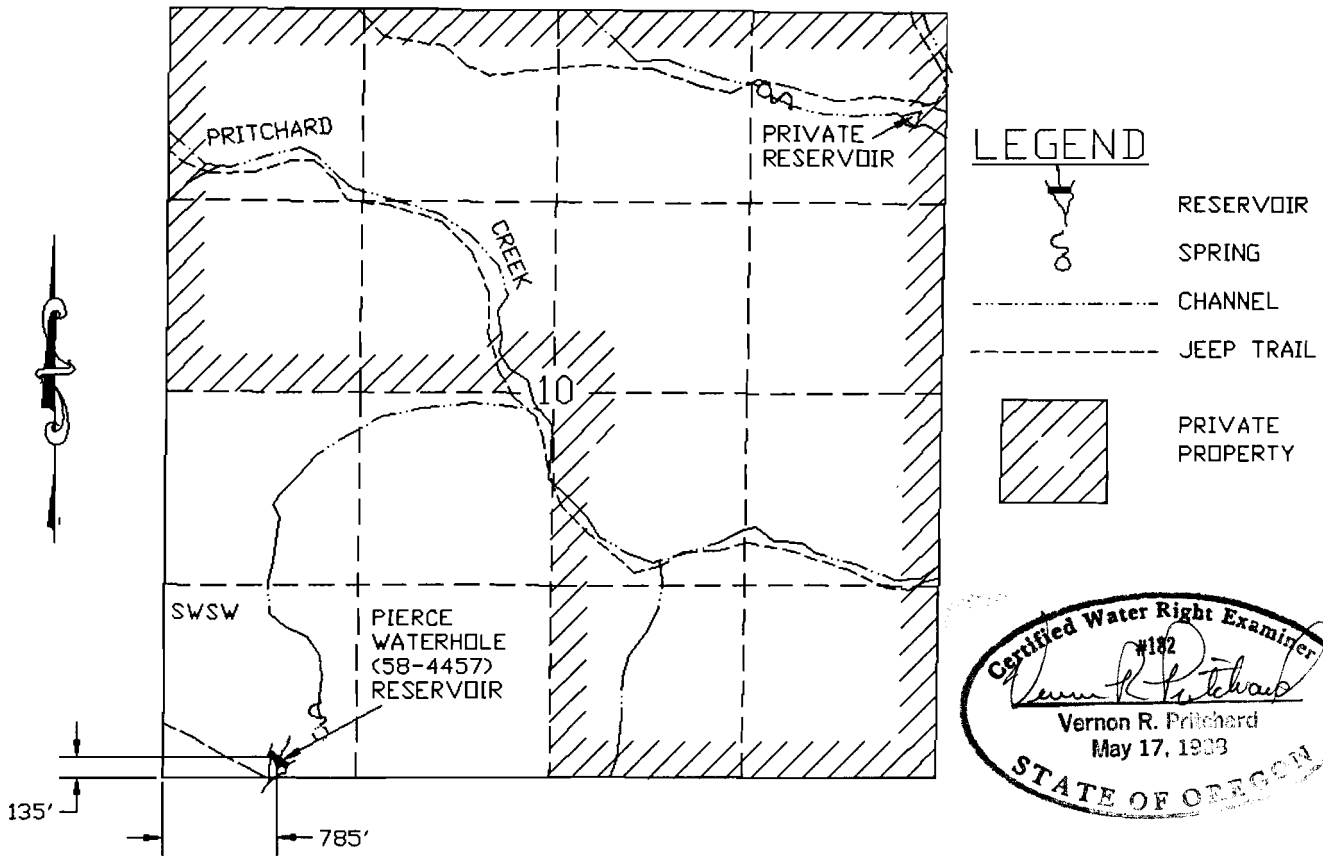
APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

NOV 17 1993

WATER RESOURCES DEPT.
SALEM, OREGON

SW 1/4 SW 1/4 SEC 10 T 10S R 42E W.M.

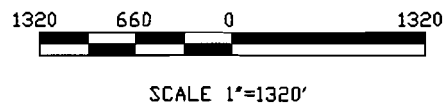
U.S.G.S. QUAD - OXMAN, OREG. - 7 1/2'



Certified Water Right Examiner
 #182
Vernon R. Pritchard
 Vernon R. Pritchard
 May 17, 1993
 STATE OF OREGON

PIERCE WATERHOLE (58-4457) RESERVOIR

OVERALL DIMENSIONS OF THIS SECTION ARE FROM THE ORIGINAL CADASTRAL SURVEY FIELD NOTES.



THIS MAP IS FOR THE PURPOSE OF LOCATING A WATER RIGHT AND IS NOT INTENDED TO PROVIDE LEGAL DIMENSIONS FOR LOCATION OF PROPERTY BOUNDARIES.



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
DIVISION OF OPERATIONS VALE DISTRICT

PIERCE WATERHOLE (58-4457) RESERVOIR

DESIGNED _____
 REVIEWED *Vernon R. Pritchard*
 APPROVED *George D. House*
CHIEF, BRANCH OF ENGINEERING

DRAWN: CG SCALE: 1"=1320'
 DATE: 06/03/93 SHEET 1 OF 1

DRAWING NO. OR-03-9172.45-283

ACAD RELEASE 11/DCA
DWG FILE: PIERCEVH.DWG

Application No. *R-73779*
 Permit No. _____

DRAWING NO. *62038*

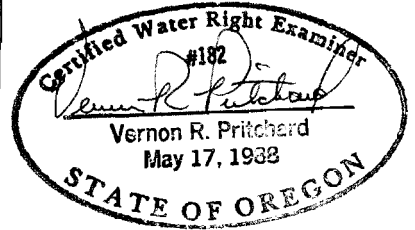
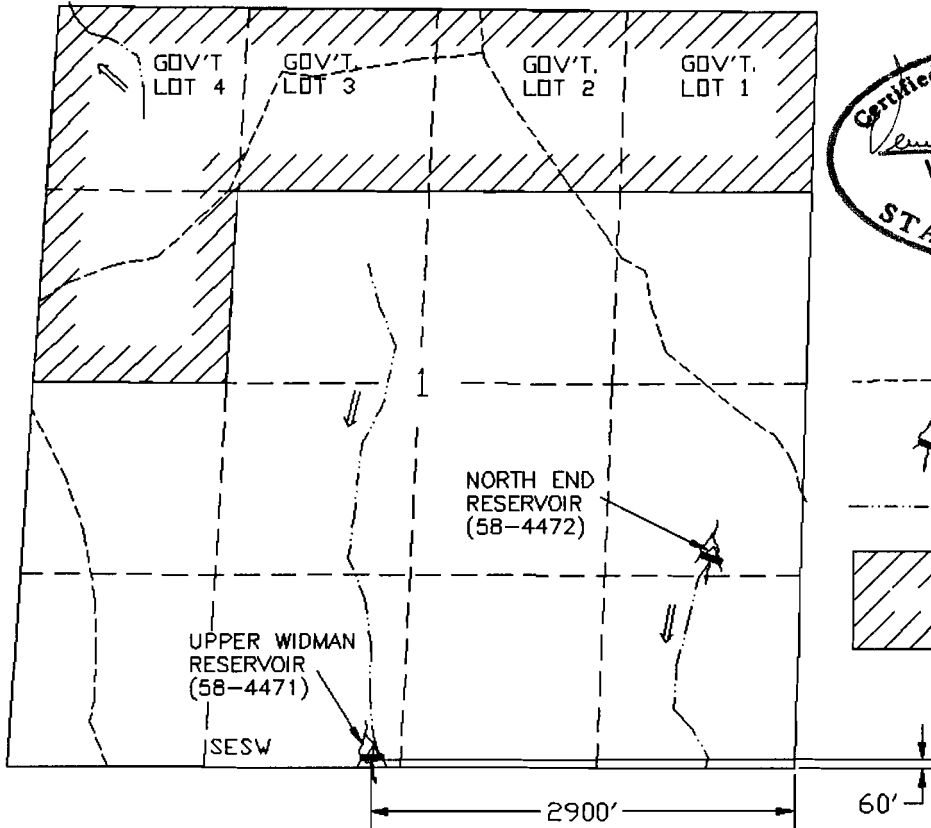
APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

SE 1/4 SW 1/4 SEC 1 T 10S R 42E W.M.

U.S.G.S. QUAD - OXMAN, OREG. - 7 1/2'

NOV 17 1993

WATER RIGHTS DIVISION
SALEM, OREGON

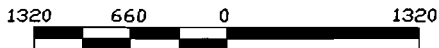


LEGEND

- JEEP TRAIL
- RESERVOIR
- CHANNEL
- PRIVATE PROPERTY

UPPER WIDMAN (58-4471) RESERVOIR

OVERALL DIMENSIONS OF THIS SECTION
ARE FROM THE ORIGINAL CADASTRAL
SURVEY FIELD NOTES & U.S.G.S. QUAD MAP.



SCALE 1"=1320'

THIS MAP IS FOR THE PURPOSE OF LOCATING
A WATER RIGHT AND IS NOT INTENDED TO
PROVIDE LEGAL DIMENSIONS FOR LOCATION
OF PROPERTY BOUNDARIES.



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT DIVISION OF OPERATIONS VALE DISTRICT	
UPPER WIDMAN (58-4471) RESERVOIR	
DESIGNED	
REVIEWED	<i>Vernon R. Pritchard</i>
APPROVED	<i>George D. House</i> CHIEF, BRANCH OF ENGINEERING
DRAWN: CG	SCALE: 1"=1320'
DATE: 06/03/93	SHEET 1 OF 1
DRAWING NO. OR-03-9172.45-276	

ACAD RELEASE 11/DCA
DWG FILE:UWIDMANA.DWG

Application No. R-73779
Permit No.

63038

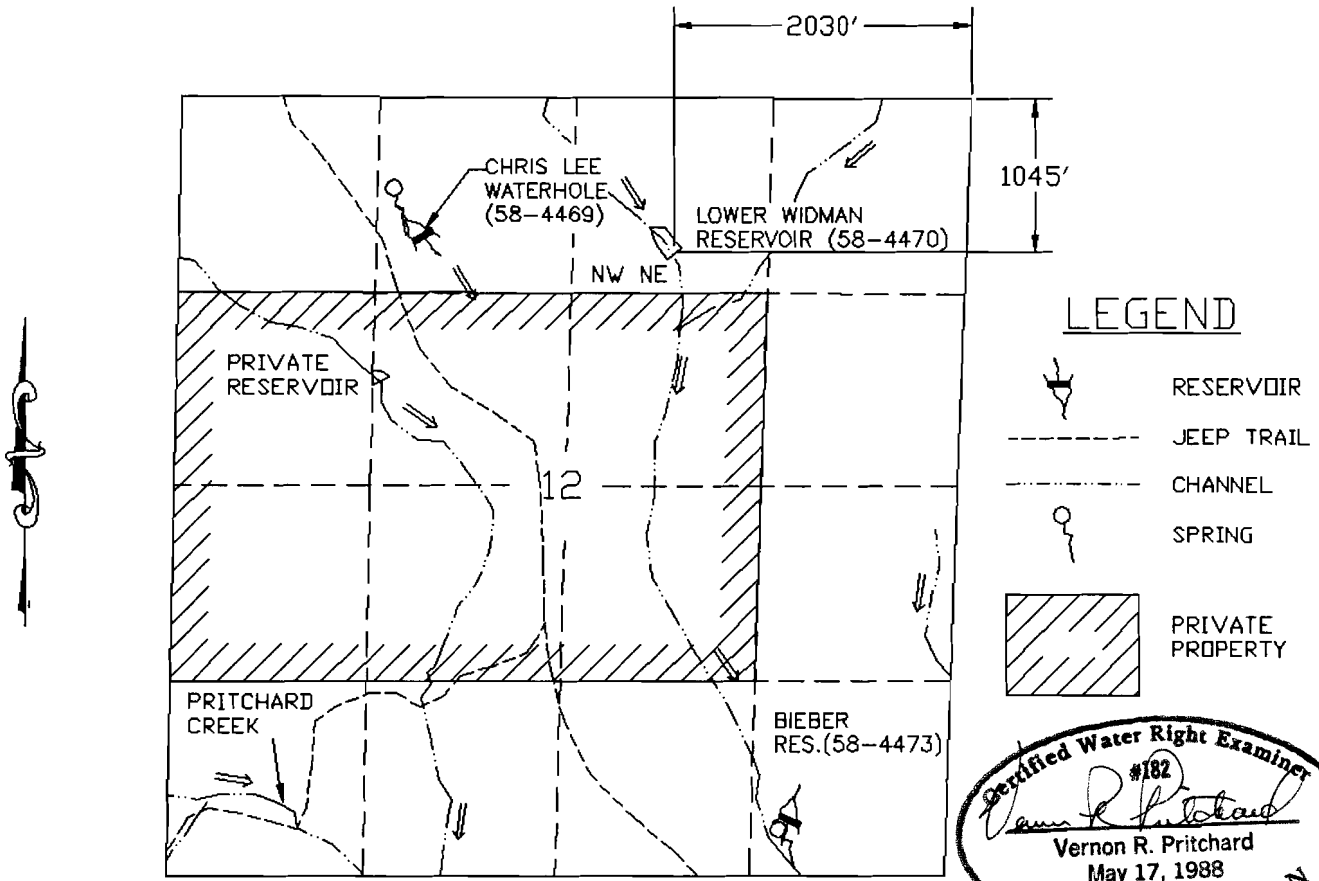
APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

NOV 17 1993

STATE OF OREGON DEPT
SALEM, OREGON

NW 1/4 NE 1/4 SEC 12 T 10S R 42E W.M.

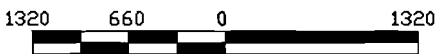
U.S.G.S. QUAD - OXMAN, OREG. - 7 1/2'



Certified Water Right Examiner
#182
Vernon R. Pritchard
Vernon R. Pritchard
May 17, 1988
STATE OF OREGON

LOWER WIDMAN (58-4470) RESERVOIR

OVERALL DIMENSIONS OF THIS SECTION ARE FROM THE ORIGINAL CADASTRAL SURVEY FIELD NOTES.



SCALE 1"=1320'

THIS MAP IS FOR THE PURPOSE OF LOCATING A WATER RIGHT AND IS NOT INTENDED TO PROVIDE LEGAL DIMENSIONS FOR LOCATION OF PROPERTY BOUNDARIES.



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT DIVISION OF OPERATIONS VALE DISTRICT	
LOWER WIDMAN (58-4470) RESERVOIR	
DESIGNED	<i>Vernon R. Pritchard</i>
REVIEWED	<i>Vernon R. Pritchard</i>
APPROVED	<i>Harold Stone</i> CHIEF, BRANCH OF ENGINEERING
DRAWN: CG	SCALE: 1"=1320'
DATE: 06/03/93	SHEET 1 OF 1
DRAWING NO. OR-03-9172.45-274	

ACAD RELEASE 11/DCA
DWG FILE: LWIDMAN.DWG

Application No. R-73779
Permit No.

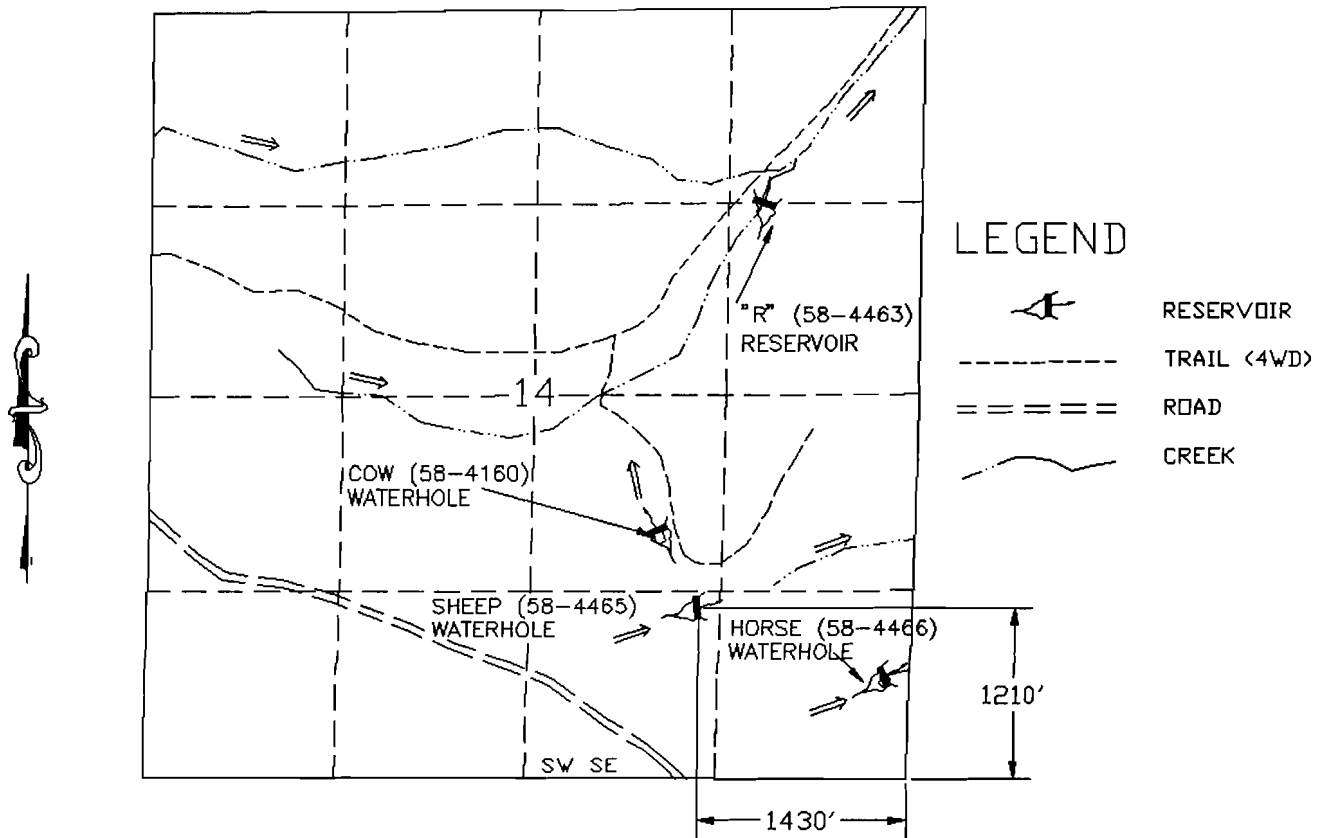
67038

APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

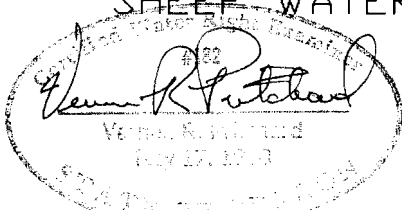
NOV 17 1993
WATER RESOURCES DEPT.
SALEM, OREGON

SW 1/4 SE 1/4 SEC 14 T 10S R 42E W.M.

U.S.G.S. QUAD - OXMAN, OREG. - 7 1/2'



SHEEP WATERHOLE (58-4465) RESERVOIR



SCALE 1"=1320'

THIS MAP IS FOR THE PURPOSE OF LOCATING A WATER RIGHT AND IS NOT INTENDED TO PROVIDE LEGAL DIMENSIONS FOR LOCATION OF PROPERTY BOUNDARIES.



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
DIVISION OF OPERATIONS VALE DISTRICT

SHEEP WATERHOLE (58-4465) RESERVOIR

DESIGNED _____
REVIEWED *Vernon R. Fitchard*
APPROVED *George W. House*
CHIEF, BRANCH OF ENGINEERING

DRAWN: CG SCALE: 1"=1320'

DATE: 06/03/93 SHEET 1 OF 1

DRAWING NO. DR-03-9172.45-272

ACAD RELEASE 11/DCA
DWG FILE: SHEEPVH.DWG

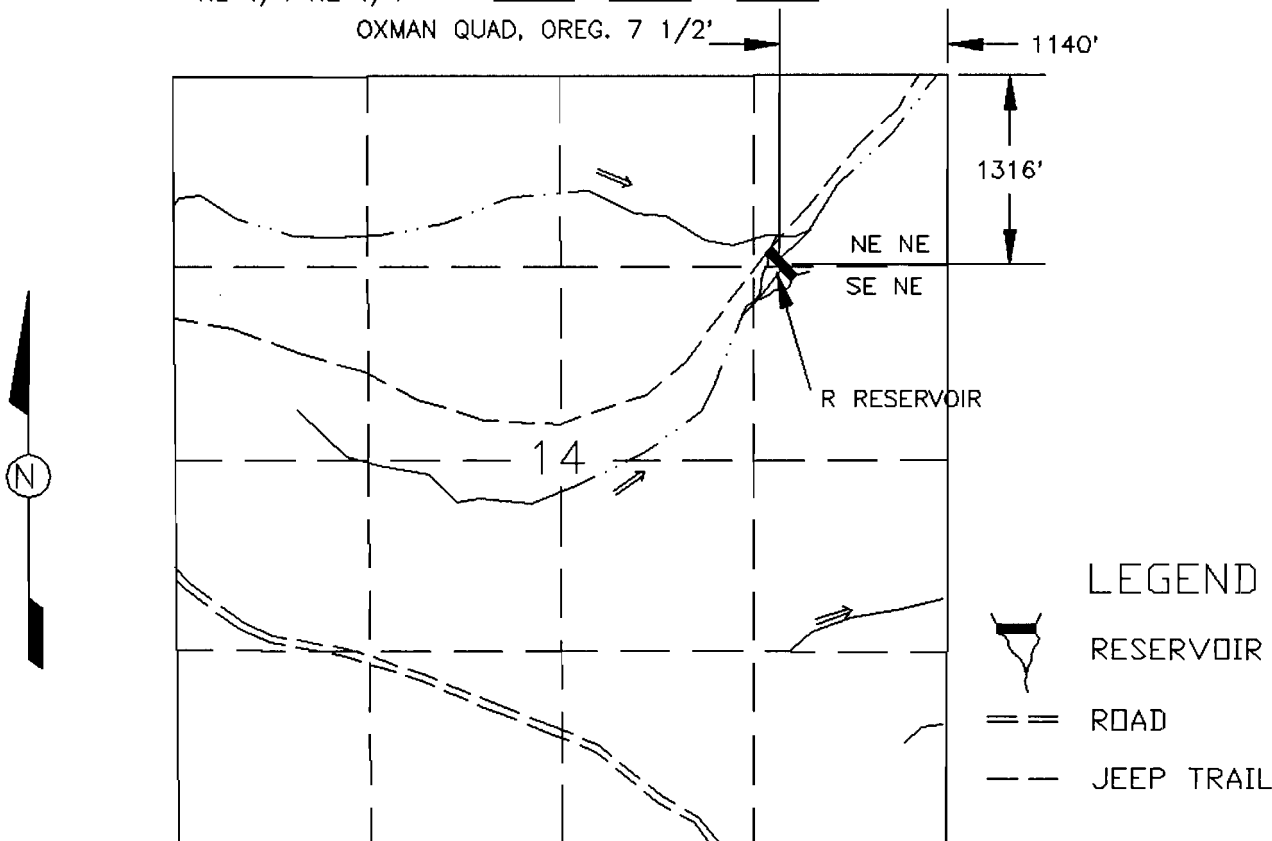
Application No. R-73779
Permit No.

82238

APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

NOV 17 1993
WATER RESOURCES DEPT.
SALEM, OREGON

NE 1/4 NE 1/4 SEC 14 T 10S R 42E W.M.
OXMAN QUAD, OREG. 7 1/2'

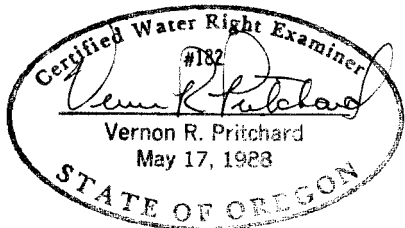


R(58-4463) RESERVOIR



SCALE 1"=1320'

THIS MAP IS FOR THE PURPOSE OF LOCATING A WATER RIGHT AND IS NOT INTENDED TO PROVIDE LEGAL DIMENSIONS FOR LOCATION OF PROPERTY BOUNDARIES.



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
DIVISION OF OPERATIONS VALE DISTRICT

R (58-4463) RESERVOIR

DESIGNED _____
REVIEWED *Vernon R. Pritchard*
APPROVED *George D. Howe*
CHIEF BRANCH OF ENGINEERING

DRAWN: CG SCALE: 1"=1320'

DATE: 12/09/92 SHEET 1 OF 1

DRAWING NO. OR-03-9172.45-144

ACAD RELEASE 10
DWG FILE: R-RESAPP

Application No. R-73779
Permit No.



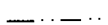

62038

AS BUILT MAP OF R (58-4463) RESERVOIR

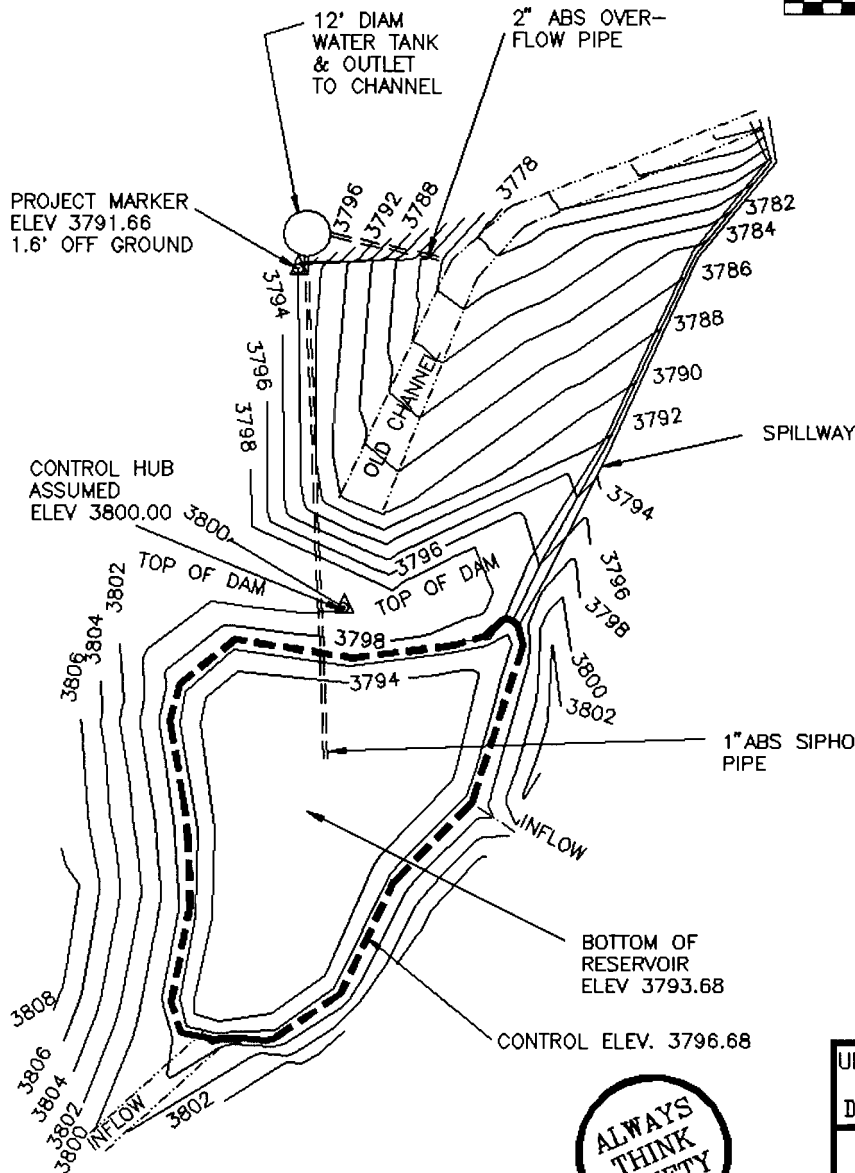
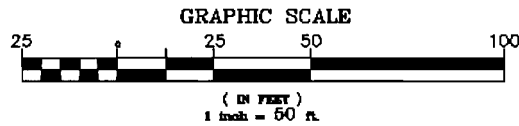
NOV 17 1993

WATER RESOURCES DIVISION
SALMON, OREGON

LEGEND

-  88 CONTOUR & ELEV
-  HIGH WATER LINE
ELEV. 3796.68
-  CHANNEL
-  MONUMENT

NE 1/4 NE 1/4 SEC 14, T. 10S., R. 42 E., W.M.
U.S.G.S QUAD - OXMAN, OREG. - 7 1/2'



MAX. HEIGHT	10.6'
TOP WIDTH	12'
SLOPE UPSTREAM	2:1
SLOPE DOWNSTREAM	5:3
HT. ABOVE WATER LINE	3.3'
AREA SUBMERGED	0.15 ACRE
MAX. WATER DEPTH	3'

SPILLWAY:	
BOTTOM WIDTH	4'
TOP WIDTH	20'
SPILLWAY CREST TO DAM CREST	2.06'
STORAGE CAPACITY	0.34 ACRE FEET

NOTE: CONTROL HUB HAS AN ASSUMED ELEVATION OF 3800.00 FROM U.S.G.S QUAD - OXMAN, OREG.

FAILURE OF THIS STRUCTURE WOULD NOT POSE A THREAT TO LIFE OR PROPERTY.

INSTALLATION OF AN OUTLET CONDUIT WOULD THREATEN THE INTEGRITY OF THE EXISTING STRUCTURE. SHOULD AN OUTLET CONDUIT BE REQUIRED LATER FOR WATER DISTRIBUTION NEEDS, IT WILL BE INSTALLED USING APPROPRIATE SAFEGUARDS AND CONSTRUCTION TECHNIQUES, OR THE STRUCTURE MAY BE BREACHED OR RE-CONSTRUCTED.



JDR NO:58-4463
WATER RIGHTS
APP. NO.:
PERMIT NO.
CERTIFICATE NO.

ACAD 11/DCA
R-RES.DWG

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
DIVISION OF OPERATIONS VALE DISTRICT

R (58-4463) RESERVOIR AS BUILT

DESIGNED FIELD SURVEY 10/15/92 GRASTY & CARTER

REVIEWED *[Signature]*

APPROVED *[Signature]*
CHIEF, BRANCH OF ENGINEERING

DRAWN: C.G. SCALE: 1"=50'

DATE: 12/07/92 SHEET 1 OF 1

DRAWING NO. OR-03-9172.45-142

Application No. R-73979
Permit No.

CERTIFICATE NO. 62038