

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'

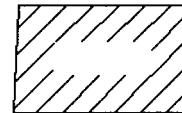
156071-102

NOV 17 1993

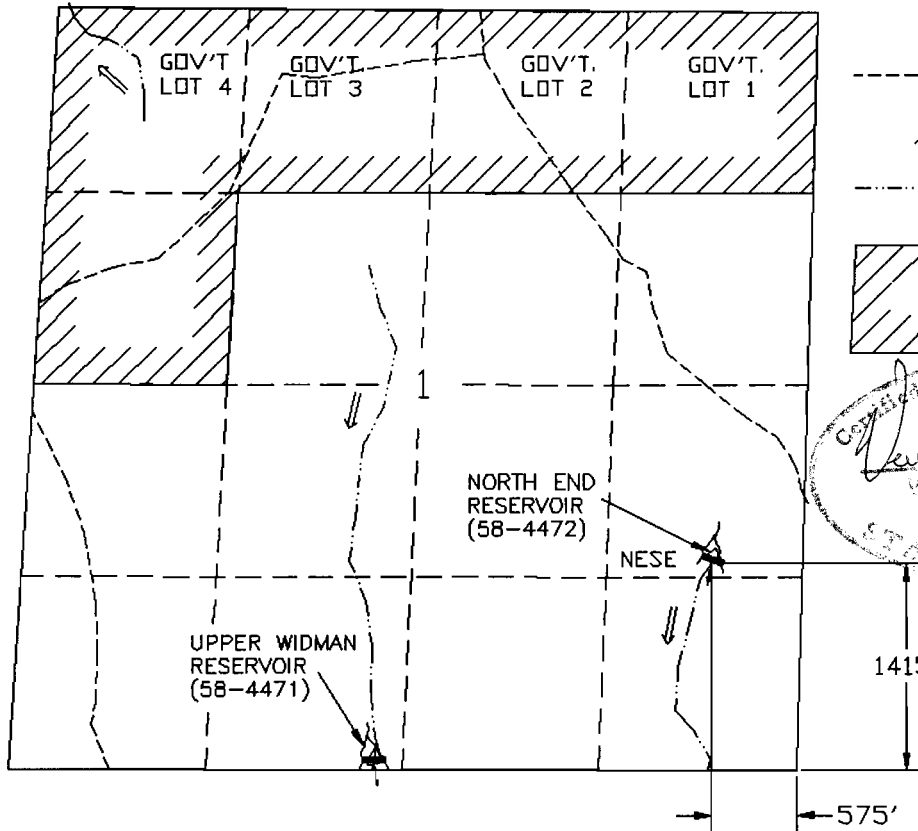
WATER RESOURCES DEPT.
SALEM, OREGON

LEGEND

- JEEP TRAIL
- ⊙ RESERVOIR
- CHANNEL

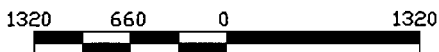


PRIVATE
PROPERTY



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 *Kevin 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

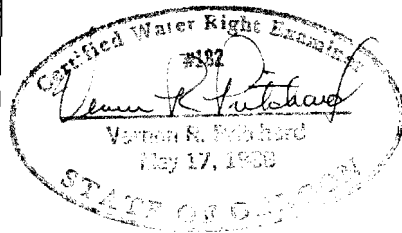
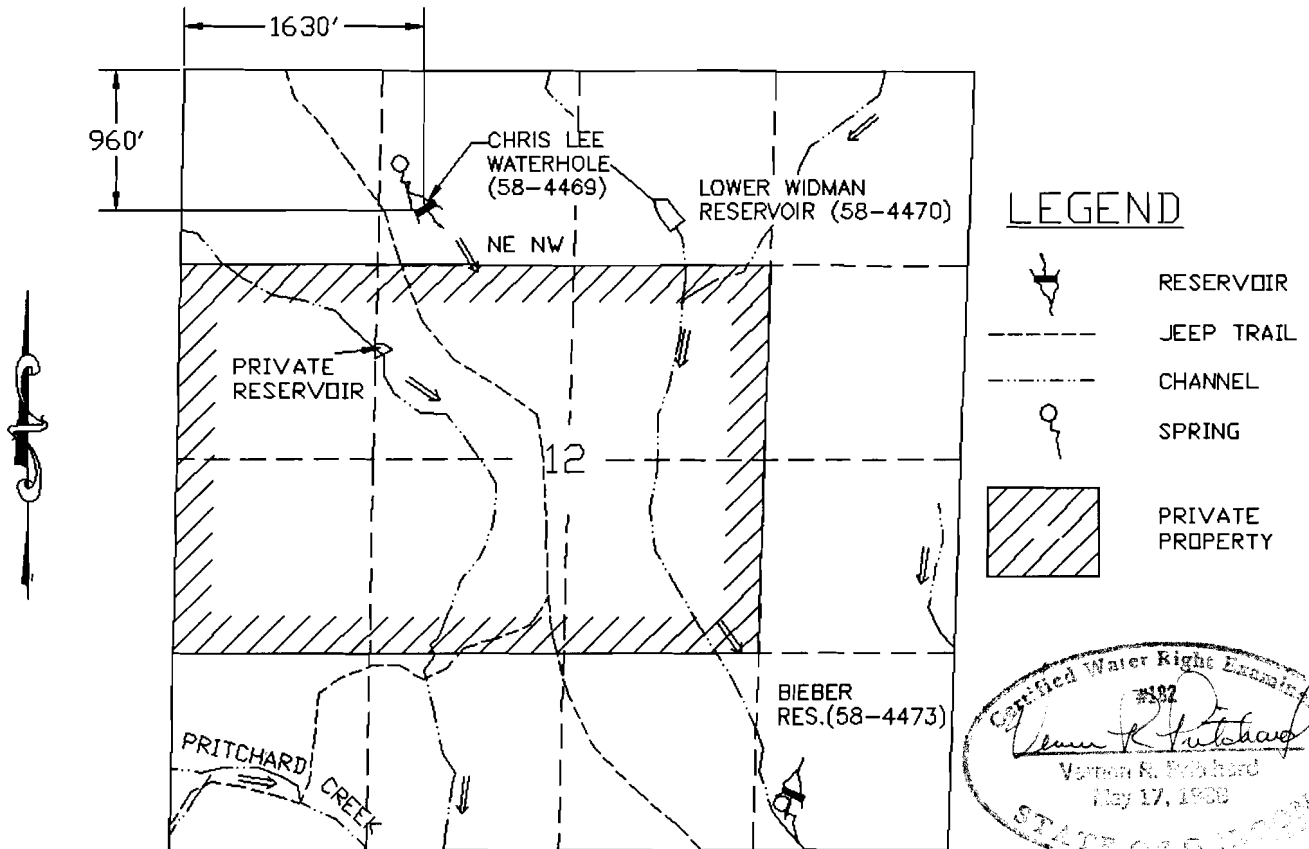
NOV 17 1993

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'

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

CHRIS LEE WATERHOLE (58-4469) 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. DR-03-9172.45-273

ACAD RELEASE 11/84
DWG FILE:CHRISLEE.DWG

Application No. R-73779
Permit No.

IDENTIFICATION NO. 62038

NOV 17 1993





WATER RESOURCES DEPT.
SALEM, OREGON

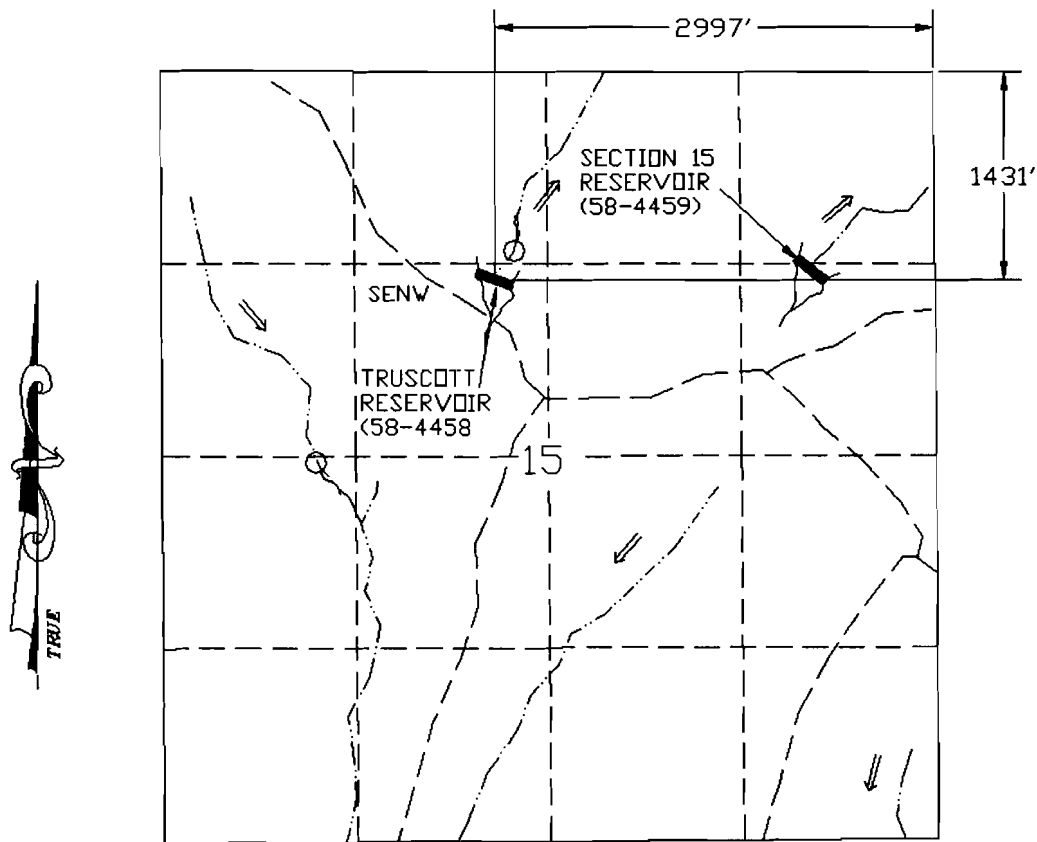
APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

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. Fitchard
Vernon S. Fitchard
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. Fitchard*
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

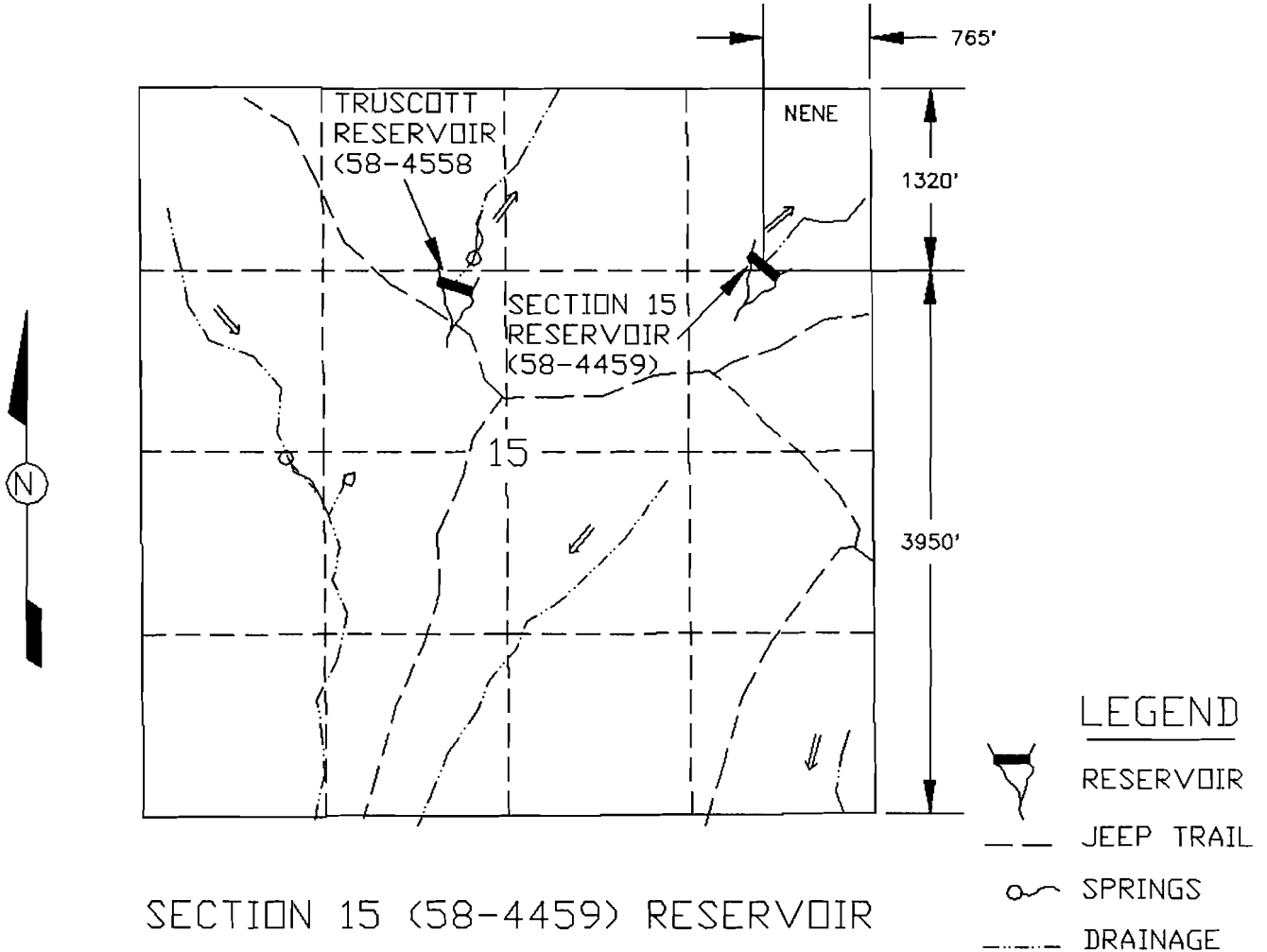
APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

NOV 17 1993

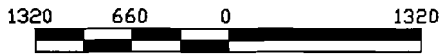
WATER RESOURCES DIVISION
SALEM, OREGON

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

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

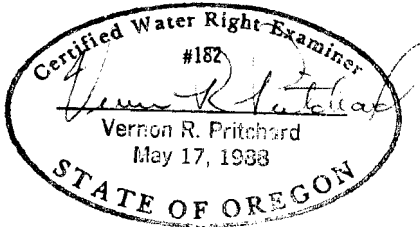


SECTION 15 (58-4459) RESERVOIR



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.



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

SECTION 15 (58-4459)
RESERVOIR

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

DRAWN: CG SCALE: 1"=1320'

DATE: 12/09/92 SHEET 1 OF 1

DRAWING NO. OR-03-9172.45-148

ACAD RELEASE 10
DVG FILESECISAPP

Application No. R-73779
Permit No.

63038

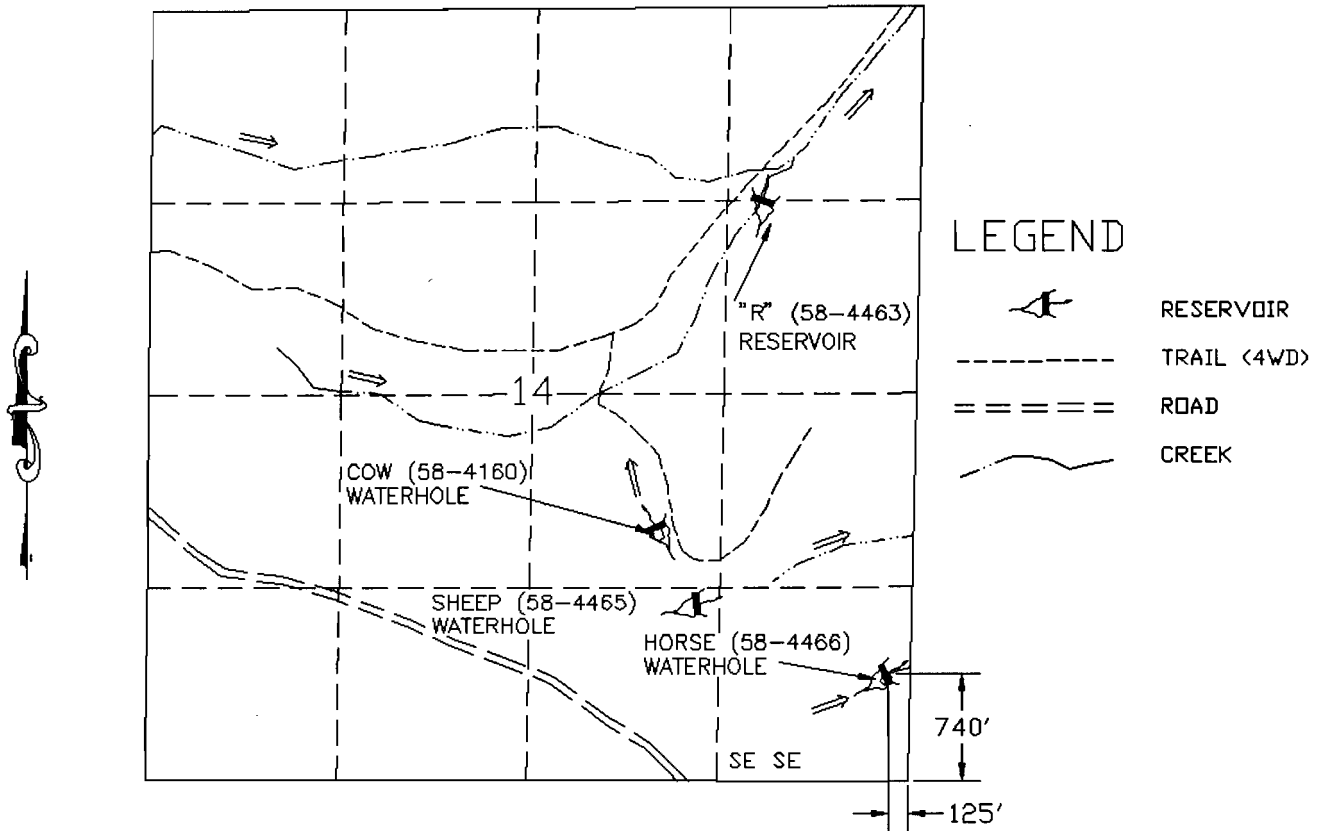
APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

NOV 17 1993

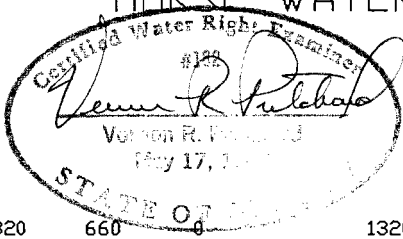
WATER RESOURCES DEPT.
SALMON, OREGON

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'

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

HORSE WATERHOLE (58-4466) RESERVOIR

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

DRAWN: CG SCALE: 1"=1320'

DATE: 06/03/93 SHEET 1 OF 1

DRAWING NO. OR-03-9172.45-270

ACAD RELEASE 11/DCA
DWG FILE: HORSEVH.DWG

Application No. R-73779
Permit No.

62038

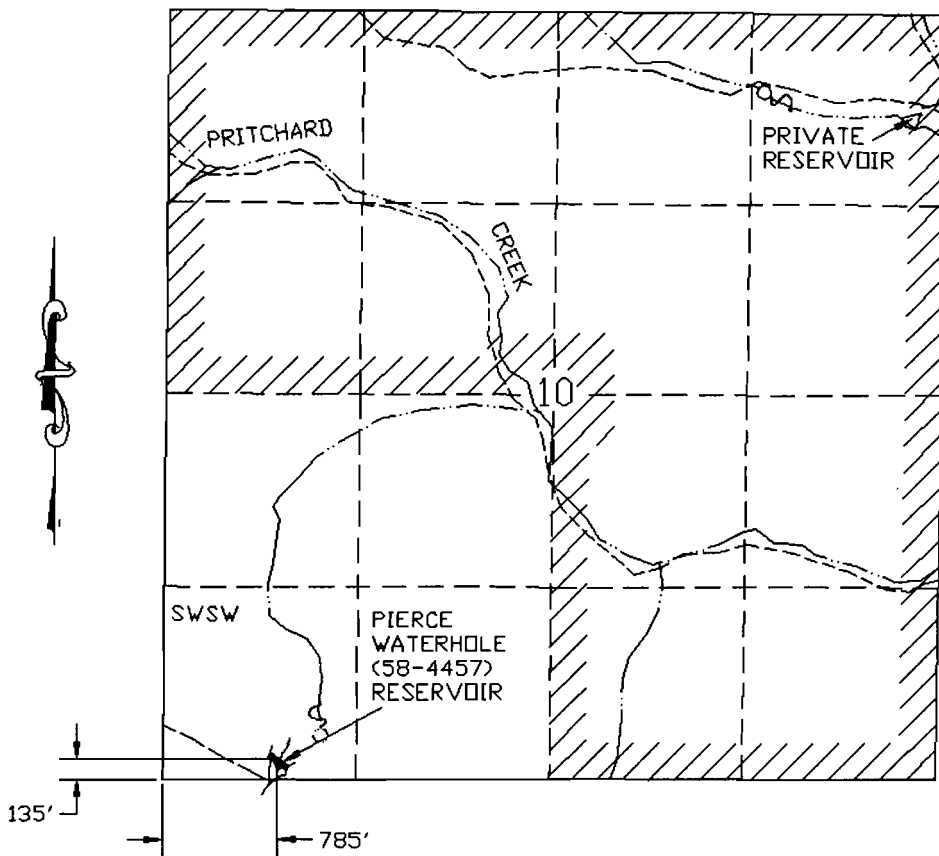
APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

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



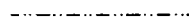

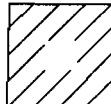
U.S.G.S. QUAD - OXMAN, OREG. - 7 1/2'

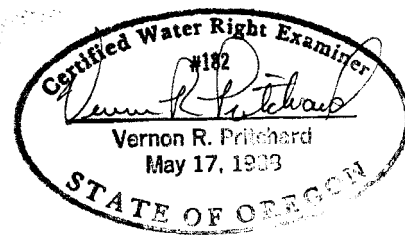
NOV 17 1993

WATER RESOURCES DEPT.
SALEM, OREGON



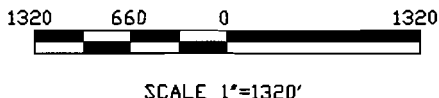
LEGEND

-  RESERVOIR
-  SPRING
-  CHANNEL
-  JEEP TRAIL
-  PRIVATE PROPERTY



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.

PERMIT NO. *62038*

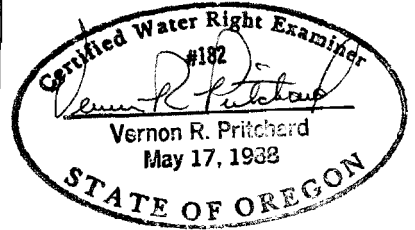
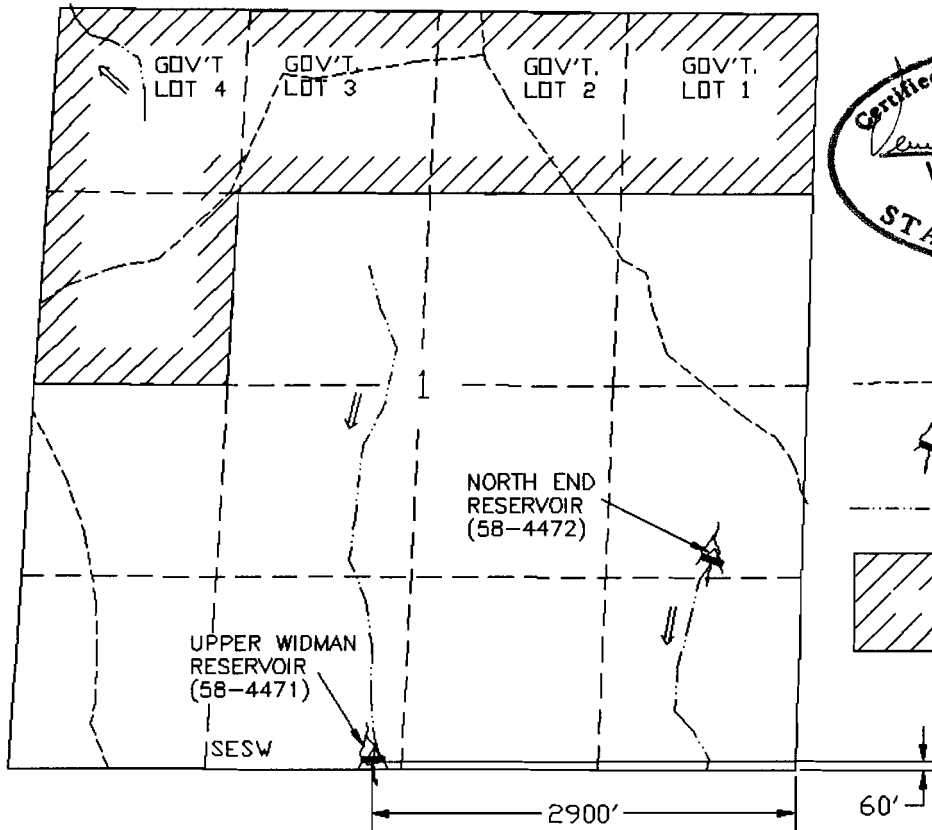
APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

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

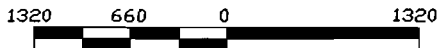


LEGEND

- 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> <small>CHIEF, BRANCH OF ENGINEERING</small>
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 *

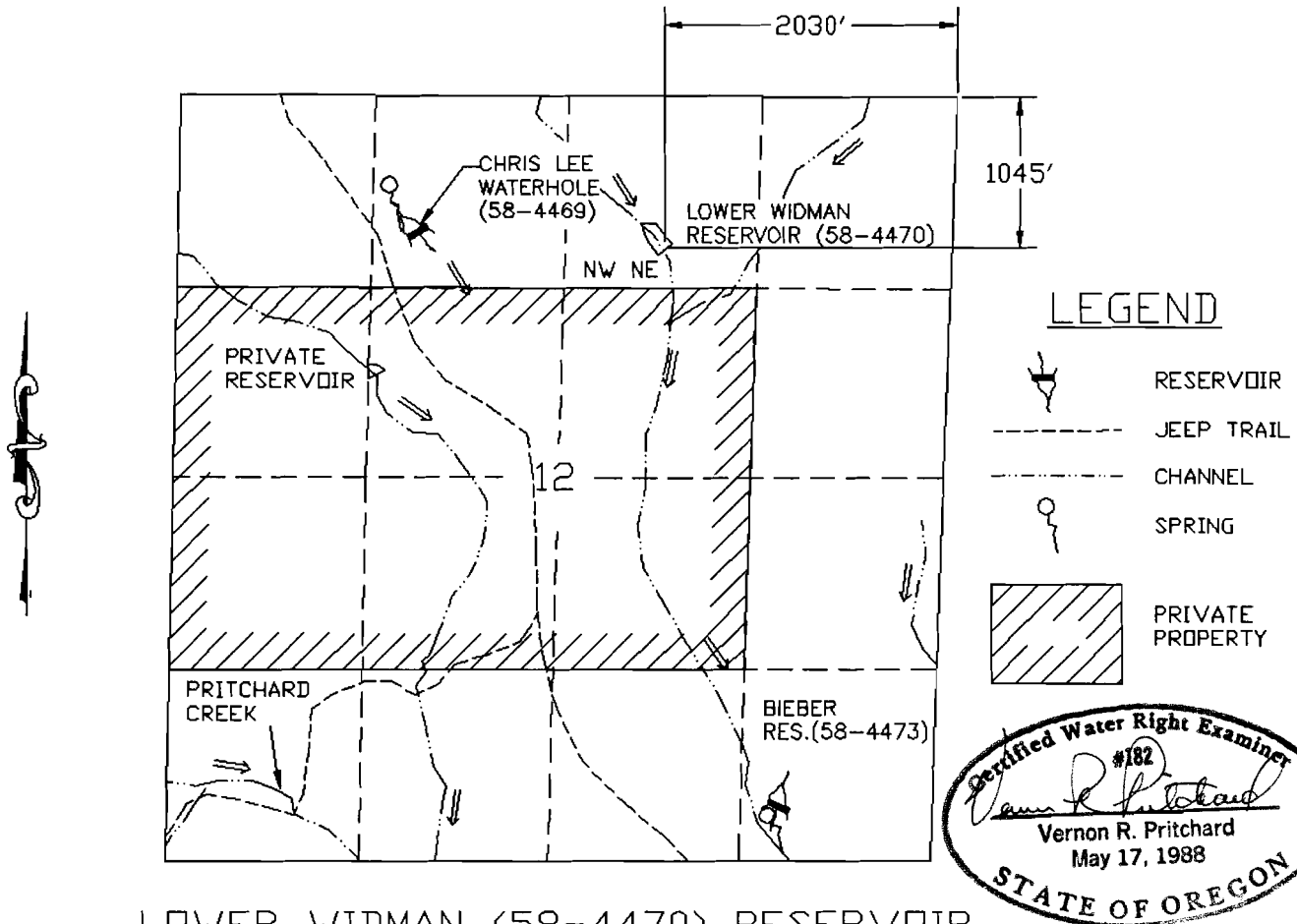
APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

NOV 17 1993

STATE OF OREGON DEPT
SALEM, OREGON

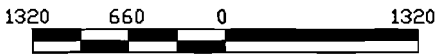
NW 1/4 NE 1/4 SEC 12 T 10S R 42E W.M.

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



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

NOV 17 1993

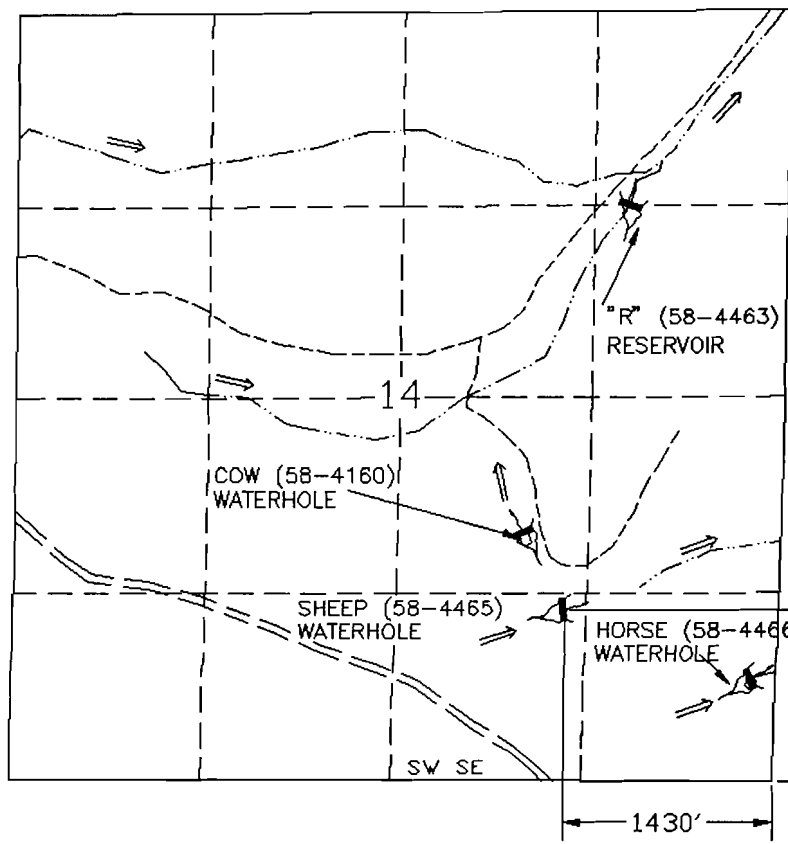
NOV 17 1993

WATER RESOURCES DEPT.
SALEM, OREGON

APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

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

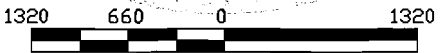
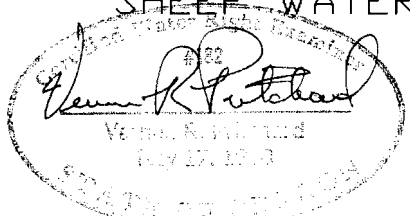
U.S.G.S. QUAD - OXMAN, OREG. - 7 1/2'



LEGEND

- RESERVOIR
- TRAIL (4WD)
- ROAD
- CREEK

SHEEP WATERHOLE (58-4465) RESERVOIR



SCALE 1"=1320'

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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

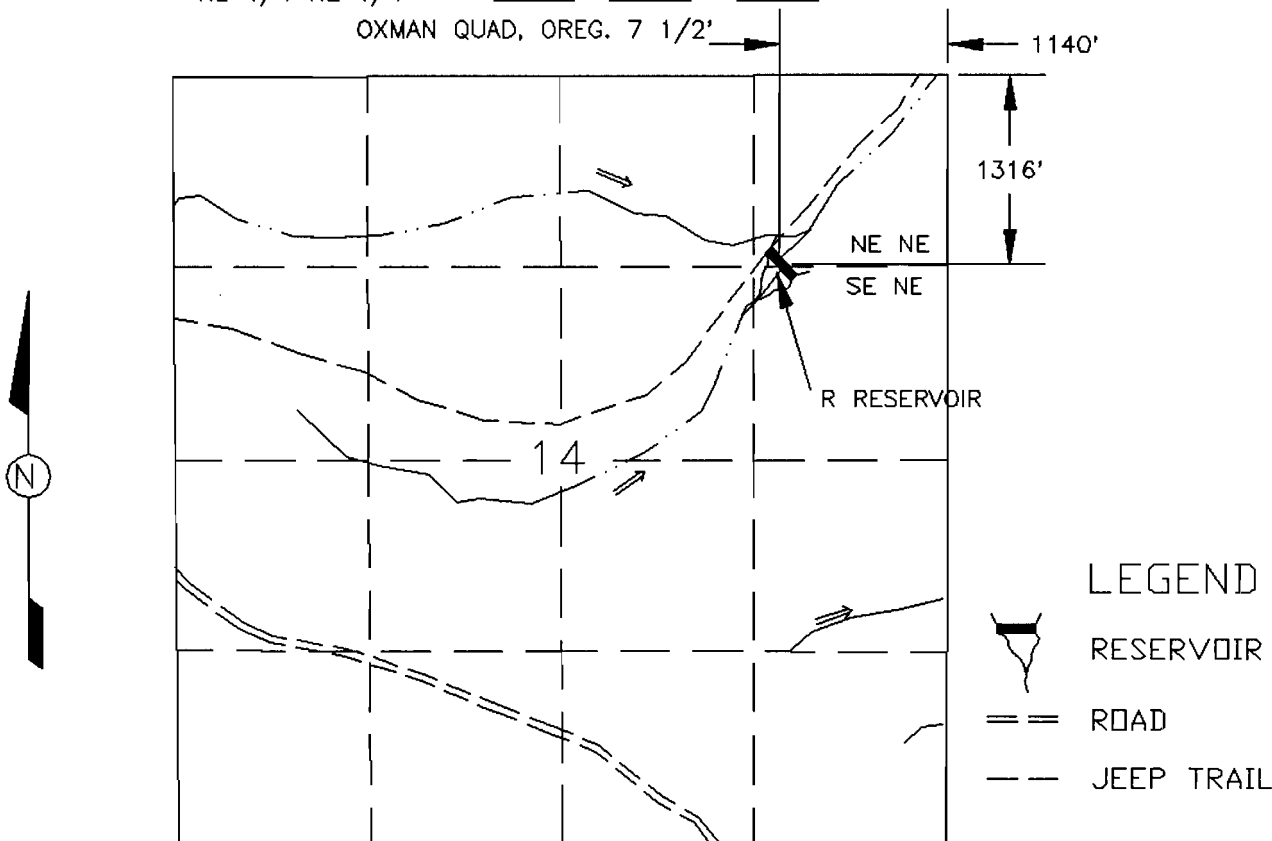
Application No. R-73779
Permit No.

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'

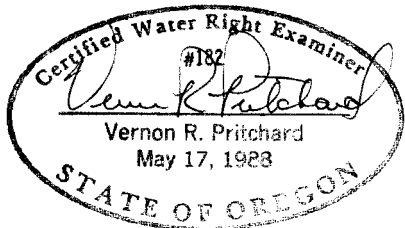


R(58-4463) RESERVOIR



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
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.

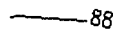



62038

AS BUILT MAP OF R (58-4463) RESERVOIR

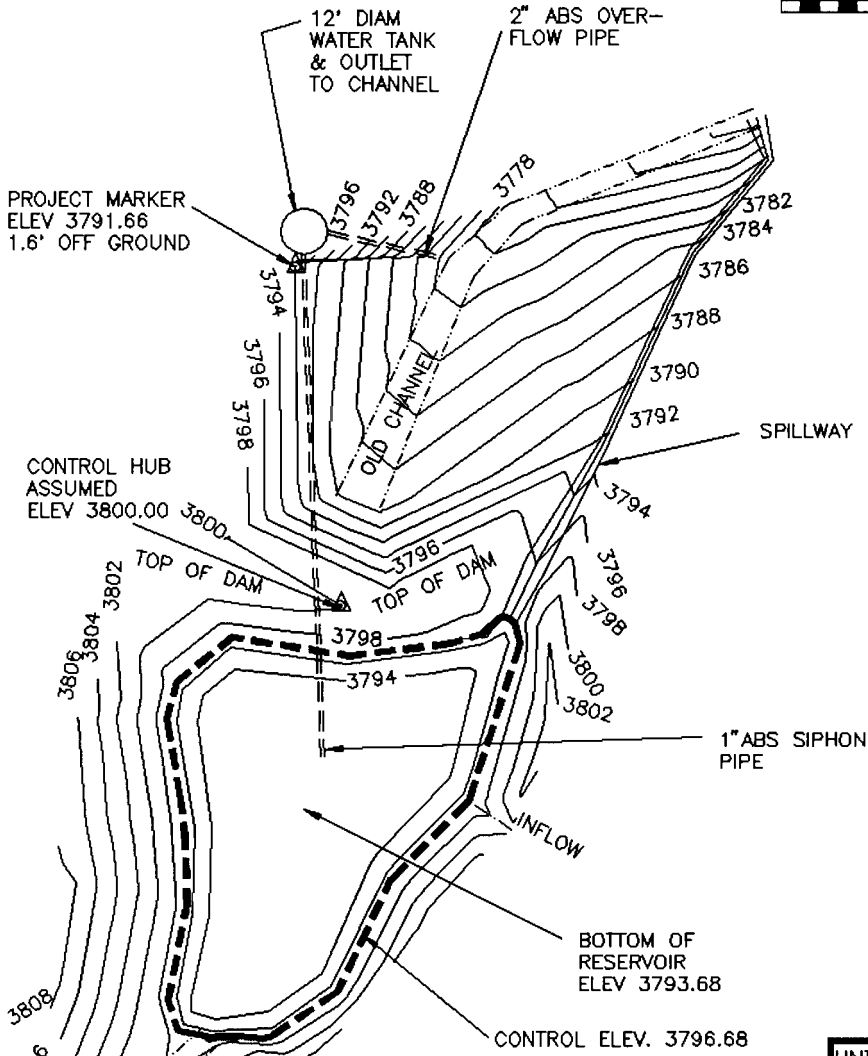
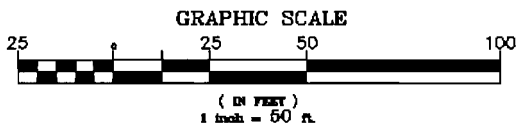
NOV 17 1993

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	<i>George D. House</i>
APPROVED	<i>George D. House</i> 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