

APPLICATION MAP FOR PERMIT TO CONSTRUCT A RESERVOIR

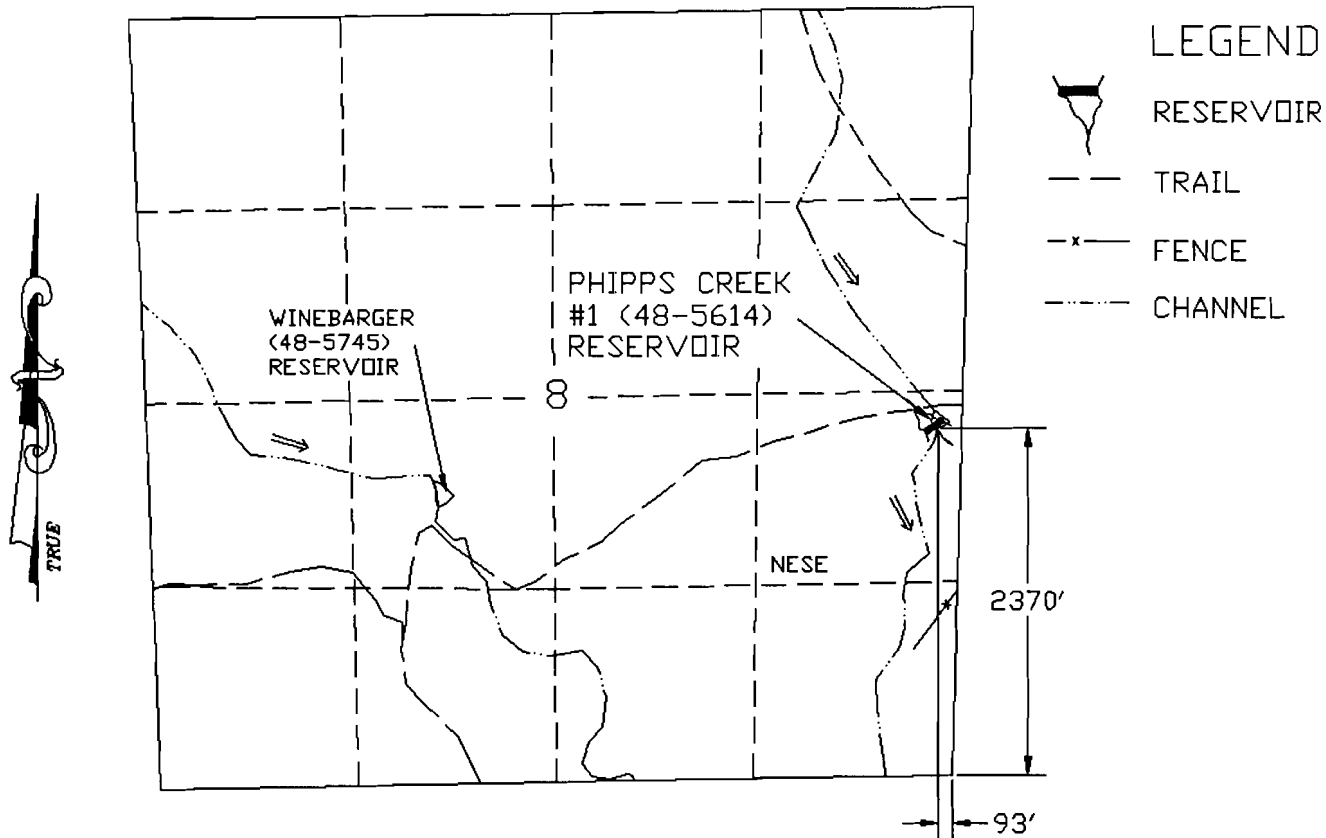
NE 1/4 SE 1/4 SEC 8 T 15S R 43E W.M.

U.S.G.S. QUAD - BIRCH CREEK MEADOW, OREG. - 7 1/2'

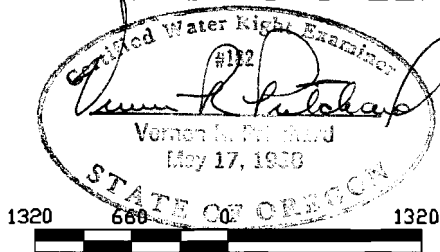
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OCT 04 1993

WATER RESOURCES DEPT.
SALEM, OREGON



PHIPPS CREEK #1 (48-5614) 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 11/DCA
DWG FILE: PHIPPS1A.DWG

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT DIVISION OF OPERATIONS VALE DISTRICT	
PHIPPS CREEK #1 (48-5614) RESERVOIR	
DESIGNED	<i>Vernon L. Pittsford</i>
REVIEWED	<i>George D. House</i>
APPROVED	CHIEF, BRANCH OF ENGINEERING
DRAWN: CG	SCALE: 1"=1320'
DATE: 03/10/93	SHEET 1 OF 1
DRAWING NO. DR-03-9172.45-241	

No. R-73700
No. 0010
CERTIFICATE NO. 0010

R-73 700

CERTIFICATE NO.

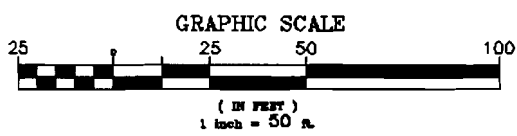
00010

AS BUILT MAP OF PHIPPS CREEK #1 (48-5614) RESERVOIR

NE 1/4 SE 1/4 SEC 8, T. 15S., R. 43 E., W.M.
U.S.G.S. QUAD - BIRCH CREEK MEADOW, OREG. - 7 1/2'

LEGEND

- 88 ——— CONTOUR & ELEV
- HIGH WATER LINE
ELEV. 92.19
- CHANNEL
- ▲ MONUMENT



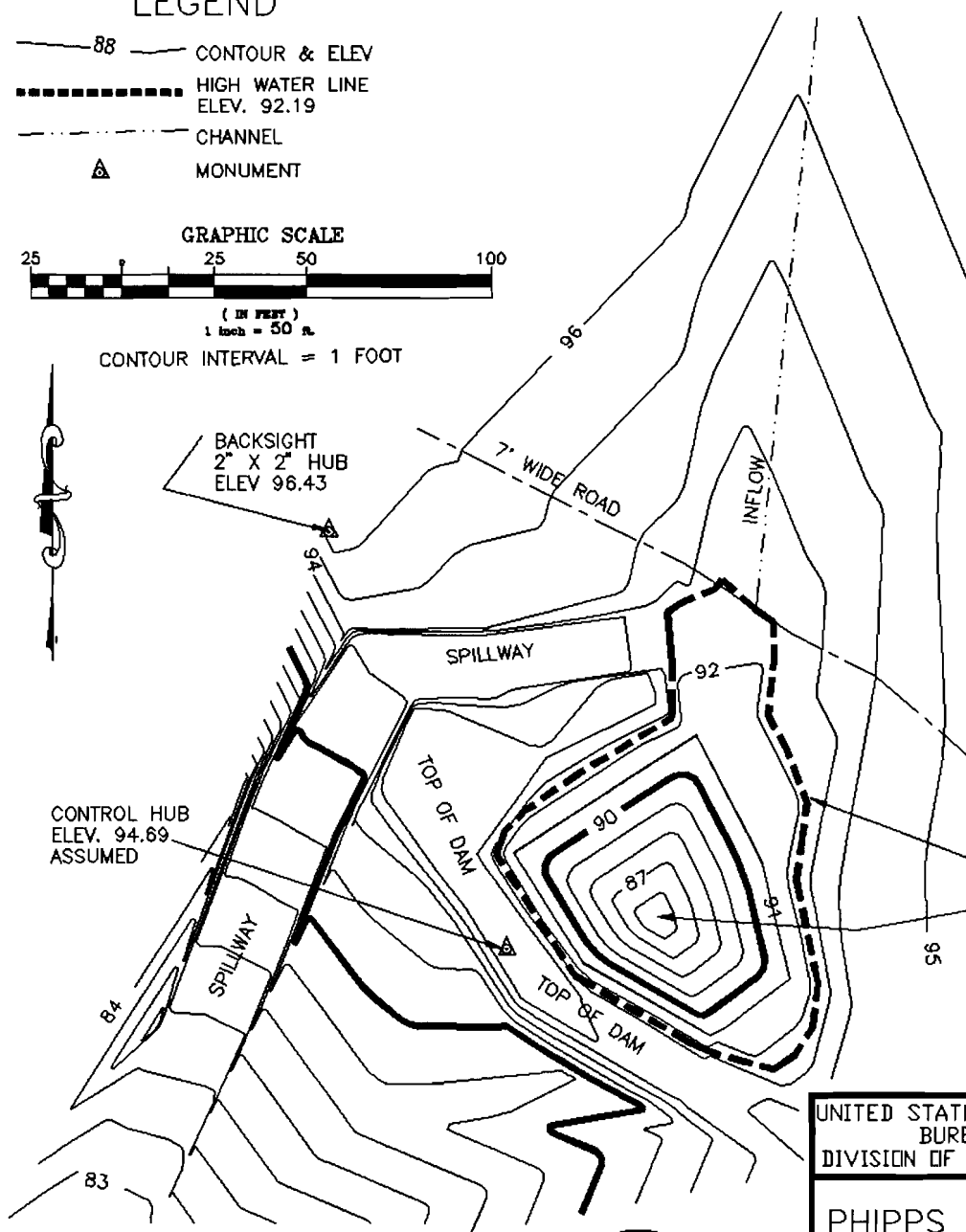
DAM:	
MAX. HEIGHT	4.78'
TOP WIDTH	12'
SLOPE UPSTREAM	2-1/2:1
SLOPE DOWNSTREAM	2:1
HT. ABOVE WATER LINE	1.81'
AREA SUBMERGED	0.15 ACRE
MAX. WATER DEPTH	7.14'
SPILLWAY:	
BOTTOM WIDTH	25'
TOP WIDTH	29'
SPILLWAY CREST TO DAM CREST	2.5'
STORAGE CAPACITY	0.30 AC.FT.

NOTE: CONTROL HUB
HAS AN ASSUMED
ELEVATION OF 94.69

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SALEM, OREGON



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 IN-
STALLED USING APPROPRIATE SAFEGUARDS
AND CONSTRUCTION TECHNIQUES, OR THE
STRUCTURE MAY BE BREACHED OR RE-
CONSTRUCTED.



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

PHIPPS CREEK #1 (48-5614) RESERVOIR AS BUILT

DESIGNED FIELD SURVEY 4/28/88 MARTIN & BARNES
REVIEWED *George D. Osborn*
APPROVED *George D. Osborn*
CHIEF, BRANCH OF ENGINEERING

DRAWN: C.G.	SCALE: 1"=50'
DATE: 01/06/93	SHEET 1 OF 1
DRAWING NO. OR-03-9172.45-242	

ACAD 11/DCA
PHIPPS1.DWG