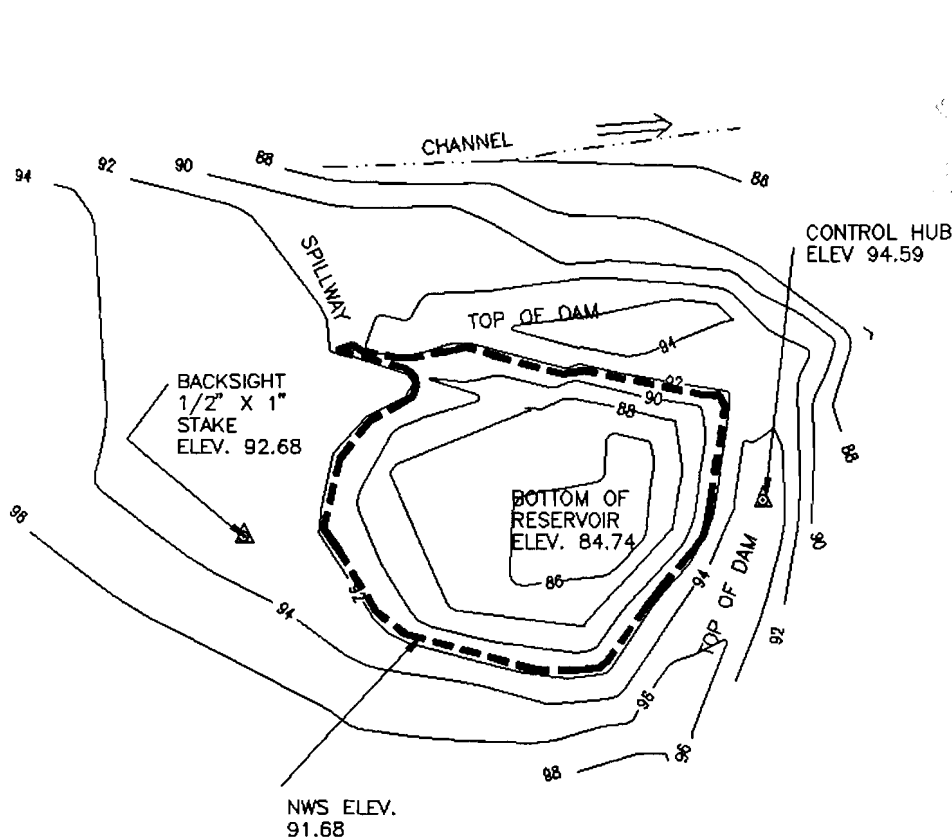
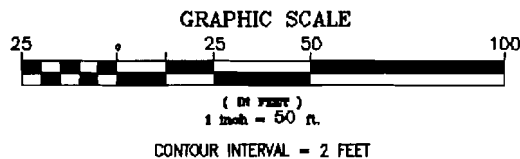


AS BUILT MAP OF BLACK CHERRY (48-5617) RESERVOIR

LEGEND

- 88 — CONTOUR & ELEV
- NWS
ELEV. 91.68
- - - - - CHANNEL
- ▲ MONUMENT

SE1/4 NW1/4 SEC 31, T.15S., R.42 E., W.M.
U.S.G.S. QUAD - BROGAN, OREG. - 7 1/2'



DAM:

MAX. HEIGHT	6.65'
TOP WIDTH	11'
SLOPE UPSTREAM	2 1/2:1
SLOPE DOWNSTREAM	2:1
HT. ABOVE WATER LINE	2.9'
AREA SUBMERGED	0.15 ACRE
MAX. WATER DEPTH	6.94'

SPILLWAY:

BOTTOM WIDTH	11'
TOP WIDTH	18'
SPILLWAY CREST TO DAM CREST	1.7'
STORAGE CAPACITY	0.51 AC.FT.

JDR NO: 48-5617
WATER RIGHTS
APP. NO.:
PERMIT NO.
CERTIFICATE NO.

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.



ACAD 11/DCA
BLACKCHY.DWG

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

BLACK CHERRY (48-5617) RESERVOIR AS BUILT

DESIGNED FIELD SURVEY 04/27/89 MARTIN & BARNES

REVIEWED *George D. House*

APPROVED *George D. House*
CHIEF, BRANCH OF ENGINEERING

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

DATE: 01/05/93 SHEET 1 OF 1

DRAWING NO. OR-03-9172.45-000

Application No. R-73993
Permit No.

CERTIFICATE NO.

00124

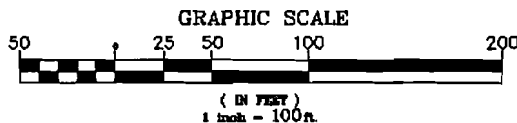
AS BUILT MAP OF BLACKS CREEK #1 (48-5227) RESERVOIR

LEGEND

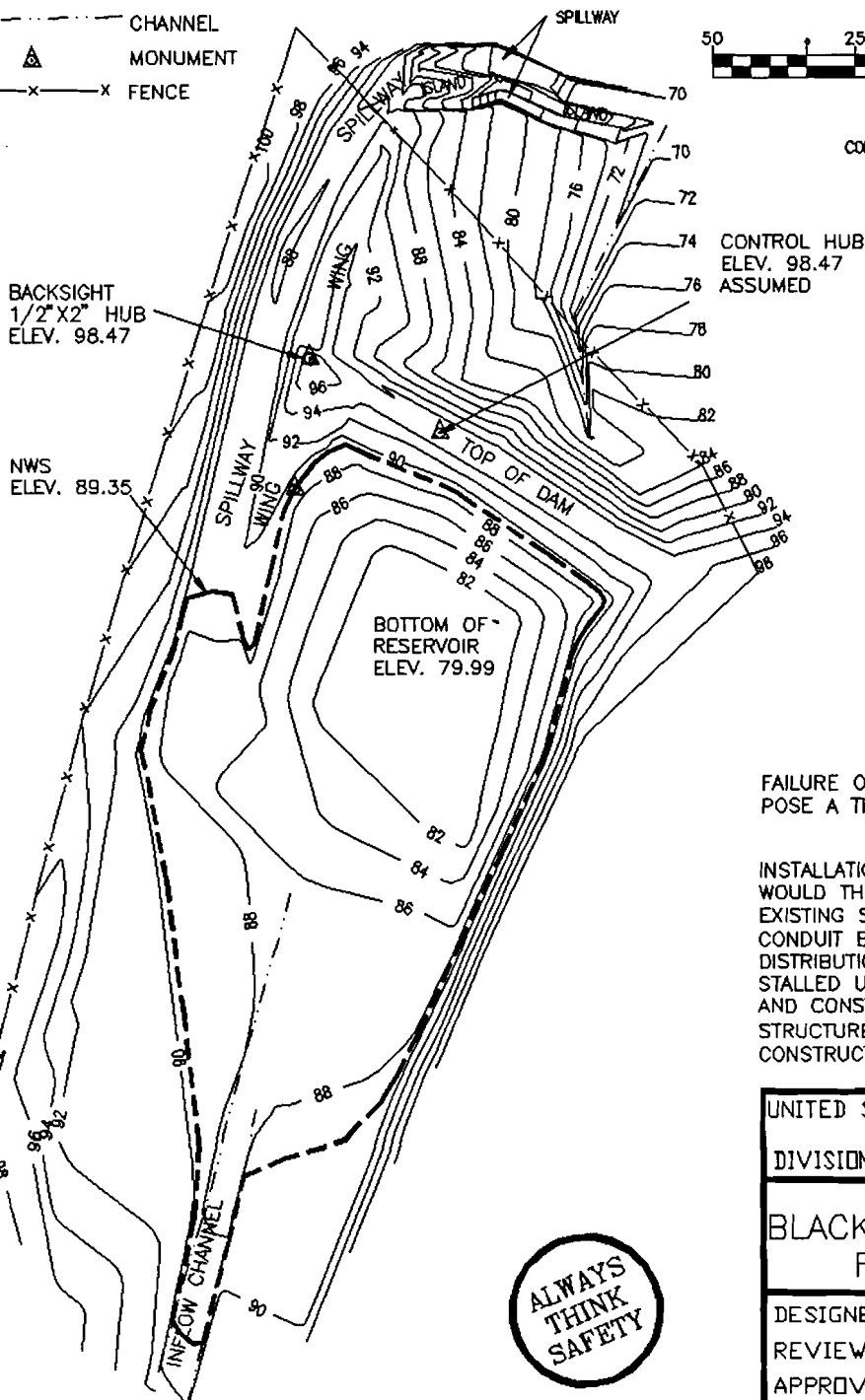
GOVT. LOT 2, SEC 31, T.15S., R.42E., W.M.

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

- 88 ——— CONTOUR & ELEV
- NWS
ELEV. 89.35
- CHANNEL
- ▲ MONUMENT
- x — x — x FENCE



CONTOUR INTERVAL = 2 FEET



CONTROL HUB
ELEV. 98.47
ASSUMED

APR 28 1994

DAM:	
MAX. HEIGHT	14.65'
TOP WIDTH	12'
SLOPE UPSTREAM	3:1
SLOPE DOWNSTREAM	2:1
HT. ABOVE WATER LINE	5.2'
AREA SUBMERGED	1.35ACRE
MAX. WATER DEPTH	9.36'
SPILLWAY:	
BOTTOM WIDTH	18'
TOP WIDTH	42'
SPILLWAY CREST TO DAM CREST	4.77'
STORAGE CAPACITY	5.24 AC.FT.

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

BLACKS CREEK #1 (48-5227)
RESERVOIR AS BUILT

DESIGNED FIELD SURVEY 4/26/88 MARTIN & BARNES

REVIEWED *George H. House*

APPROVED *George H. House*

CHIEF, BRANCH OF ENGINEERING

DRAWN: C.G. SCALE: 1"=100

DATE: 02/24/94 SHEET 1 OF 1

DRAWING NO. OR-03-9172.45-169

JDR NO: 48-5227
WATER RIGHTS
APP. NO.:
PERMIT NO.
CERTIFICATE NO.

ACAD 11/DCA
BLACKCR1.DWG



Registration No. R-73993

Permit No.

CERTIFICATE NO.

00124

APPLICATION MAP FOR PERMIT TO CONSTRUCT TWO RESERVOIRS BLACKS CREEK #1 (48-5227) RESERVOIR

GOV'T. LOT 2, SECTION 31, T.15S., R.42E., W.M.
U.S.C.S. QUAD - BRADY CREEK, OREG. - 7 1/2'

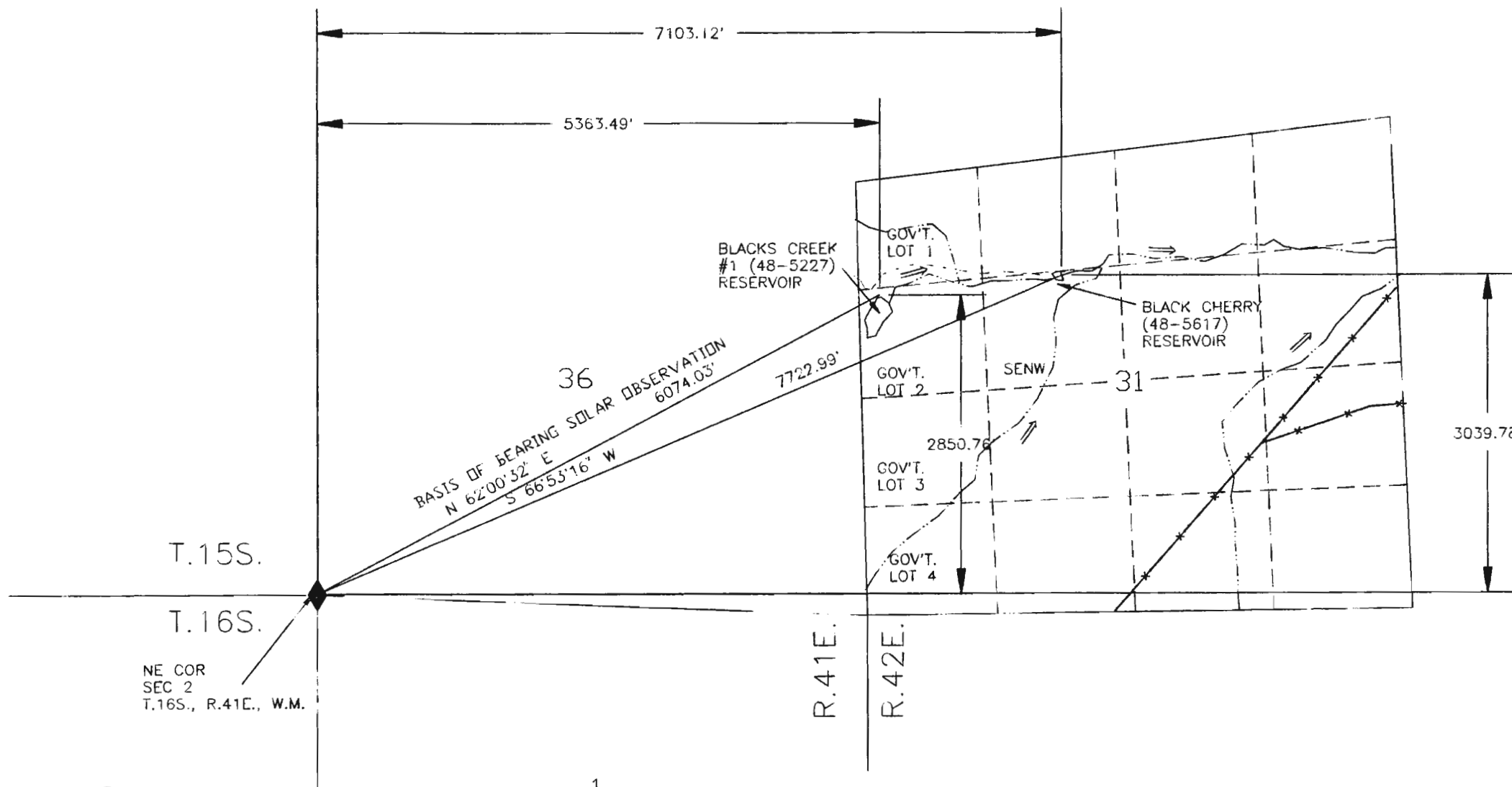
BLACK CHERRY (48-5617) RESERVOIR

SE1/4 NW1/4, SECTION 31, T.15S., R.42E., W.M.
U.S.G.S. QUAD - BROGAN, OREG. - 7 1/2'

"CERTIFICATE NO. 1124"
Application No. R-73993
Permit No.

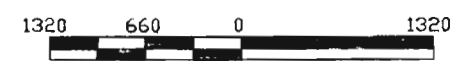
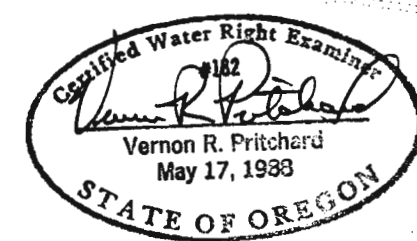
28 1938

SUB. 1938



LEGEND

- RESERVOIR
- TRAIL
- FENCE
- CHANNEL
- FD SEC COR



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	
BLACKS CREEK #1 (48-5227) BLACK CHERRY (48-5617) RESERVOIRS	
DESIGNED	<i>Vernon R. Pritchard</i>
REVIEWED	<i>George D. House</i>
APPROVED	CHIEF BRANCH OF ENGINEERING
DRAWN:	SCALE:
DATE:	SHEET OF
DRAWING NO.	

ACAD RELEASE 11
DWG FILE