

AS BUILT MAP OF HARVEY (48-5662) RESERVOIR

LEGEND

NE 1/4 NW 1/4 SEC 8, T. 19S., R. 38 E., W.M.
U.S.G.S. QUAD - DE ARMOND MOUNTAIN, OREG. - 7 1/2'

RECEIVED

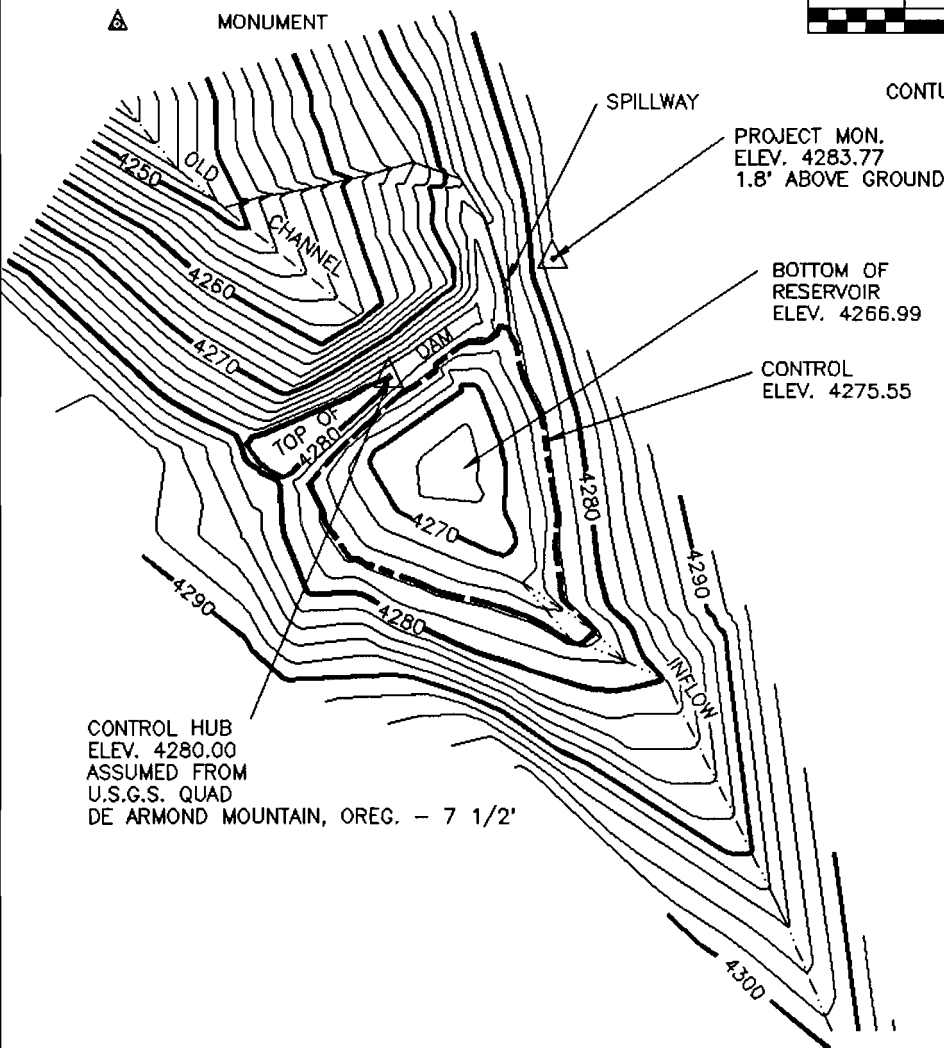
OCT 04 1993

WATER RESOURCES DEPT.
SALEM, OREGON

- 88 CONTOUR & ELEV
- HIGH WATER LINE
ELEV. 4275.55
- CHANNEL
- ▲ MONUMENT



CONTOUR INTERVAL = 2 FEET



DAM:
MAX. HEIGHT 18.9'
TOP WIDTH 8'
SLOPE UPSTREAM 1 1/2:1
SLOPE DOWNSTREAM 1 1/2:1
HT. ABOVE WATER LINE 4.45'
AREA SUBMERGED 0.29 ACRE
MAX. WATER DEPTH 8.6'

SPILLWAY:
BOTTOM WIDTH 2.5'
TOP WIDTH 11'
SPILLWAY CREST TO DAM CREST 4.68'
STORAGE CAPACITY 1.15 AC.FT.

JDR NO: 48-5662
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 RECONSTRUCTED.

ACAD 11/DCA
HARVEY.DWG

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

HARVEY (48-5662) RESERVOIR
AS BUILT

DESIGNED FIELD SURVEY 7/21/93 CRASTY, FRITZ & MARTINEZ

REVIEWED *[Signature]*

APPROVED *[Signature]*
CHIEF, BRANCH OF ENGINEERING

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

DATE: 08/06/93 SHEET 1 OF 1

DRAWING NO. OR-03-9172.45-336

No. R-73724

No.

CERTIFICATE NO. 110227

AS BUILT MAP OF BOGART (48-5663) RESERVOIR

LEGEND

- 88 ——— CONTOUR & ELEV
- HIGH WATER LINE
ELEV. 4346.52
- CHANNEL
- ▲ MONUMENT

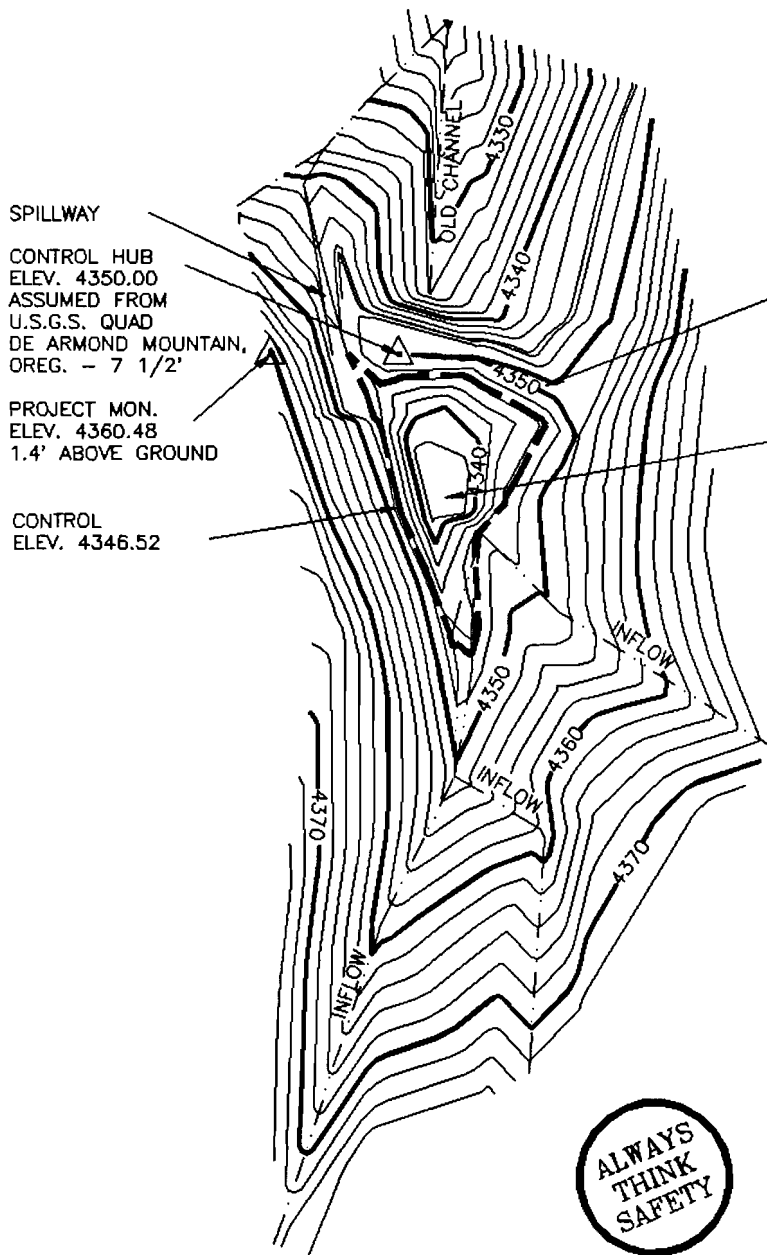
NE 1/4 SW 1/4 SEC 8, T. 19S., R. 38 E., W.M.
U.S.G.S. QUAD -DE ARMOND MOUNTAIN, OREG.- 7 1/2'

OCT 04 1993

WATER RESOURCES DEPT.
SALEM, OREGON



CONTOUR INTERVAL = 2 FEET



DAM:
MAX. HEIGHT 16.7'
TOP WIDTH 3'
SLOPE UPSTREAM 3:1
SLOPE DOWNSTREAM 2:1
HT. ABOVE WATER LINE 3.5'
AREA SUBMERGED 0.15 ACRE
MAX. WATER DEPTH 9.7'

SPILLWAY:
BOTTOM WIDTH 3'
TOP WIDTH 22'
SPILLWAY CREST TO DAM CREST 2.7'
STORAGE CAPACITY 0.63 AC.FT.

JDR NO: 48-5663
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 RECONSTRUCTED.

ACAD 11/DCA
BOGART.DWG

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

BOGART (48-5663) RESERVOIR
AS BUILT

DESIGNED FIELD SURVEY 07/27/93 CRASTY, FRITZ & MARTINEZ
REVIEWED *Devin R. Hinkle*
APPROVED *George H. House*
CHIEF, BRANCH OF ENGINEERING

DRAWN: C.G. SCALE: 1"=100'
DATE: 08/06/93 SHEET 1 OF 1
DRAWING NO. OR-03-9172.45-335

NO. 12-73724
NO. 00027

AS BUILT MAP OF FRITZ (48-5910) RESERVOIR

RECEIVED

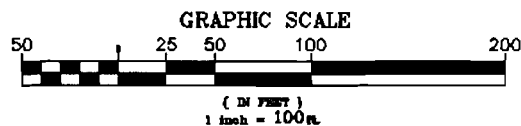
OCT 04 1993

WATER RESOURCES DIV.
SALEM, OREGON

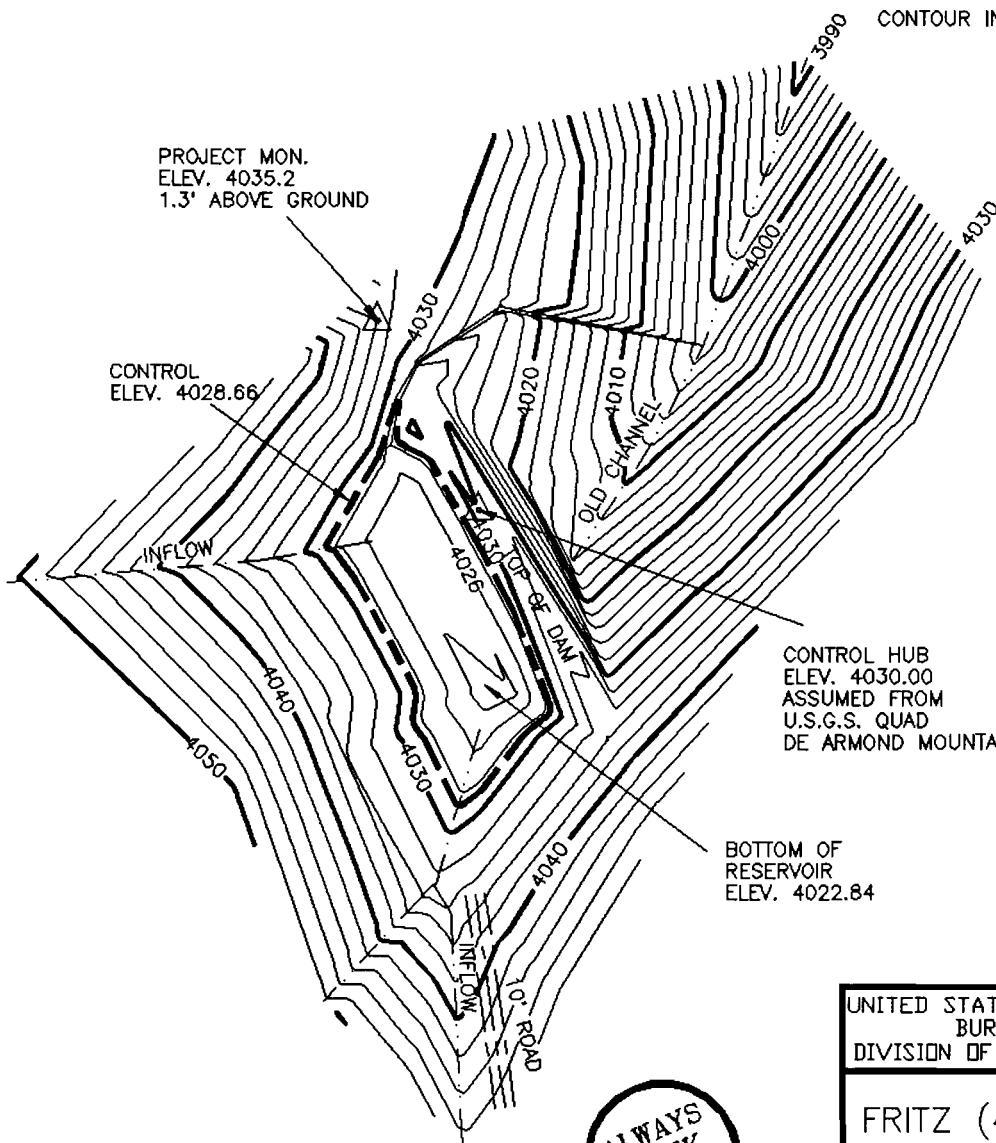
LEGEND

- 88 ——— CONTOUR & ELEV
- HIGH WATER LINE
ELEV. 4028.66
- CHANNEL
- ▲ MONUMENT
- ==== ROAD

NW 1/4 SW 1/4 SEC 5, T. 19S., R. 38 E., W.M.
U.S.G.S. QUAD -DE ARMOND MOUNTAIN, OREG.- 7 1/2'



CONTOUR INTERVAL = 2 FEET



DAM:
MAX. HEIGHT 12.8'
TOP WIDTH 5.5'
SLOPE UPSTREAM 3:1
SLOPE DOWNSTREAM 1 1/2:1
HT. ABOVE WATER LINE 1.34'
AREA SUBMERGED .24 ACRE
MAX. WATER DEPTH 5.8'

SPILLWAY:
BOTTOM WIDTH 2'
TOP WIDTH 15'
SPILLWAY CREST TO DAM CREST 1.8'
STORAGE CAPACITY 0.61 AC.FT.

JDR NO:48-5910
WATER RIGHTS
APP. NO.:
PERMIT NO.
CERTIFICATE NO.

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

FRITZ (48-5910) RESERVOIR
AS BUILT

DESIGNED FIELD SURVEY 7/27/93 GRASBY, FRITZ & MARTINEZ

REVIEWED *Deanna R. Fitchard*

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

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

DATE: 8/05/93 SHEET 1 OF 1

DRAWING NO. OR-03-9172.45-334

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 RECONSTRUCTED.

ACAD 11/DCA
FRITZ.DWG



CERTIFICATE NO.

0027

R-73724