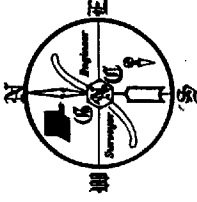


SW1/4SE1/4, SE1/4SW1/4, Section 16, Township 17 South, Range 44 East,  
 Tax Lot No. 17-44B-5300 & 5001  
 HAYMAKER GULCH

NOTE :

THIS RESERVOIR IS FILLED FROM HAYMAKER  
 GULCH, NATURAL AND IRRIGATION RUNOFF AND  
 FROM WATER FROM THE VALE IRRIGATION DIST.  
 WATER RIGHTS.



Scale: 1" = 1000'

APPLICATION No. R7784-R-801816

PERMIT No. \_\_\_\_\_

OKLHOM WATER RESOURCES DEPARTMENT  
 DAM SAFETY

APPROVED *[Signature]*

REVIEW Nov 2, 1995 DATE

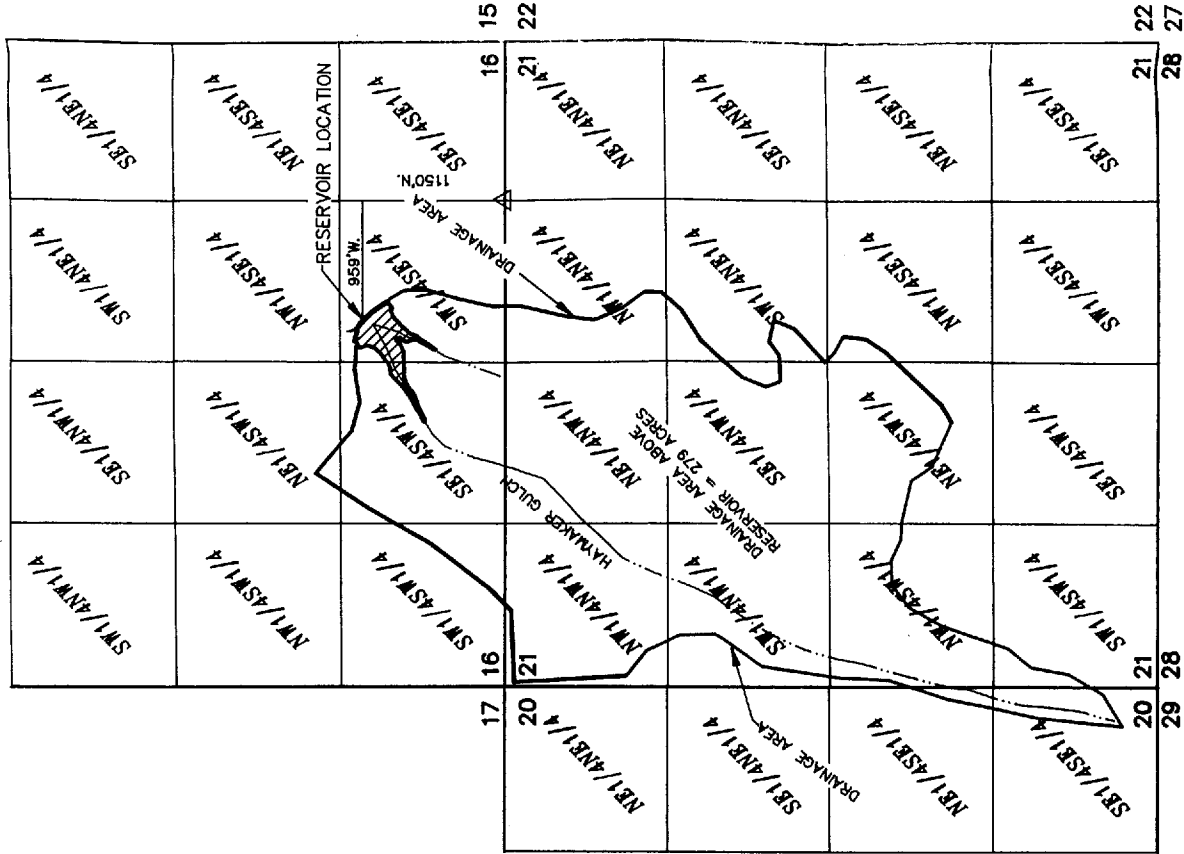
INDEX :



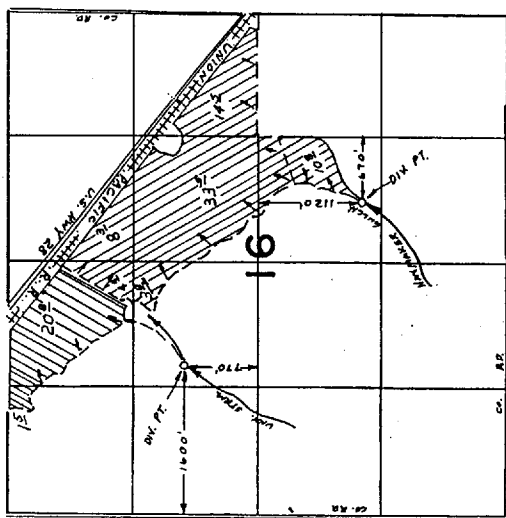
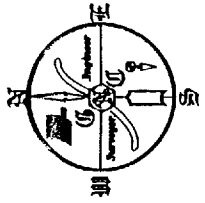
SHEET 1 : LOCATION & DRAINAGE  
 SHEET 2 : PLAN & CROSS SECTIONS

DAM APP. LOCATION & DRAINAGE MAP  
 FOR : **DAVID & MICHELE THOMAS**  
**GASCHLER & CUMMINGS**  
 CIVIL ENGINEERING & LAND SURVEYING  
 24055 512 / 278 BARNETT DR. SEASIDE, OREGON 97138

CHECKED BY: A.C. DRAWN BY: DKC APPROVED BY: AJR  
 DATE: 10/22/94 DRAWING NO. W039-A1-A552 REVISION:  
 SHEET 1 OF 2 JOB NO. WO-5394 BK. NO. 12PG. 4



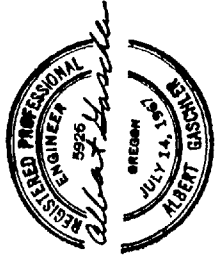
T.17S. R.44E. W.M.



SOURCE: UNNAMED STREAM  
 HAYMAKER GULCH  
 LANDS IRRIGATED BY HAYMAKER GULCH  
 AS SHOWN ON FINAL PROOF MAP  
 APP. NO. 37090 PERMIT NO. 83231

APPLICATION No. R-80186  
R-87844  
 PERMIT No. \_\_\_\_\_

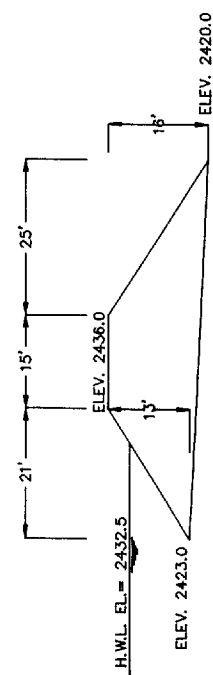
**RECEIVED**  
 JAN - 4 1995  
 WATER RESOURCES DEPT.  
 SALEM, OREGON



DAM APP. LOCATION & DRAINAGE MAP	
FOR: DAVID & MICHELE THOMAS	
GASCHLER & CUMMINGS	
CIVIL ENGINEERING & LAND SURVEYING	
P.O. BOX 414 / 700 S.W. MARKET, SALEM, OREGON 97301	
CHECKED BY: AJG	DRAWN BY: DKC
DATE: 10/10/84	APPROVED BY: AJG
DRAWING NO. W05234-03	REVISED:
SHEET 3 OF 3	JOB NO. W0-2034
	ENCL. 12 Pgs. 4

OUTLET STRUCTURE  
INV. ELEV. 2423.5

TOP OF DAM  
ELEV. 2436.0  
1150'N. & 959'W. FROM E1/16 CORNER  
SEC. 16 & 21, Twp. 17S., R. 44E., W.M.



**DAM X-SECTION AT LOW POINT**  
SCALE: 1" = 20'

ELEV.	VOLUME (ACRE-FT.)
2423	0.0
2424	0.3
2425	0.7
2426	1.4
2427	2.5
2428	4.0
2429	5.9
2430	8.2
2431	11.0
2432	14.2
2432.5	15.9

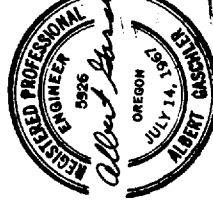
**DEPTH - CAPACITY**

**DAM PROFILE**  
HORIZ.: 1" = 100'  
VERT.: 1" = 10'

OVERFLOW  
18" PIPE  
INV. EL. 2432.5

TOP DAM EL. 2436.0

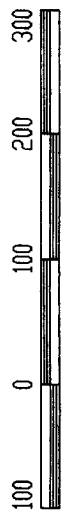
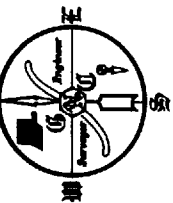
OVERFLOW 18" PIPE  
OUT EL. 2432.5



OREGON WATER RESOURCES DEPARTMENT  
DAM SAFETY  
APPROVED: *[Signature]*  
REVIEW: *[Signature]* 2/1/95  
DATE

HIGH WATER LINE AREA = 3.6 ACRES  
RESERVOIR WAS FILLED TO 2128 ELEVATION  
ON 10/6/94.

Application No. R-80186  
Permit No. R-77844



Scale: 1" = 100'

CONTOUR INTERVAL = 1 FOOT

**HAYMAKER GULCH**

DAM APP. FOR: **DAVID & MICHELE THOMAS**  
**GASCHLER & CUMMINGS**  
 CIVIL ENGINEERING & LAND SURVEYING  
 P.O. BOX 412 / 799 SUNSET DR., 699-2101, OREGON  
 CHECKED BY: A.L.G. DRAWN BY: D.K.C. APPROVED BY: A.L.G.  
 DATE: 10/12/94 DRAWING NO. W0834-A353 REVISION:  
 SHEET 2 OF 13 JOB NO. WO-8394 BK.WO-12.PC.4