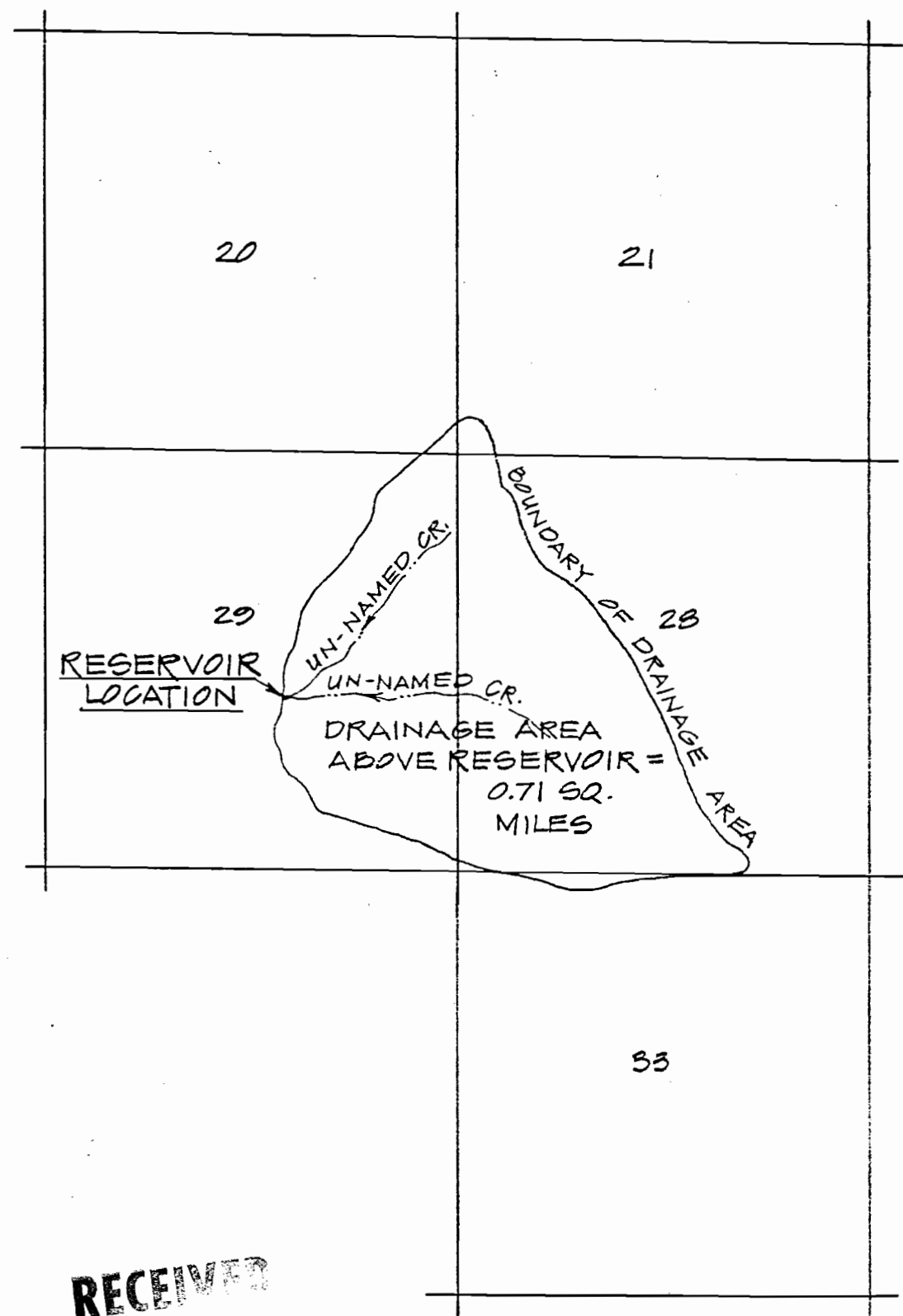


T. 31 S., R. 32 E., W.M.



RECEIVED
FEB 09 1996
WATER RESOURCES DEPT.
SALEM, OREGON

Application No. ^{Superseding} R-69355
Permit No. R11436

DEC 31 1991

WATERHOLE CANYON RESERVOIR

AN EXISTING RESERVOIR

LOCATED IN HARNEY COUNTY, OR.
OWNER: B.L.M., BURNS DISTRICT



INDEX

- SHEET 1 LOCATION MAP
- SHEET 2 PLAN
- SHEET 3 X-SECTIONS & PROFILES

WATER RESOURCES DEPARTMENT

APPROVED: Jan. 16 1992

William H. Young
DIRECTOR

B. T. Palmer
ENGINEER DAM SAFETY DIVISION

	B.L.M.		BURNS DIST.	
	LOCATION			
	WATERHOLE CANYON RESERVOIR			
	Scale: 1"=2000'	Date: NOV. 1991	Job: 1207-14	
	Dsn:		Sht. No. 1	
Drm: CHRIS	M. A. PALMER & SONS, INC. ENGINEERING & SURVEYING 254 N. Alder - Box 61 Burns, Oregon 97720		of 3	
Ckd:				

Application No. ^{supersession} R-69355
 Permit No. R11436

DEPTH-CAPACITY

EL. (FT)	VOLUME (ACRE-FT)
89.0	0.0
91.0	0.1
92.0	0.3
94.0	1.1
96.0	2.7
96.5	3.3

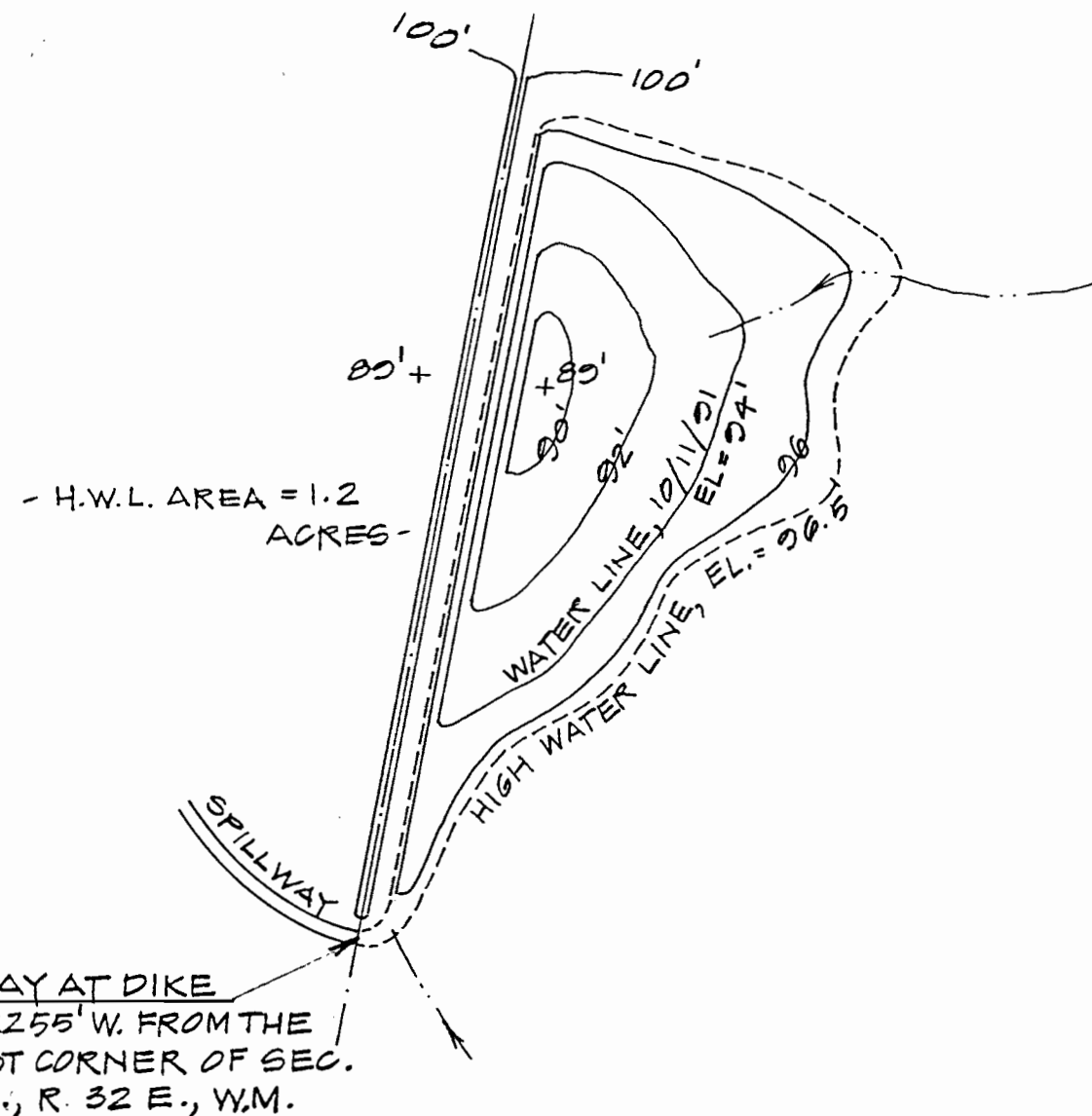
NOTES:

THIS EXISTING EARTH FILL STRUCTURE VISUALLY APPEARS TO BE ADEQUATE TO SERVE AS A RESERVOIR. THE BRUSH GROWING ON THE DIKE SHOULD BE REMOVED.

THIS EXISTING EARTH FILL STRUCTURE WAS NOT MY DESIGN OR BUILT UNDER MY SUPERVISION. THE EXISTING SPILLWAY IS LARGE ENOUGH TO PASS A 100 YEAR FLOOD WITH 2 FEET OF FREEBOARD. SOIL AND EMBANKMENT ANALYSIS AND OTHER CONSIDERATIONS MADE NEEDED PRIOR TO ISSUANCE OF THE "CERTIFICATE OF COMPLETION."

INSTALLATION OF A DRAINAGE PIPE MAY THREATEN THE INTEGRITY OF THE EXISTING EARTH FILL.

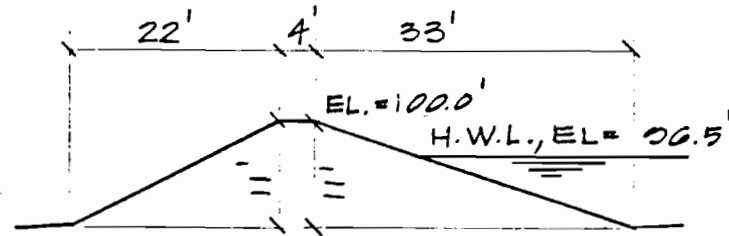
WILLIAM BEAL, DISTRICT 10 WATER MASTER, STATED ON NOV. 18, 1991 THAT THE WATER STORED IN THIS RESERVOIR IS NOT LIKELY NEEDED FOR DOWNSTREAM USE.



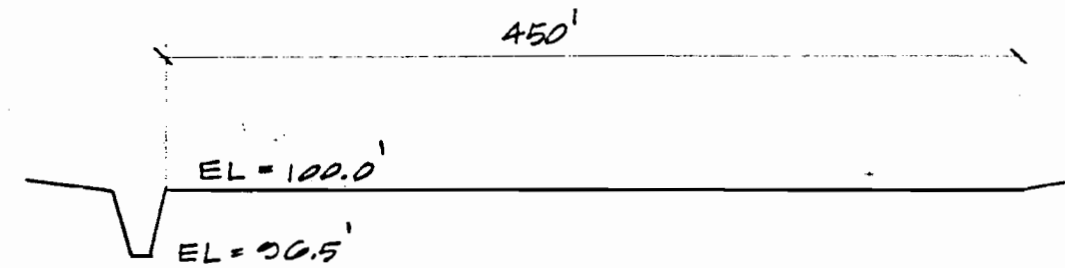
RECEIVED
 FEB 09 1996
 WATER RES. DIV.
 SALEM, OREGON

	B.L.M.		BURNS DIST.
	LOCATION MAP		
	WATERHOLE CANYON RESERVOIR		
	Scale: 1"=100'	Date: NOV. 1991	Job: 1287-14
	Dsn:	M. A. PALMER & SONS, INC. ENGINEERING & SURVEYING 254 N. Alder - Box 61 Burns, Oregon 97720	Sht. No.
Dm: CHRIS	of 3		
Ckd:			2

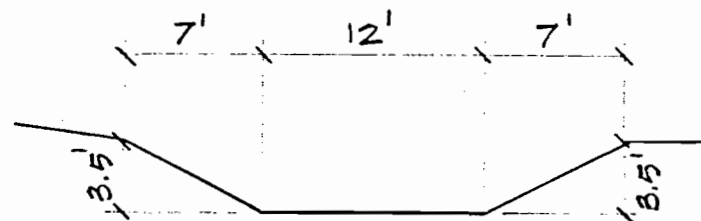
Application No. *R 69355*
 Permit No. **R11436**



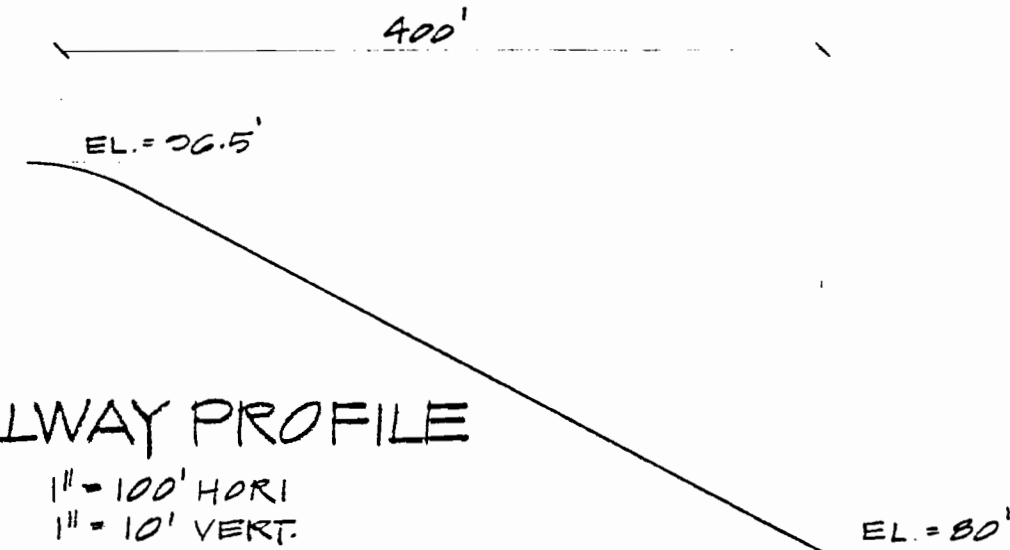
DAM X-SECTION AT CR. CHANNEL
 1" = 20'



DAM PROFILE
 1" = 100' HORI.
 1" = 10' VERT.



SPILLWAY X-SECTION AT & DAM
 1" = 10'



SPILLWAY PROFILE
 1" = 100' HORI.
 1" = 10' VERT.

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 WATER RESOURCES DEPT
 SALEM, OREGON

	B.L.M. BURNS DIST.	
	X-SECTIONS & PROFILES	
	WATERHOLE CANYON RESERVOIR	
	Scale: —	Date: NOV. 1991
	Job: 1287-14	Sht. No. 3
Dsn: Dm: CHRIS Ckd:	M.A.P.'s M. A. PALMER & SONS, INC. ENGINEERING & SURVEYING 254 N. Alder - Box 61 Burns, Oregon 97720	