

Existing Earth Dam & Pond As-built
for
Robert Barkdoll
Section 16 T.18S R.5 W.W.M.

Chapman Heights Road (Gravel)

S 89°46'58" E 2550.16'

36" CMP CULVERT

EXISTING PUMP HOUSE

TOP OF DAM

2-24" CMP OUTLET PIPES

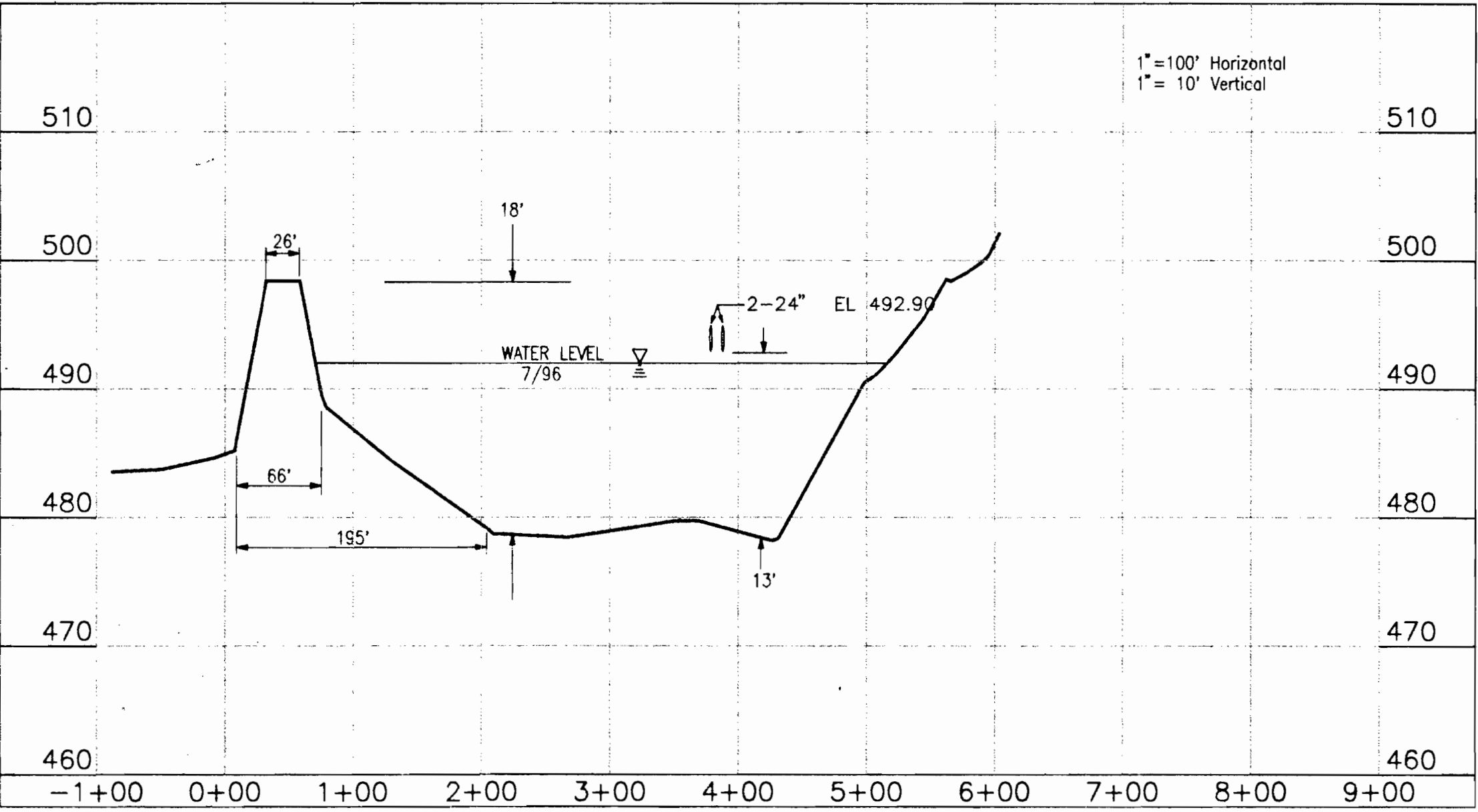
2-24" CMP OUTLET PIPES

HIGH WATER LEVEL = 493.08'
WATER LEVEL 7/26/96 = 492.08'

583.78' N88°49'55"W

SCALE 1" = 100'

Section A-A of Plan View



Area/Capacity Chart

Height	Area	Volume	Total Capacity
ft	acres	acre-feet	acre-feet
1	0.22	0.15	0.15
2	0.32	0.30	0.45
3	0.42	0.48	0.93
4	0.53	0.66	1.59
5	0.64	0.88	2.47
6	0.75	1.10	3.57
7	0.87	1.33	4.90
8	0.98	1.55	6.45
9	1.09	1.80	8.25
10	1.20	2.04	10.29
11	1.30	2.25	12.54
12	1.40	2.46	15.00
13	1.49	2.66	17.66
14	1.58	2.85	20.51
15	1.66	3.04	23.55
16	1.76	3.22	26.77
17	1.86	3.24	30.01
18	1.96	3.25	33.26

Area/Capacity vs. Height

Water surface 7/96
Overflow Outlet Elevation

DATE
24 Oct - 1996
REVIEW
APPROVED
OREGON WATER RESOURCES DEPARTMENT
DAM SAFETY

RECEIVED

OCT 14 1996
WATER RESOURCES DEPT.
SALEM, OREGON

SH

REVI

R-7469

Earth Dam & Pond As-built

ENGINEERS
LANDSCAPE
SURVEYORS
URBAN PLANNERS

DATE: Oct.
PROJECT No.
SCALE: HORIZ.
VERT.
DRAWN BY:
DESIGNED BY:
CHECKED BY:



L. B. OLSON & ASSOC.
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