






WATER RESOURCES DEPT.
SALEM, OREGON
LEGEND:

-  PERMIT 40276, CERTIFICATE 51833
-  CERTIFICATE 34533 WITH SUPPLEMENTAL CERTIFICATE 34587.
-  PERMIT 43971, CERTIFICATE 67135
-  AREA TO BE TRANSFERRED IN (19.3 AC.)
13.1 AC. (PERMIT 43971, CERT. 67135 & 6.2 AC. (CERT. 34533)
-  AREA TO BE TRANSFERRED OUT (19.3 AC.)
13.1 AC. (PERMIT 43971, CERT. 67135 & 6.2 AC. (CERT. 34533)



 AREA TO 13.1 AC.

TAX LOT 701

10.1 AC. (PER. 43971)

2.3 AC. (CERT. 34533)

11.5 AC. (PER. 43971 CERT. 67135)

7.8 AC. (CERT. 34533)

TAX LOT 700

1.6 AC. (PER. 43971 CERT. 67135)

6.2 AC. (CERT. 34533)

7.8 AC.

TAX LOT 1800

TAX LOT 1700

WATER RIGHT
SCALE 1" = 400'

APPLICATION No. _____
PERMIT No. _____
IN THE NAME OF:
EDWIN CONKLIN
DATE: MAY 1, 1997

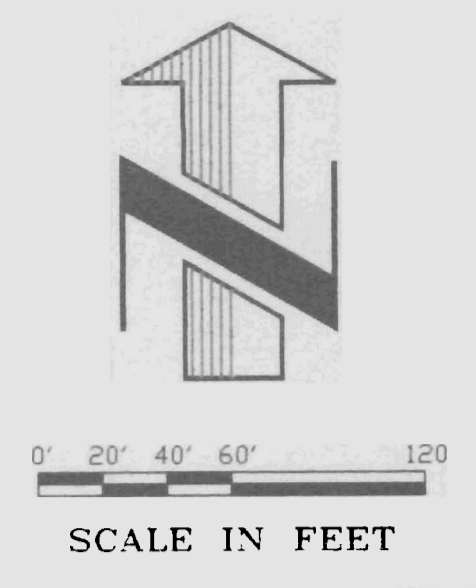
BY: TENNESON ENGINEERING CORP.
409 LINCOLN STREET,
THE DALLES, OREGON 97058
PH. 541-296-9177
FAX 541-296-6657

NOTE:
THIS MAP IDENTIFIES THE LOCATION OF THE WATER RIGHT ONLY AND IS NOT INTENDED TO DEFINE BOUNDARIES OR LOCATE PROPERTY OWNERSHIP LINES.

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WATER RIGHT
FOR EDWIN CONKLIN
IN THE SECTIONS 5, 6, 7 AND 8,
TOWNSHIP 5 SOUTH, RANGE 12 EAST, W.M.,
WASCO COUNTY, OREGON

DATE: _____ AC. _____
BY: _____



NOTE:

- 1) OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON NOTIFICATION CENTER IS (503) 232-1987).
- 2) CONTRACTOR TO FIELD VERIFY INVERTS & UTILITY CROSSINGS. NOTIFY ENGINEER OF ANY DISCREPANCIES.
- 3) ALL WORK TO CONFORM TO STANDARD CONSTRUCTION PRACTICES AND ATTACHED SPECIFICATIONS.

STORE (YEAR-ROUND) 9.1 ACRE-FEET OF WATER DURING THE IRRIGATION SEASON. THE OWNER MAY FILL THE RESERVOIR, USING WATER RIGHTS FROM THE "LOST AND BOULDER DITCH COMPANY," AS A BULGE IN THE LINE. AT THIS TIME THE OWNER INTENDS TO VARY THE STORAGE VOLUME PER THE AFOREMENTIONED INFORMATION, BUT WILL EVENTUALLY FILE FOR ADDITIONAL STORAGE RIGHTS AFTER "AS-BUILT'S" OF STRUCTURE TO DETERMINE ACTUAL VOLUMES HAVE BEEN COMPLETED.

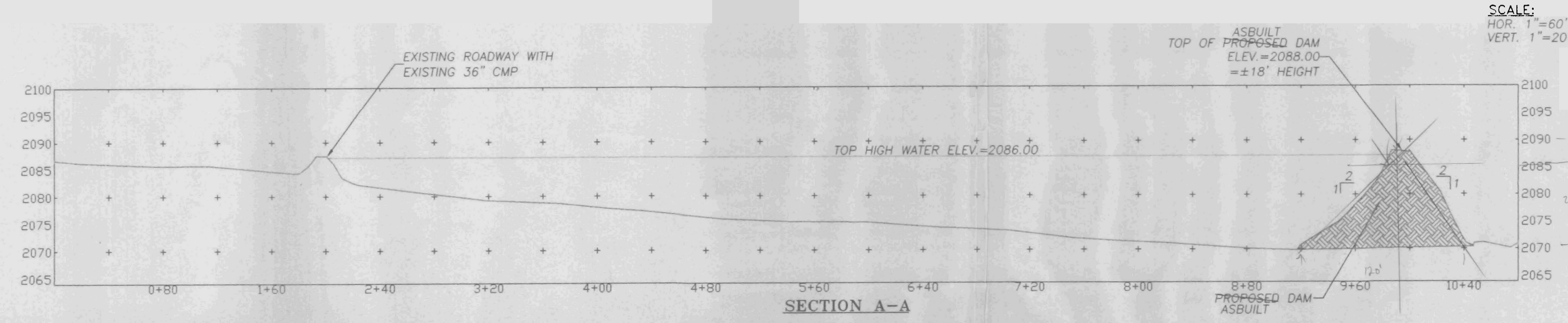
"THESE RECORD DRAWINGS HAVE BEEN COMPILED FROM THE CONSTRUCTION DESIGN DRAWINGS, SUBSEQUENT ADDENDA AND CHANGE ORDERS, CONTRACTOR RECORD DRAWINGS, SUBMITTALS AND OTHER RECORD DRAWINGS. TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THESE DRAWINGS ARE REPRESENTATIVE OF THE PROJECT AS CONSTRUCTED."

TENNESON ENGINEERING CORP.



	PROPOSED MANHOLE
	EXISTING SANITARY SEWER
	PROPOSED SANITARY SEWER
	EXISTING STORM SEWER
	PROPOSED STORM SEWER
	EXISTING CATCH BASIN
	PROPOSED CATCH BASIN
	CLEAN OUT
	EXISTING WATER LINE
	PROPOSED WATER LINE
	FIRE HYDRANT
	WATER VALVE
	BLOW-OFF VALVE
	NATURAL GAS LINE
	TELEPHONE CABLE
	TELEVISION CABLE
	OVERHEAD POWER LINE
	WM = WATER METER
	EXISTING CONTOUR LINE
	PROPOSED FINISHED CONTOUR LINE
	SET 5/8" DIA. x 30" IRON ROD WITH YELLOW PLASTIC CAP, #872
	FOUND MONUMENTS, AS NOTED
	CALCULATED CORNER, NOT SET.
	EXISTING GROUND ELEVATION
	FINISHED ELEVATION
	TP = TOP OF CURB ELEVATION
	GUT = GUTTER ELEVATION AT PAVEMENT

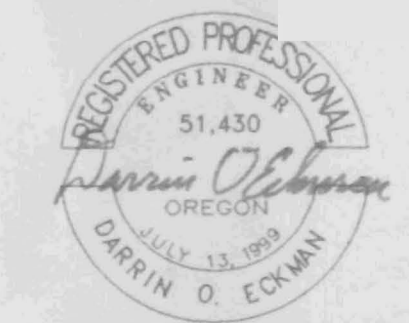
NOTE: ALL OTHERS AS NOTED ON PLAN



SCALE:
HOR. 1"=60'
VERT. 1"=20'

RECEIVED
DEC 28 1999

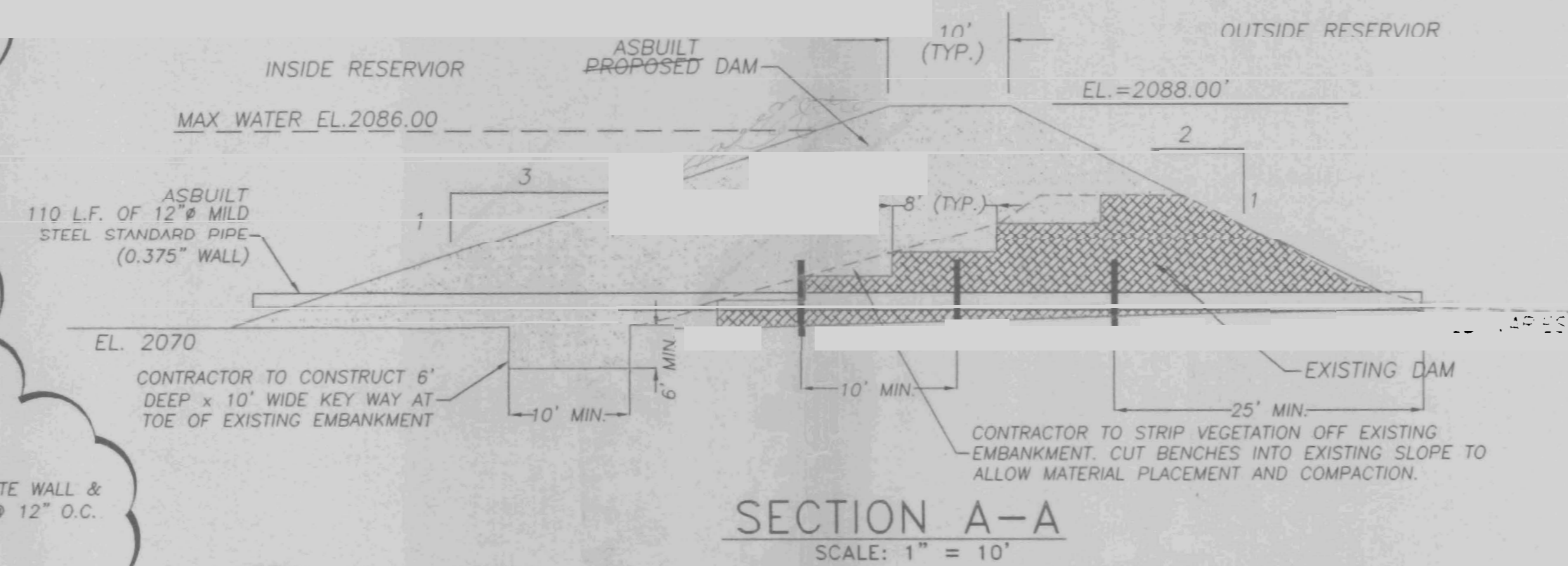
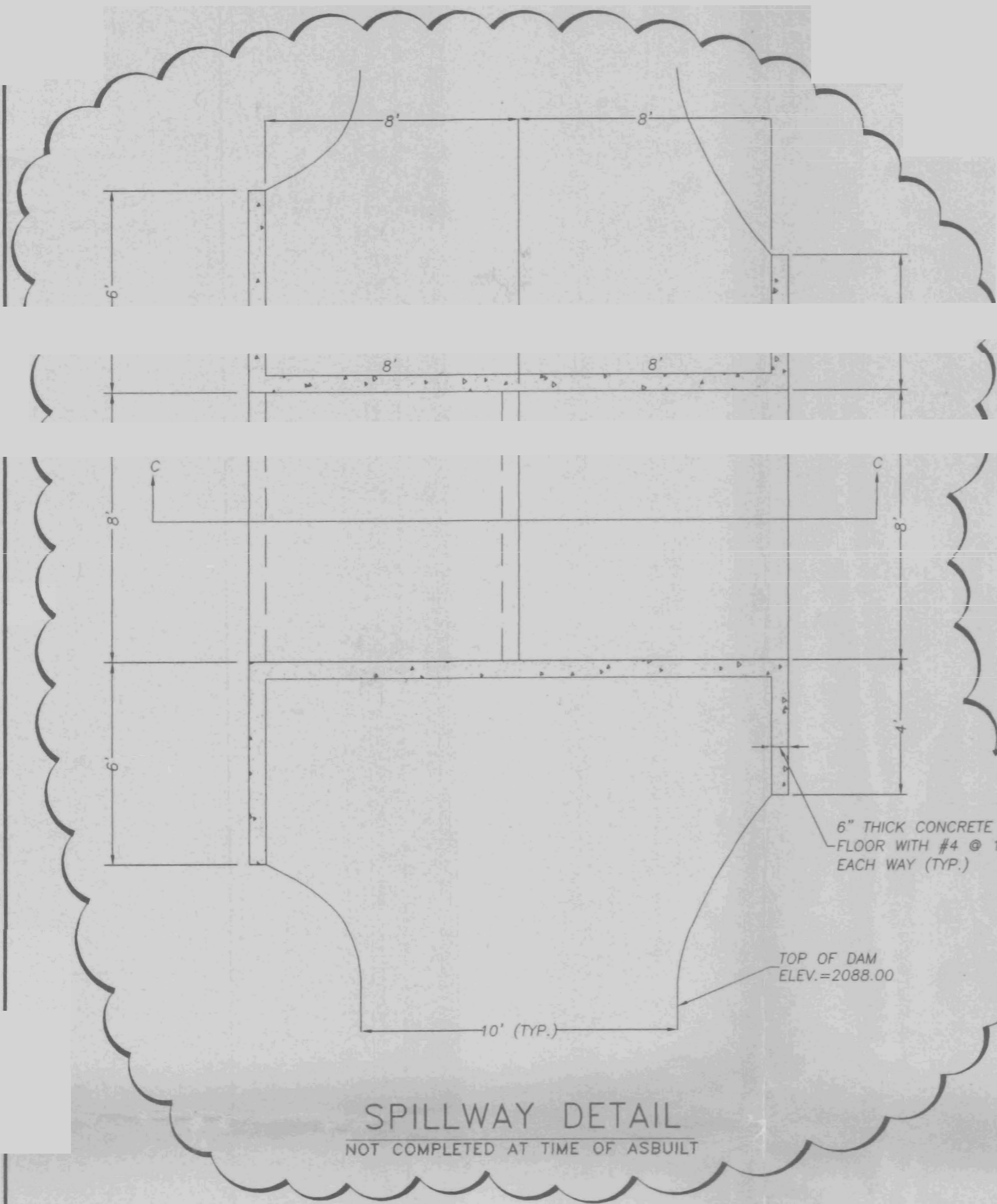
WATER RESOURCES DEPT.
SALEM, OREGON



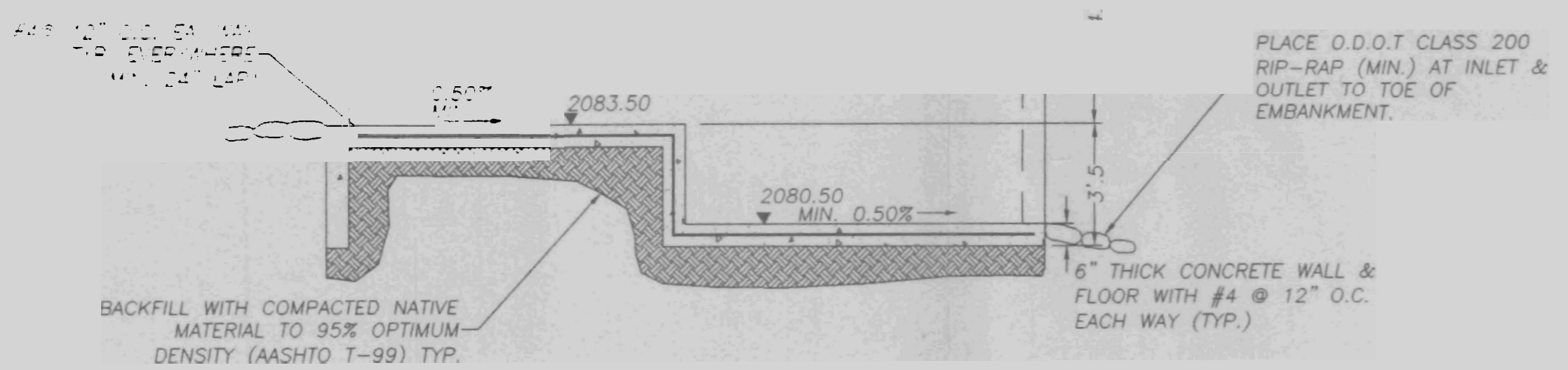
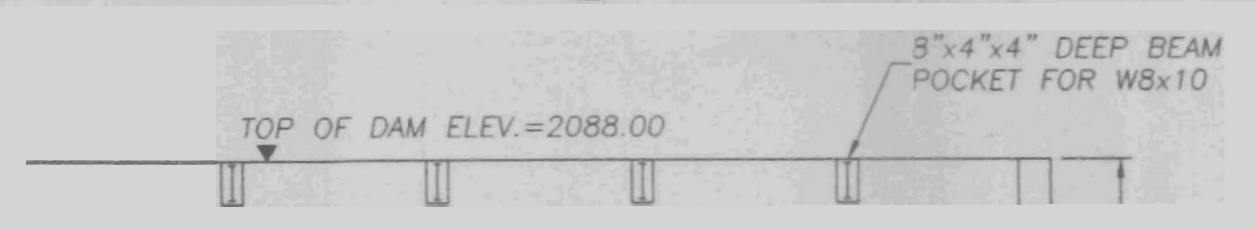
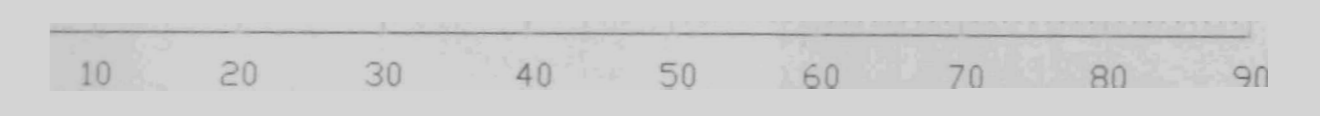
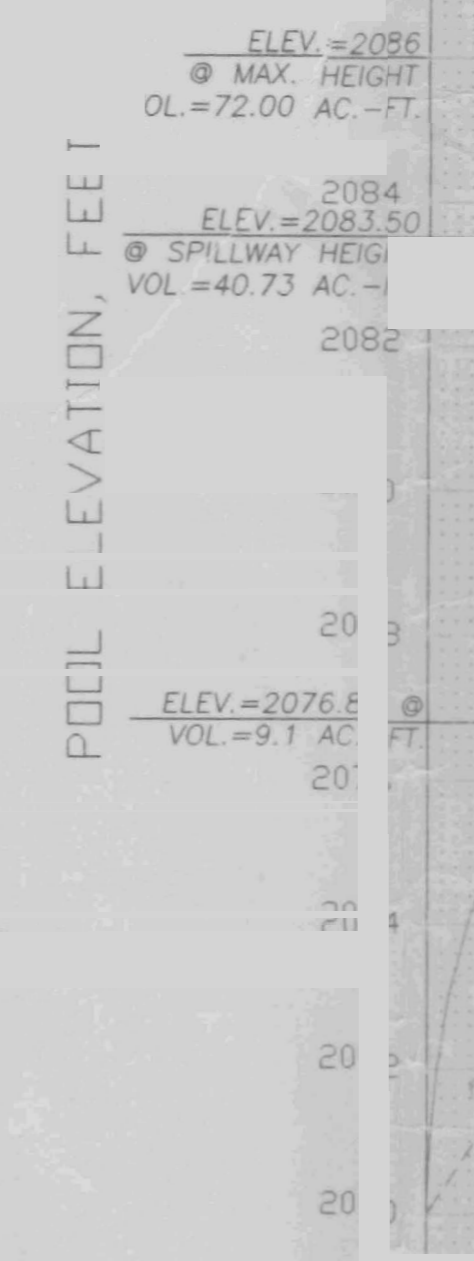
EDWIN VAN CONKLIN
REGISTERED PROFESSIONAL ENGINEER
WASCO COUNTY, OREGON

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CONSULTING ENGINEERS
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Survey	Design	Checked	Date	Scale
B.R.H.	D.O.E.	DOE	12/16/98	1"=80'
Drawn	DWG. No.	Approved	Work Order No.	Sheet
D.L.B.	S9358NE	DOE	9358	2 of 3

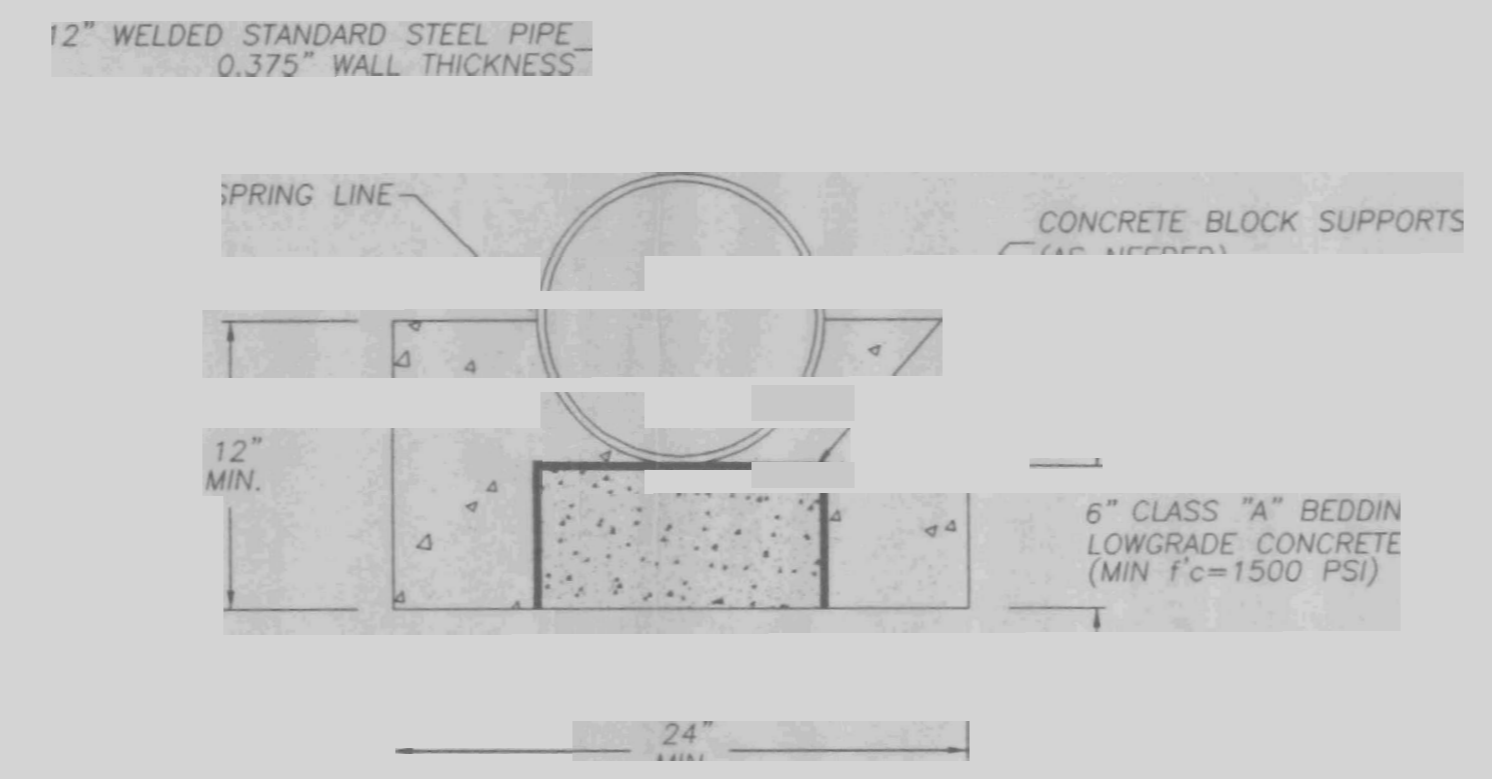


NOTES:
 1) COMPACTION 95% DENSITY SEE SPEC'S, EMBANKMENT SECTION "A", "EMBANKMENT CONSTRUCTION, GENERAL"
 2) SEED ALL SLOPES. SEE SPEC'S, EMBANKMENT SECTION "C", "SEEDING".



SECTION C-C

O.D.O.T. CLASS 200 RIP-RAP GRADATION	
SIZE OF ROCK	PERCENT
0-8	10%
8-80	40%
80-140	30%
140-200	20%



SECTION B-B
NOT TO SCALE

NOTE:
 PLACE STEEL PIPE IN CLASS "A" BEDDING THE ENTIRE LENGTH OF PIPE UNDER THE DAM EMBANKMENT.

CALCULATED RUNOFF FROM 440 AC OF PASTURE LAND.
 A=440 AC. C=0.25 GRASS RAINFALL INTENSITY, I 1.1 IN./HR. 100 Yr
 AVG. SLOPE 3%
 $Q = AC^0.77 I^{1.49}$
 $Q = (440)(0.25)^{0.77} (1.1)^{1.49}$
 $Q = 121 \text{ C.F.S.}$
 SPILLWAY = 200 C.F.S. > Q = 121 C.F.S.
 DEP 1 @ 12" = 1.76 FT. < 4.5 FT. - 2.0 FT.
 = ELEV. 2085.26 < ELEV. 2086.00

AS-BUILT JUNE 1999

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TENNESON ENGINEERING CORP.



DETAILS & GRAPHS	
NO.	DATE
80-140	JUN
140-200	20%

DEC 28 1999