

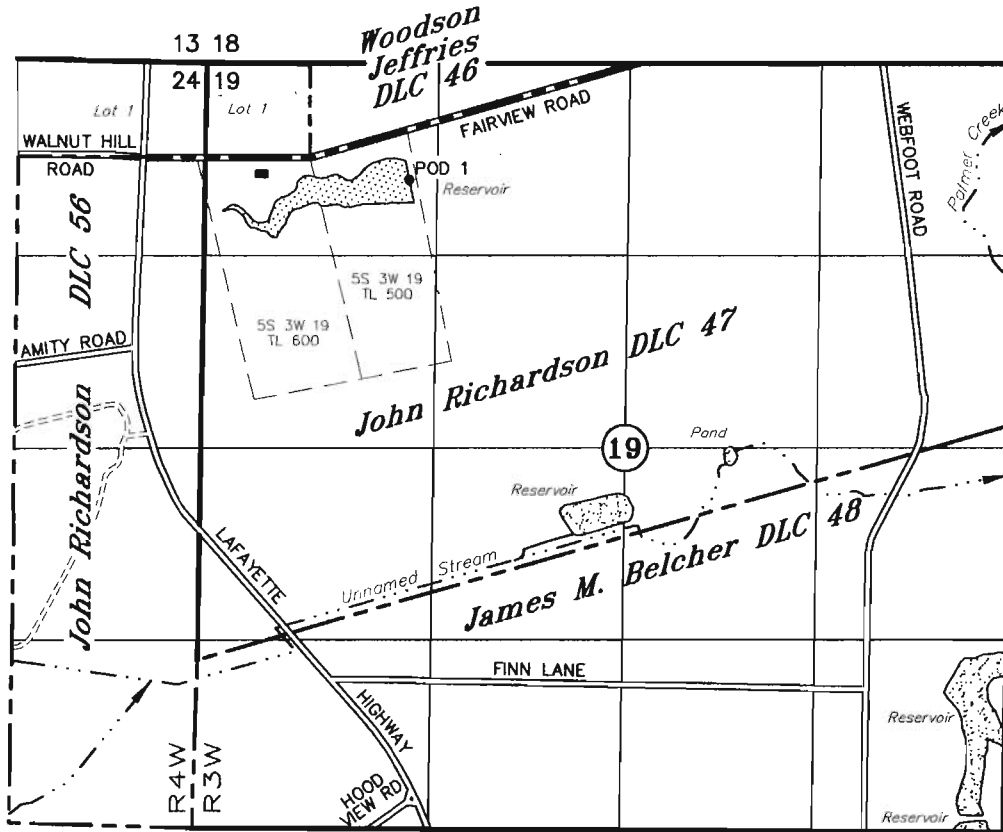
T5S R3W, WM

YAMHILL COUNTY

RECEIVED

MAR 04 2011

WATER RESOURCES DEPT
SALEM, OREGON



--- TAX LOT LINE

POD 1: 150' S & 690' E OF SW COR JEFFRIES DLC 46

APPLICATION TO CONSTRUCT A RESERVOIR

(STANDARD)
(ENLARGEMENT)
UNDER

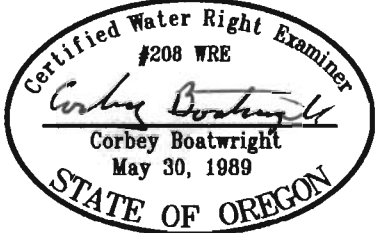
Application No. _____ Permit No. _____

IN THE NAME OF

MONTE WOOD

FEBRUARY 11, 2011
SCALE: 1" = 1320'

NOTE: This map is not intended to provide legal dimensions or locations of property ownership lines.



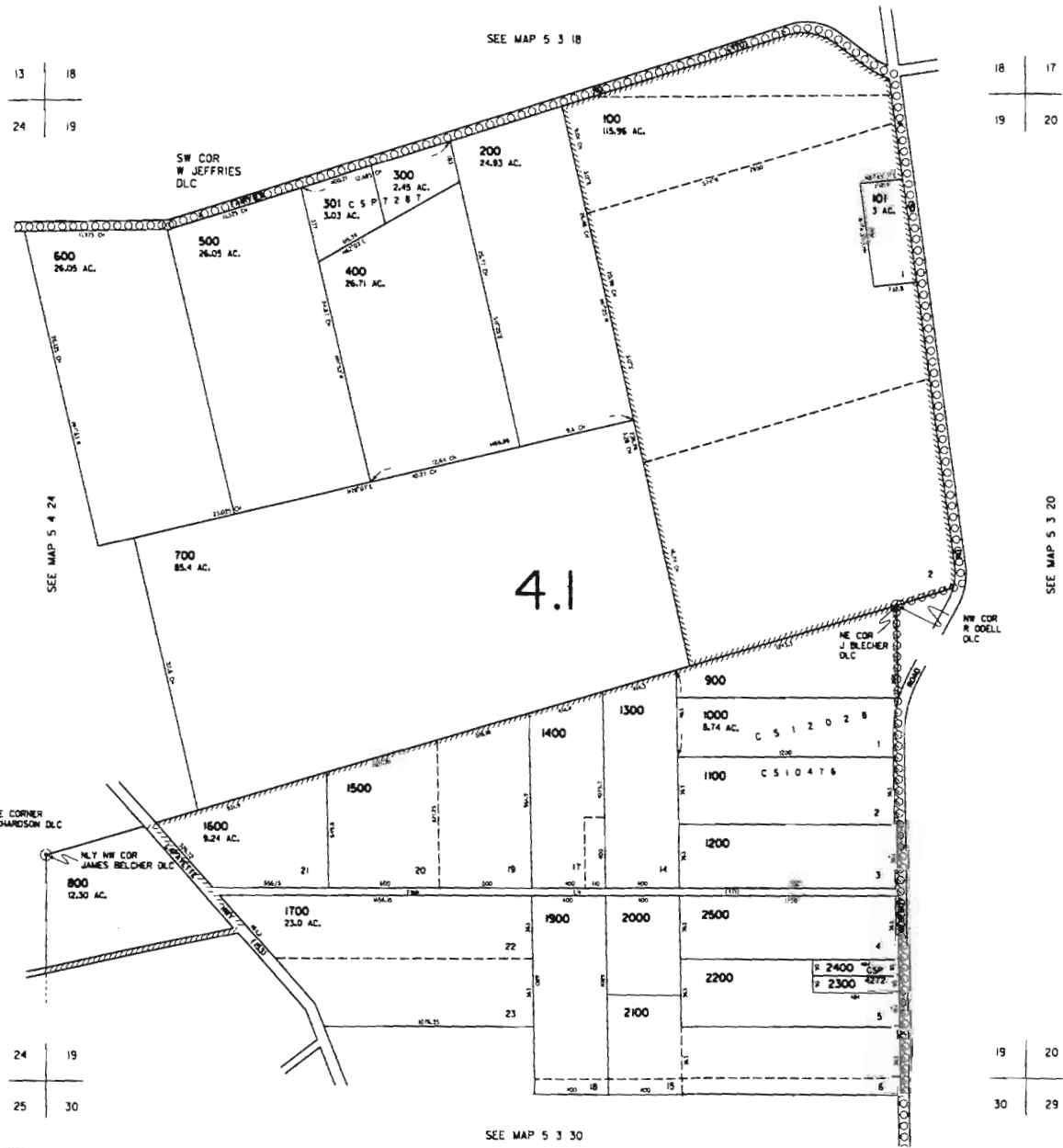
EXPIRES 12-31-11

THIS MAP WAS PREPARED FOR
ASSESSMENT PURPOSE ONLY

SECTION 19 T5S R3W W.M.
YAMHILL COUNTY
1" = 400'

5 3 19

CANCELLED
1800



REVISED 05-28-190 21

RECEIVED
MAR 04 2011
WATER RESOURCES DEPT
SALEM, OREGON

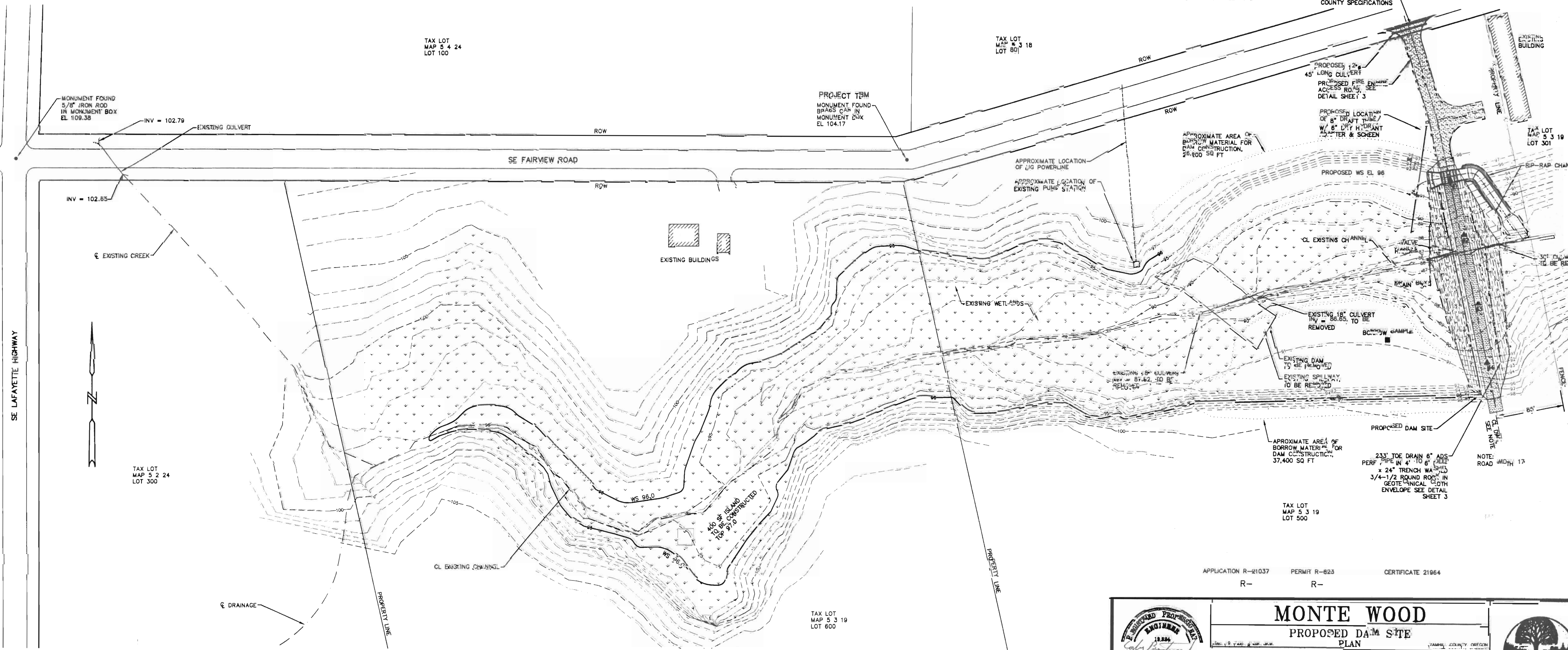
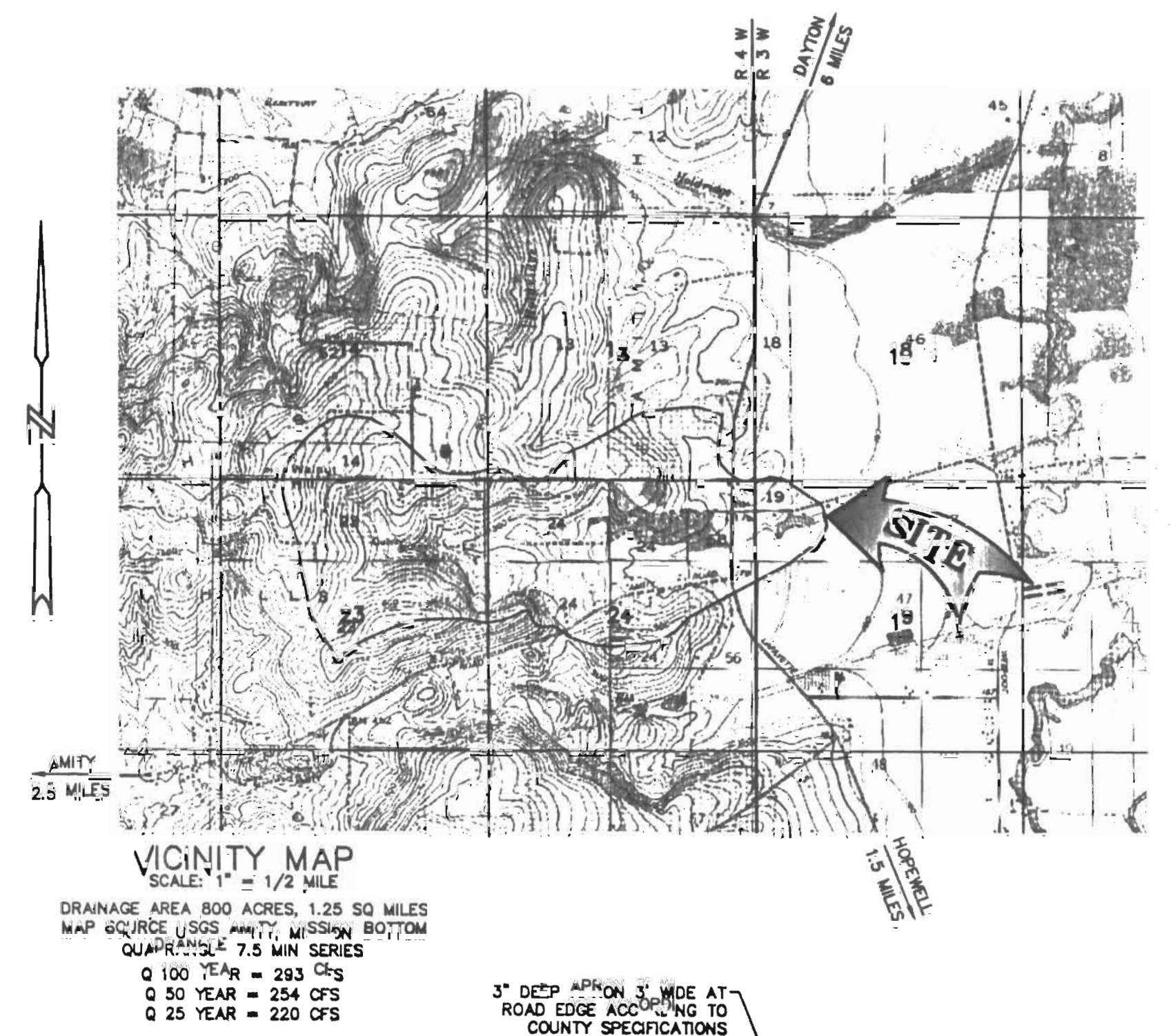
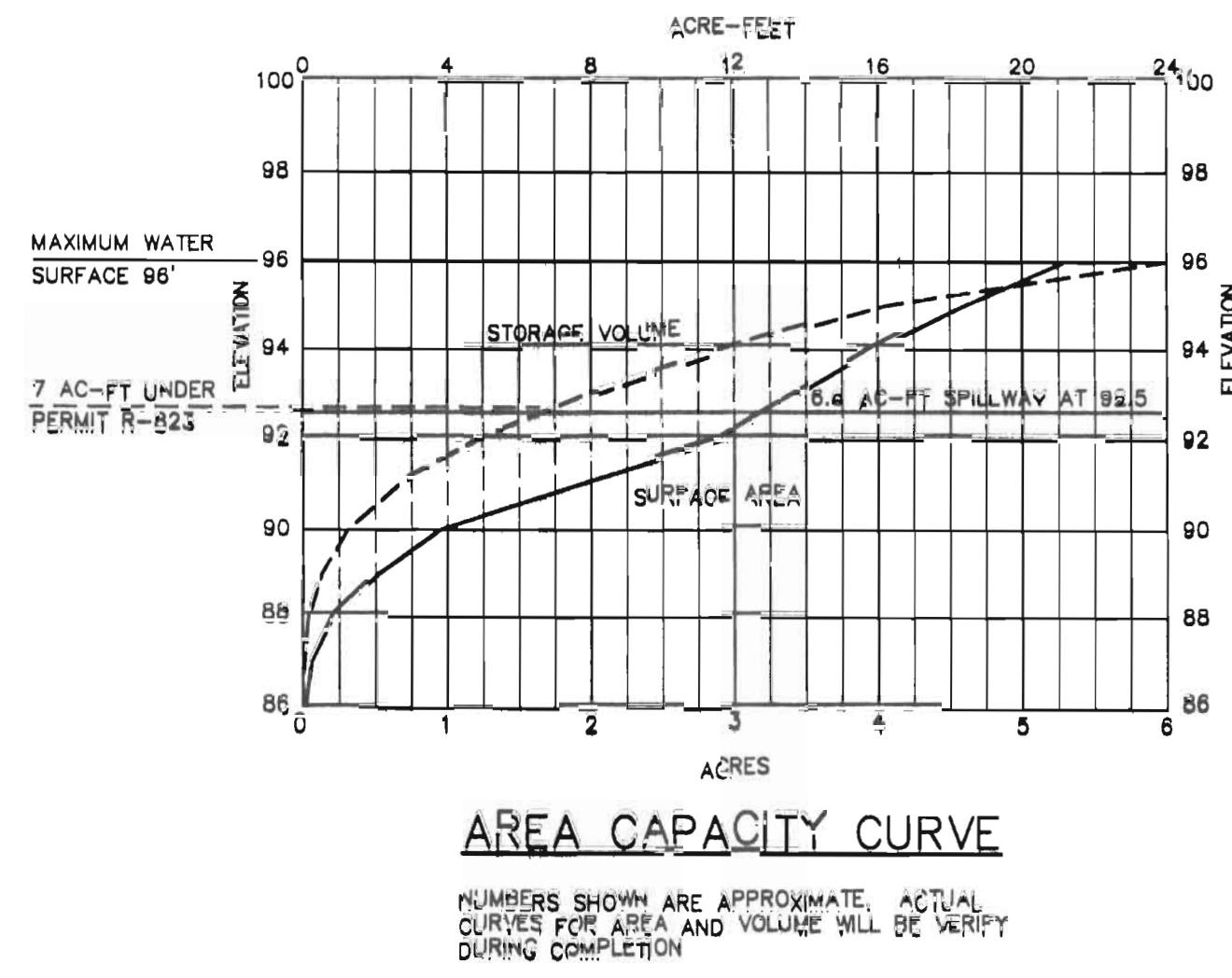
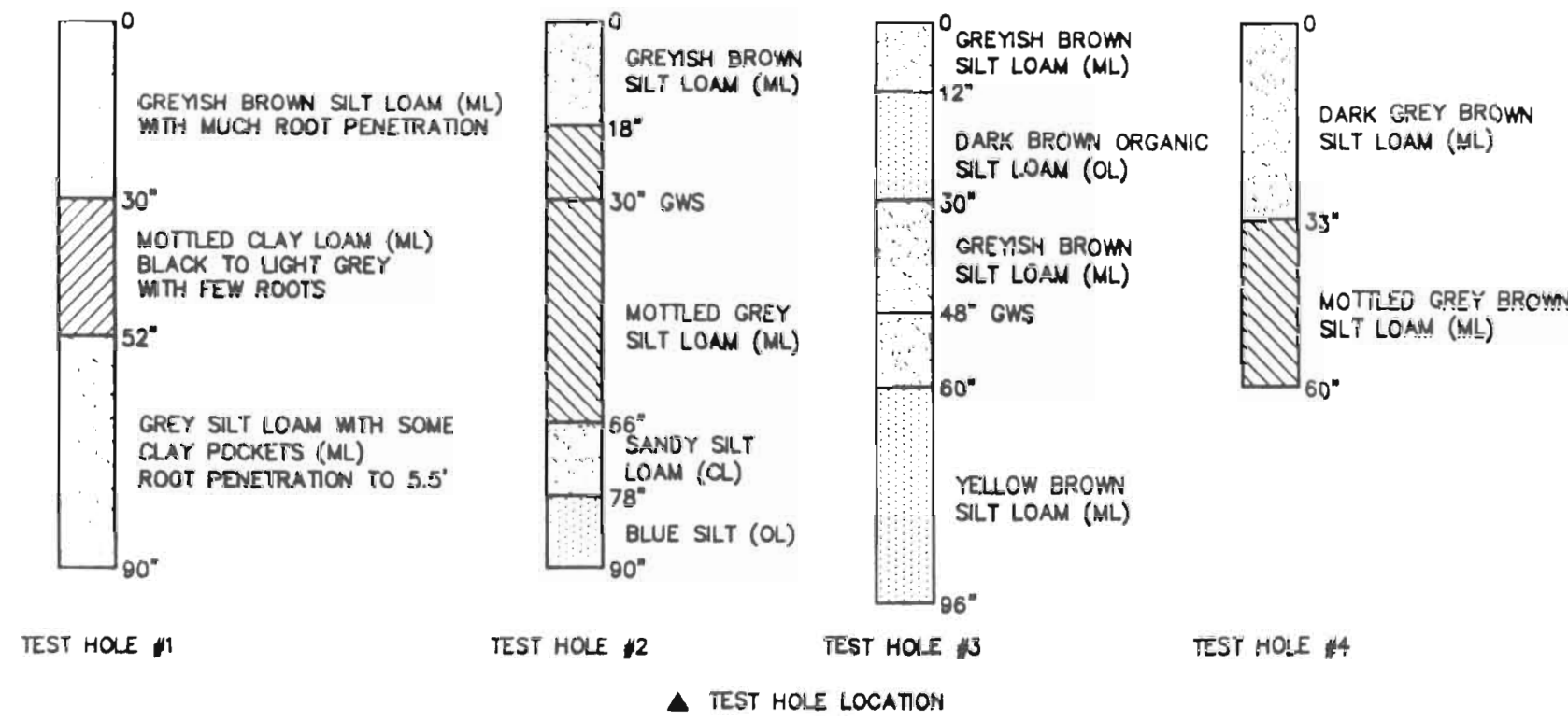
5 3 19

BORROW AREA SAMPLE TEST RESULTS

SAMPLE #1 - 18" TO 36" DEEP
 OPTIMUM MOISTURE = 28.5 %
 MAXIMUM DENSITY = 87.5 #/FT³
 LIQUID LIMIT = 50.5 %
 PLASTIC INDEX = 10.8 %

SAMPLE #2 - 4' TO 5' DEEP
 OPTIMUM MOISTURE = 25.0 %
 MAXIMUM DENSITY = 92.0 #/FT³
 LIQUID LIMIT = 46.4 %
 PLASTIC INDEX = 10.8 %

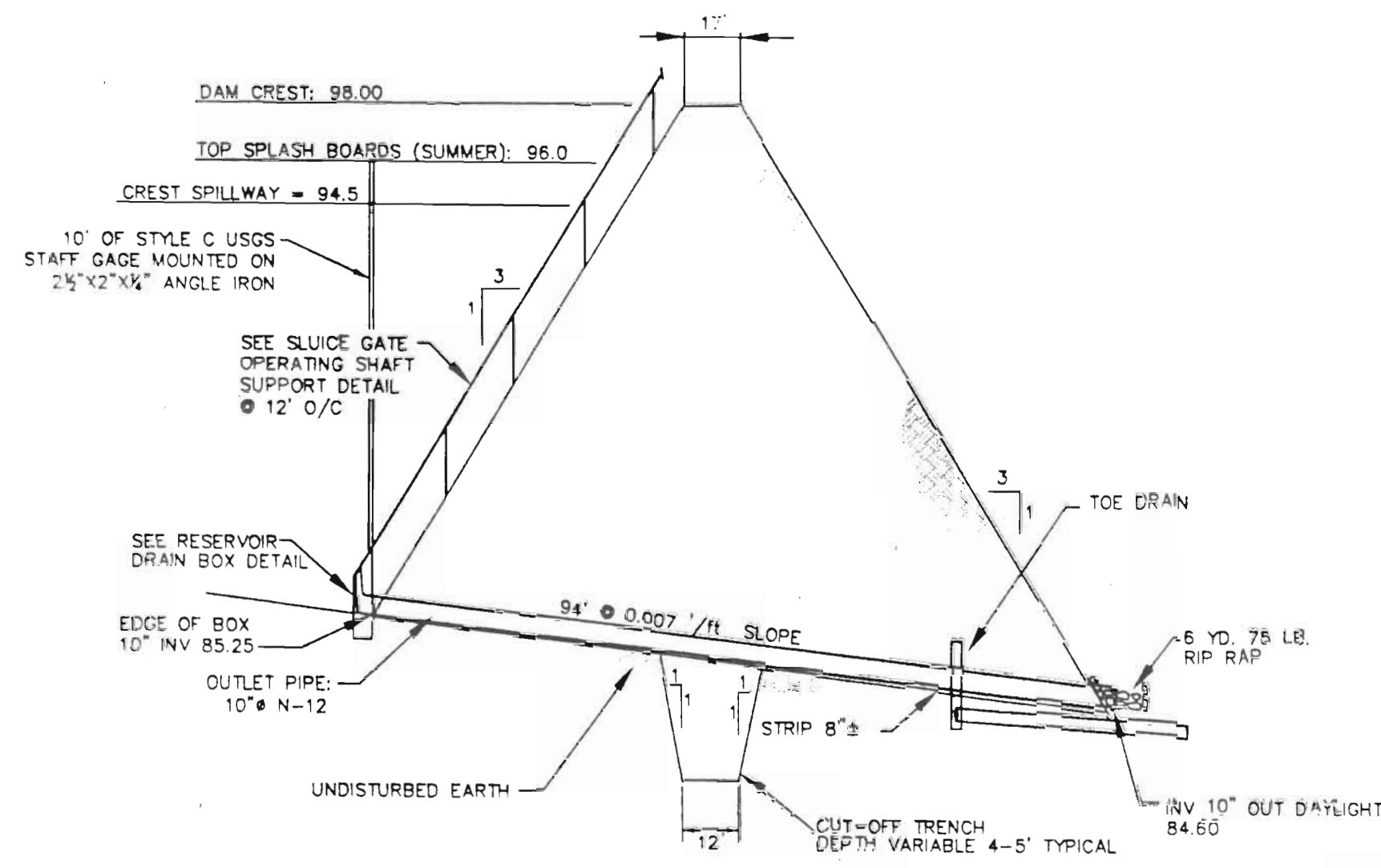
TEST HOLE LOG



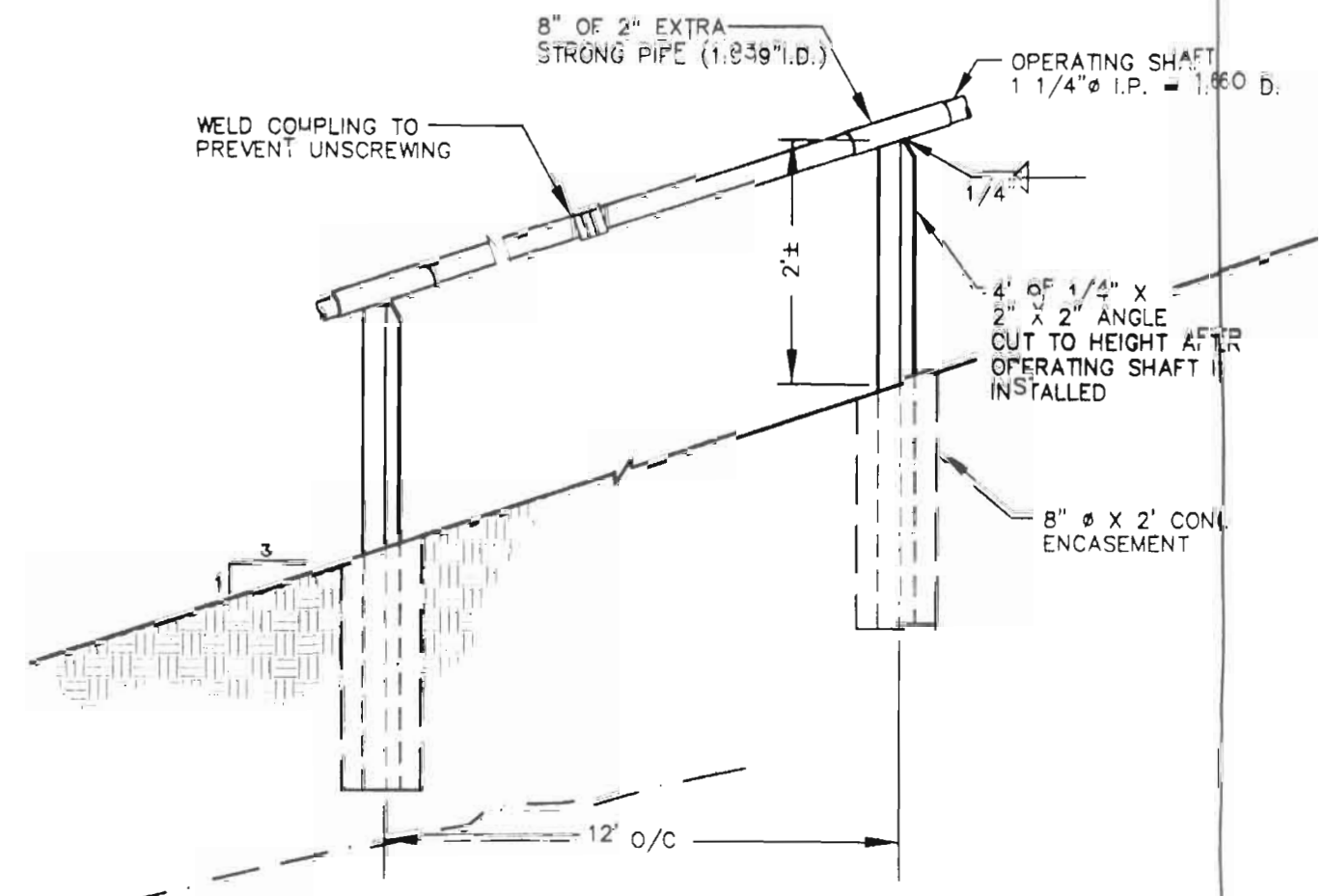
APPLICATION R-21037 PERMIT R-823 CERTIFICATE 21964
 R- R-

MONTE WOOD
 PROPOSED DAM SITE PLAN
 YAMHILL COUNTY, OREGON

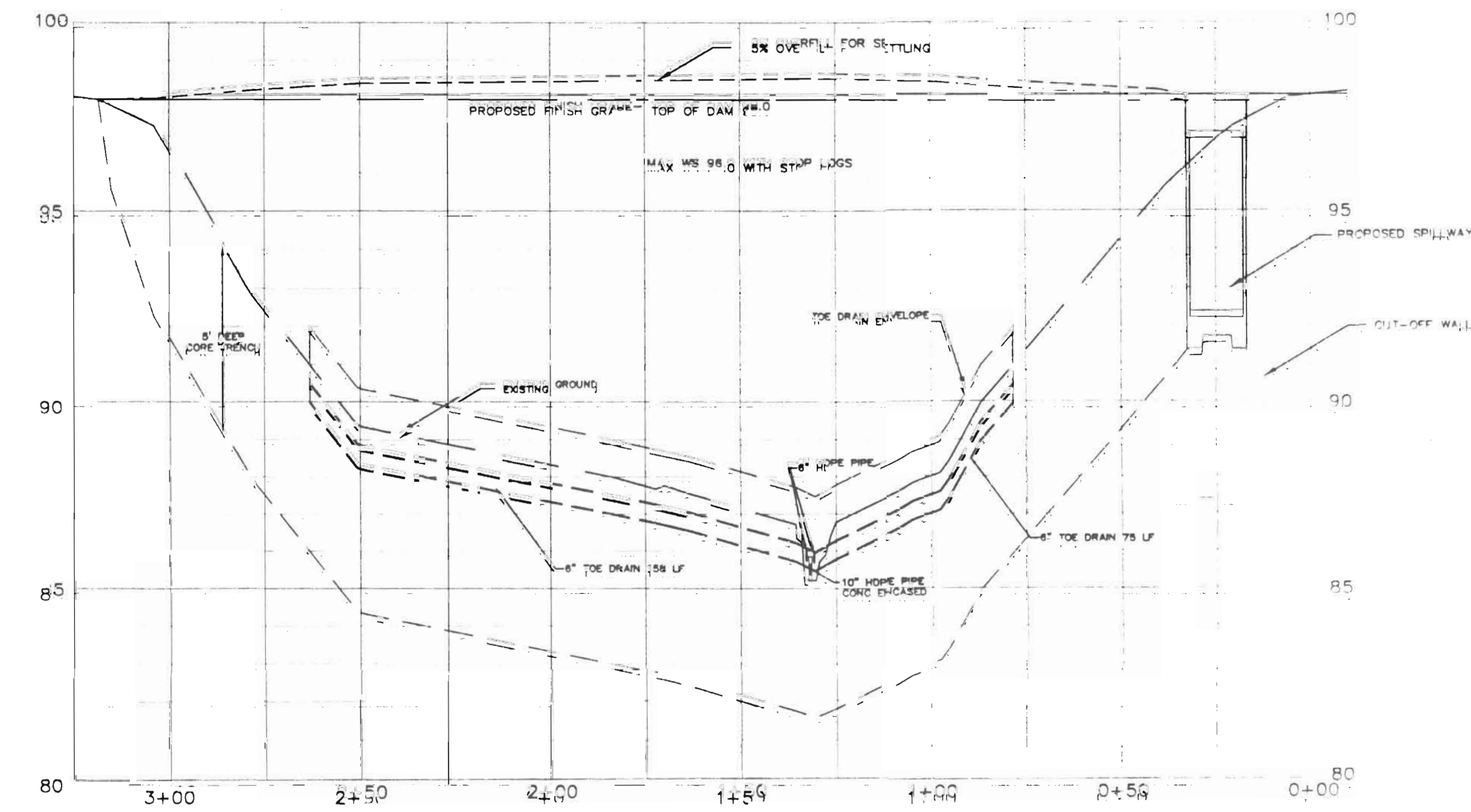
Scale: 1" = 60' Date: DEC 2, 2010
 Design: CFB Boatwright Engineering, Inc. Job No. 08-33
 Drawn: MRP 2613 12th Street SE, Astoria, OREGON 97102 Sheet
 TEL: (503) 325-9227 FAX: (503) 363-0511
 Chkd: CFB EXPIRES 12/31/11 1 of 3



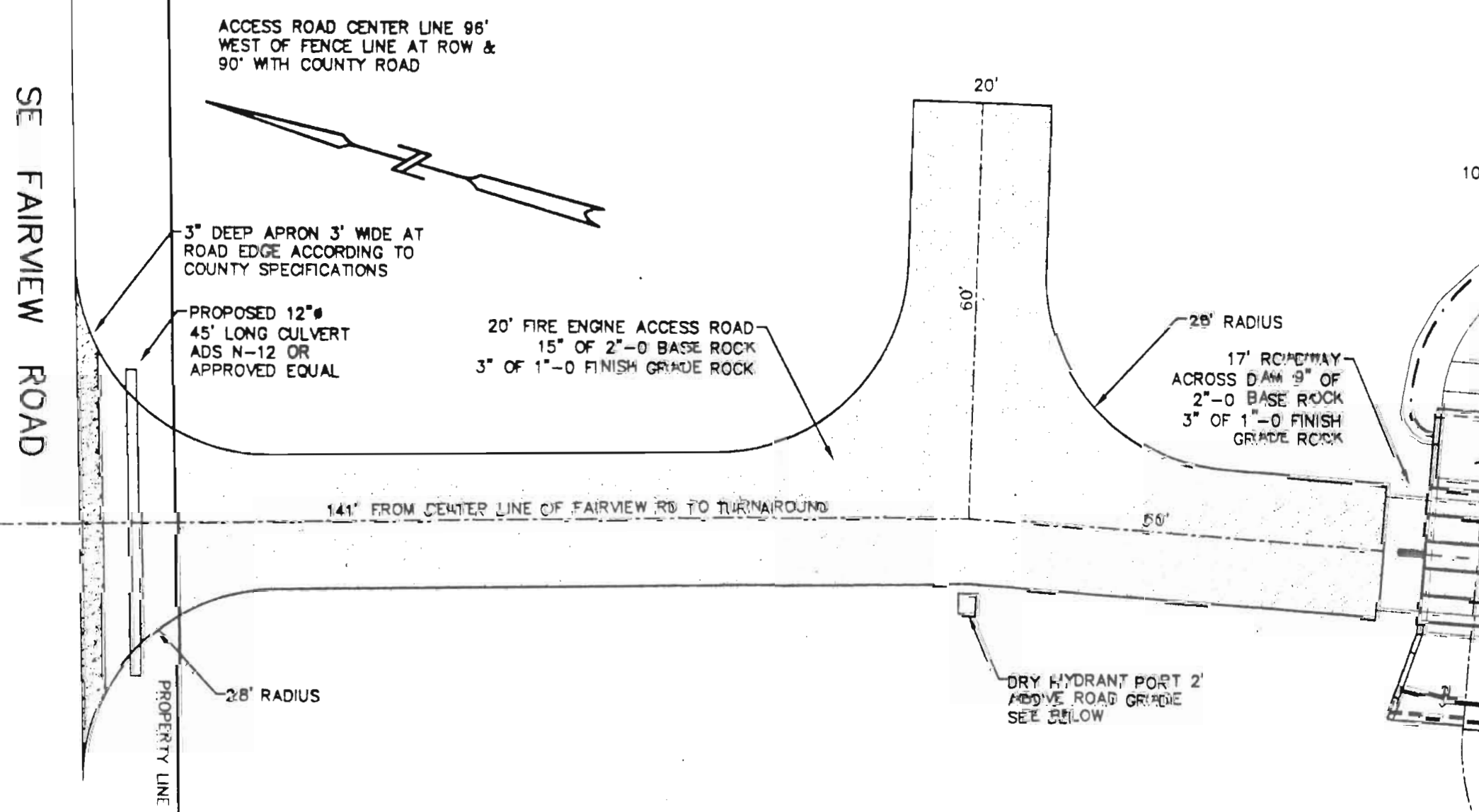
TYPICAL DAM SECTION
 NOT TO SCALE



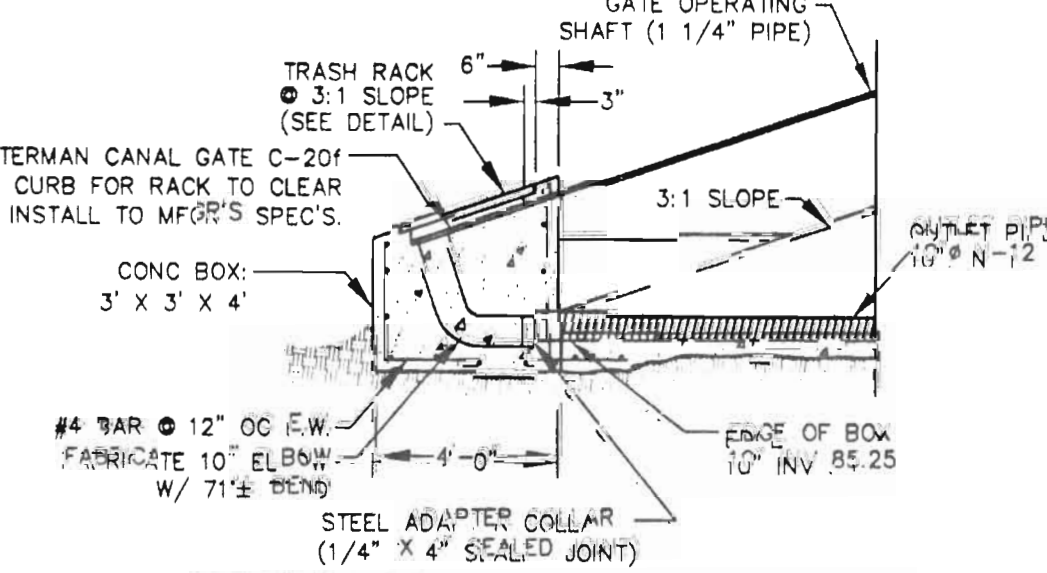
SLUICE GATE OPERATING SHAFT SUPPORT
 DETAIL @ 12' MAX O/C
 NOT TO SCALE



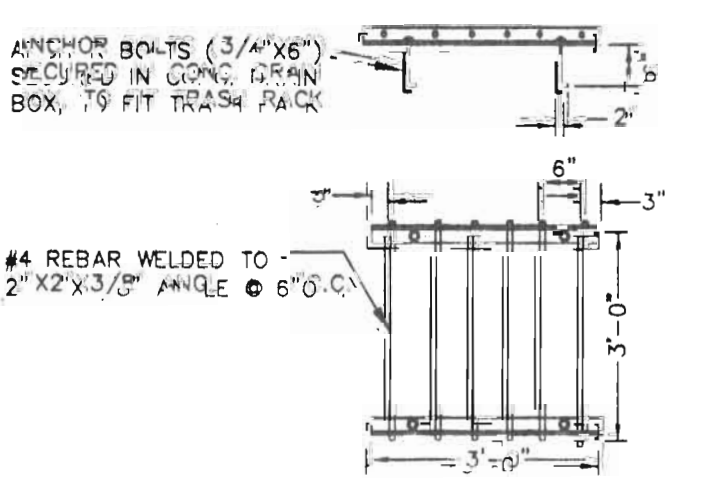
PROPOSED DAM SECTION
 SCALE VERT 1" = 3'
 HORIZ 1" = 30'



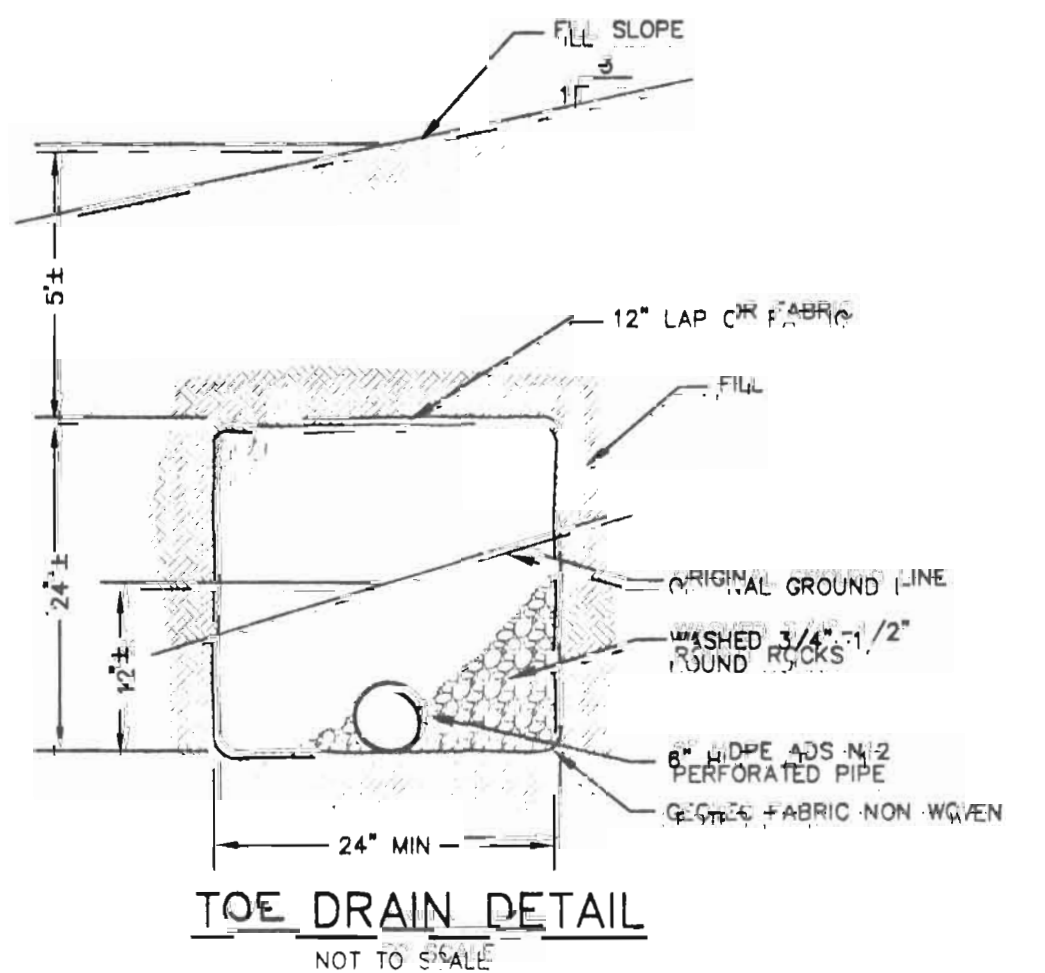
ACCESS ROAD
 SCALE 1" = 20'



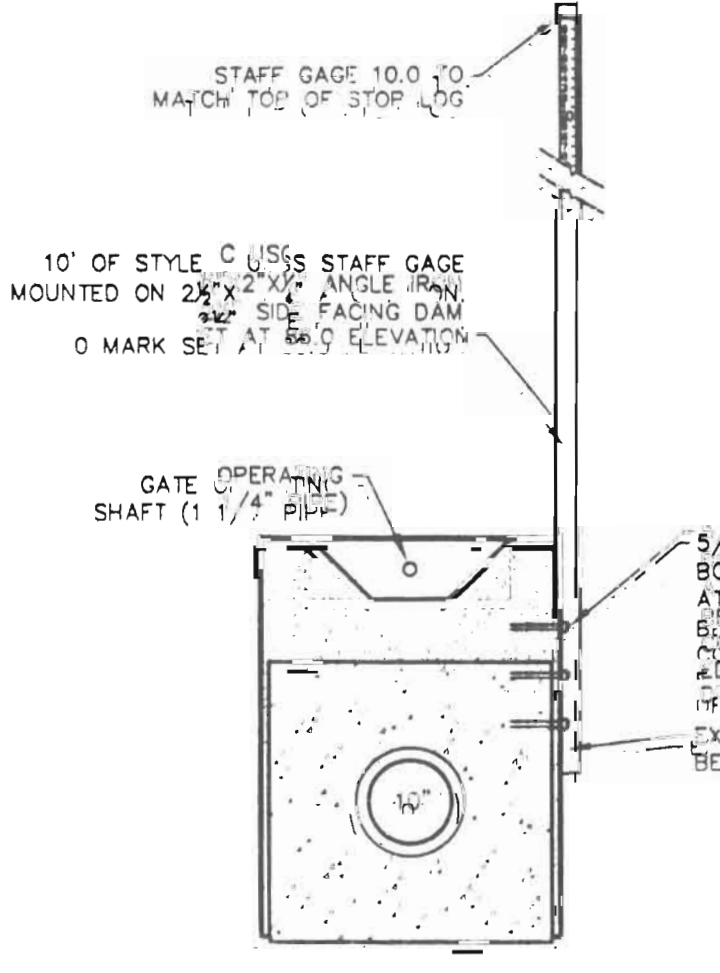
RESERVOIR DRAIN BOX DETAIL
 NOT TO SCALE



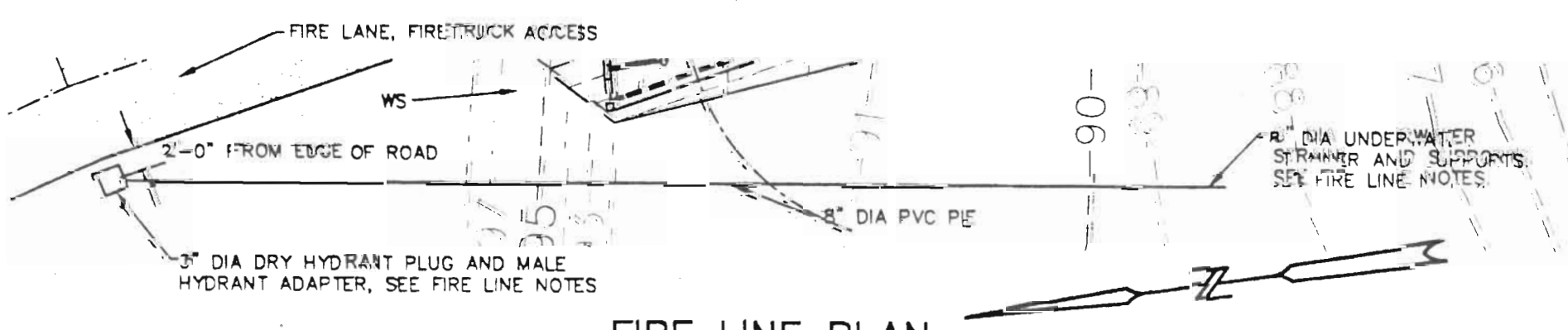
DRAIN BOX TRASH RACK DETAIL
 NOT TO SCALE



TOE DRAIN DETAIL
 NOT TO SCALE



STAFF GAGE MOUNTING
 NOT TO SCALE



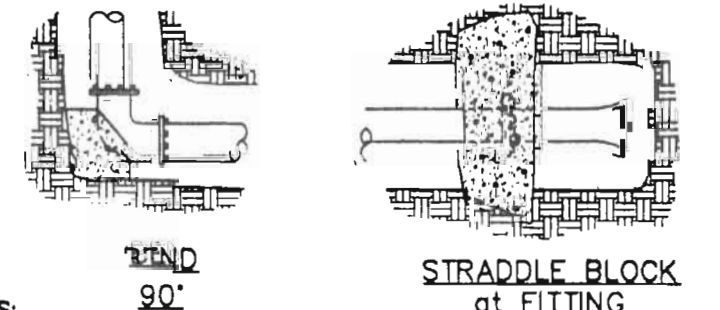
FIRE LINE PLAN
 SCALE: 1" = 40'

(HORIZONTAL) BEARING AREA OF THRUST BLOCKS IN SQUARE FEET

FITTING SIZE	90° BEND	22-1/2° BEND	STRADDLE BLOCK
8	6.8	1.5	6.5

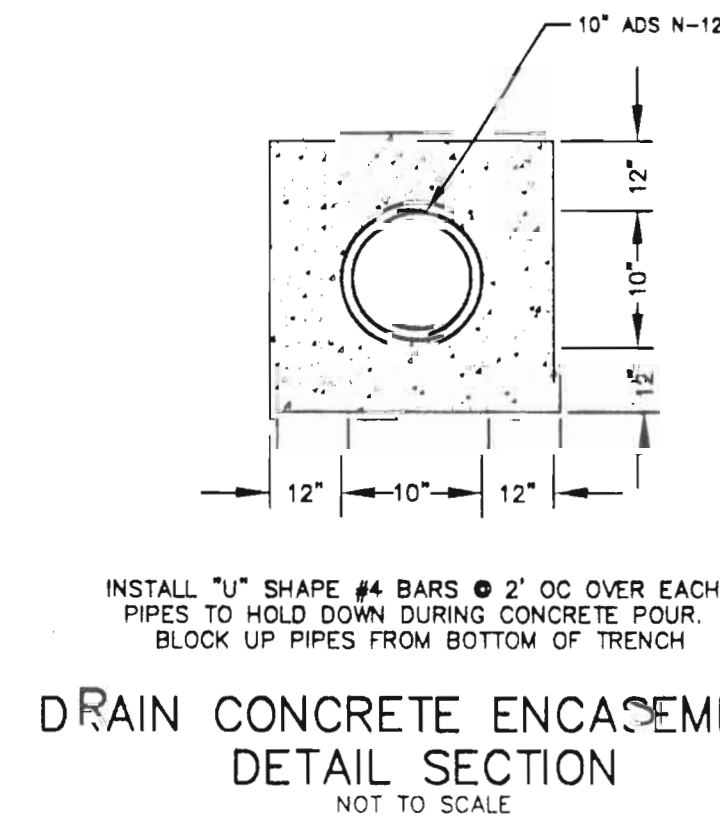
NOTES:
 1. ABOVE BEARING AREAS BASED ON TEST PRESSURE OF 150 PSI AND AN ALLOWABLE SOIL BEARING STRESS OF 2000 POUNDS PER SQUARE FOOT. TO COMPUTE BEARING AREAS FOR DIFFERENT TEST PRESSURES AND SOIL BEARING STRESSES, USE THE FOLLOWING EQUATION:

$$\text{BEARING AREA} = \left(\frac{\text{TEST PRESSURE}}{150} \right) \times \left(\frac{2000}{\text{SOIL BEARING STRESS}} \right) \times (\text{TABLE VALUE})$$

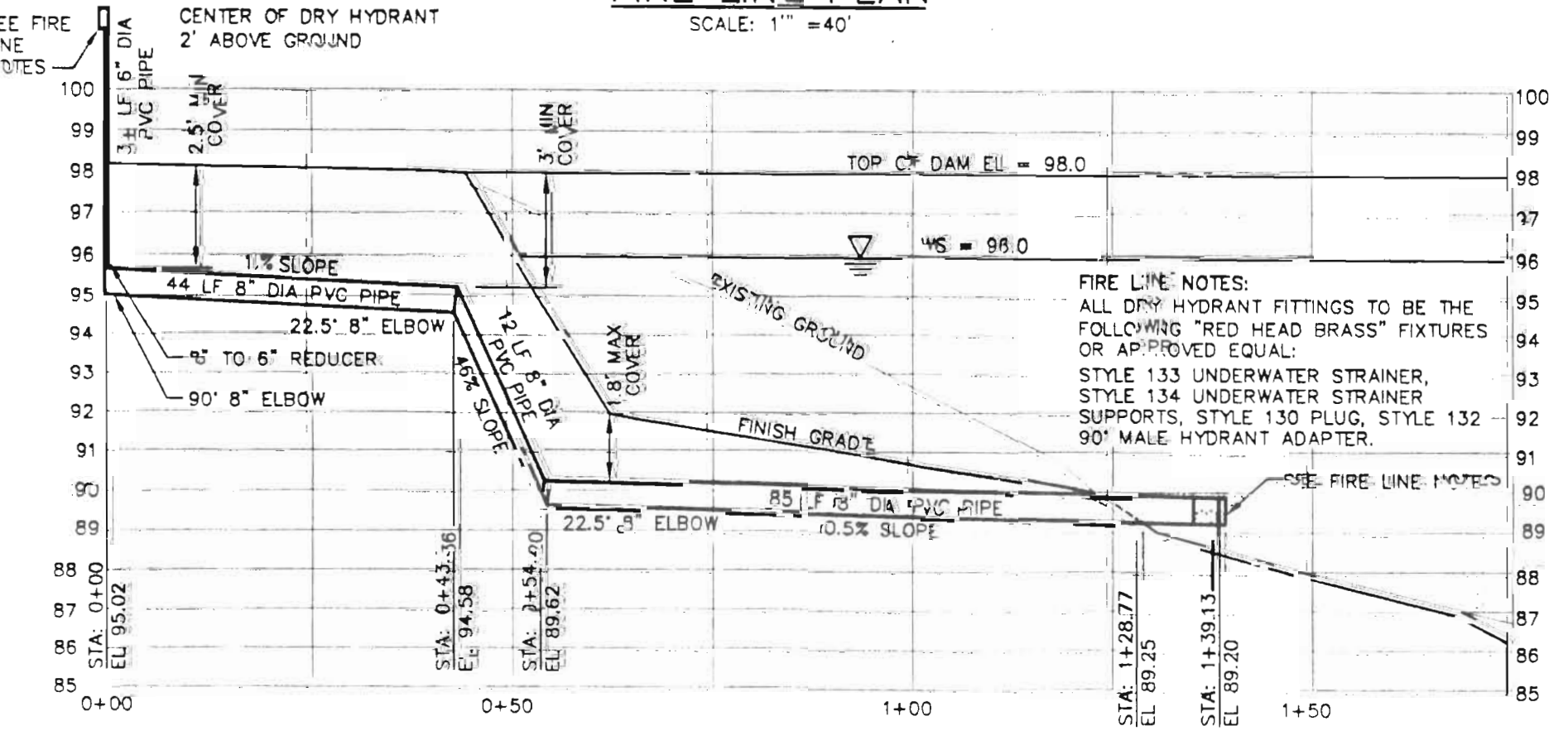


NOTES:
 1. CONCRETE BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH.
 2. ALL CONCRETE TO BE CLASS 2400 MINIMUM.
 3. INSTALL ISOLATION MATERIAL BETWEEN PIPE AND/OR FITTINGS BEFORE POURING CONCRETE BLOCKING.

THRUST BLOCK DETAIL



DRAIN CONCRETE ENCASEMENT
 DETAIL SECTION
 NOT TO SCALE



FIRE LINE PROFILE
 SCALE:
 HORIZ: 1" = 40'
 VERT: 1" = 4'

ASSUMED DATUM



MONTE WOGD
 PROPOSED DAM SITE DETAILS
 YAMHILL COUNTY, OREGON
 Scale: AS NOTED Date: MARCH 3, 2011 Elevation:
 Design: CFB Boatright Engineering, Inc. Job No:
 Drawn: MRD 2613 12th Street SE, SALEM, OREGON 97302 SITE #
 Chkd: CFB TEL: (503) 344-9225 • FAX: (503) 363-1951
 EXPIRES: 12/31/11

