Table 1. Summary of Impacts to Jurisdictional Wetlands/Waters

Location	Sheet No.	Project Element	Length (feet)	Amount of Fill (acres)
Uvas Reservoir	Sheet 21	Excavation		1.350
Uvas Reservoir	Sheets 4 & 5	Road Fill	900	0.510
Uvas Reservoir	Sheet 4	Outfall #1		0.010
Uvas Reservoir	Sheet 4	Outfall #2		0.020
Uvas Reservoir	Sheet 4	Low Water Crossing		0.030
Eastman Creek	Sheet 9	D-1 Outfall		0.002
Eastman Creek	Sheet 9	D-2 Outfall		0.002
Eastman Creek	Sheet 9	D-3 Outfall		0.002
Eastman Creek	Sheet 9	D-5 Outfall		0.002
Eastman Creek	Sheet 8	D-7 Outfall		0.002
Eastman Creek	Sheet 8	Outfall		0.002
Eastman Creek	Sheet 7	Outfall		0.002
Eastman Creek	Sheet 7	Low Water Crossing		0.010
Eastman Creek	Sheet 8	Low Water Crossing		0.010
Eastman Creek	Sheet 9	Low Water Crossing		0.002
Eastman Creek	Sheet 9	Road Fill	250	0.021
Eastman Creek	Sheet 8	Outfall		0.002
Eastman Creek	Sheet 7	Bridge Crossing #1	60	0.018
Eastman Creek	Sheet 8	Bridge Crossing #2	60	0.028
Eastman Creek	Sheet 13	Bridge Crossing #3	60	0.028
Secondary Drainage	Sheet 7	Bridge Crossing #4	160	0.037

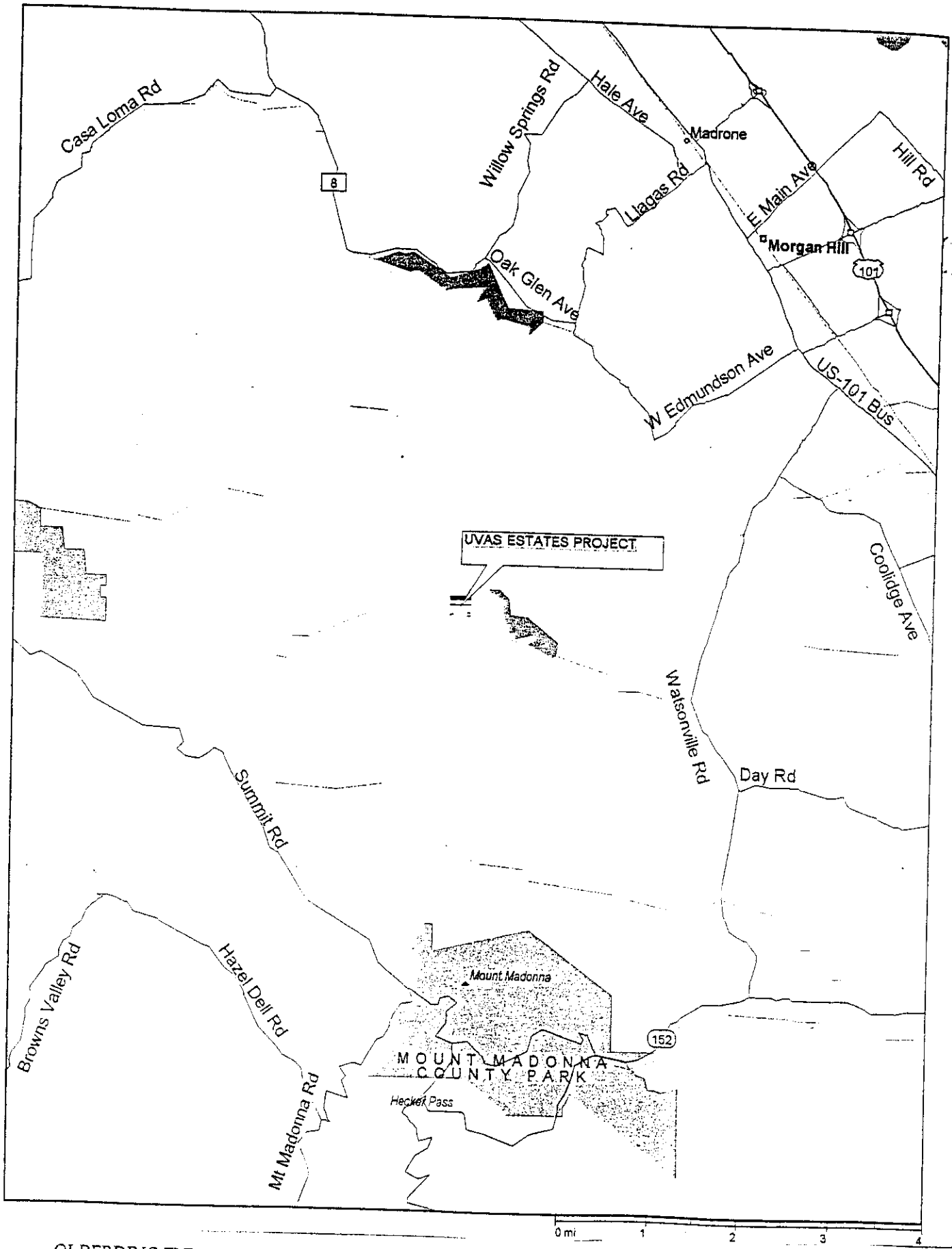
Location	Sheet No.	Project Element	Length (feet)	Amount of Fill (acres)
Secondary Drainage	Sheet 7	Outfall		0.002
Secondary Drainage	Sheet 7	Road Fill	110	0.003
Drainage 1	Sheet 9	Road Fill	250	0.006
Drainage 2	Sheet 9	Road Fill	105	0.002
Drainage 3	Sheets 9 & 23	Road Fill	330	0.008
Drainage 4	Sheet 23	Road Fill	90	0.002
Drainage 5	Sheet 9	Road Fill	65	0.001
Drainage 6	Sheet 8	Outfall		0.002
Drainage 6	Sheet 8	Road Fill	85	0.002
Drainage 7	Sheet 8	Road Fill	75	0.017
Drainage 8	Sheet 22	Outfall		0.002
Drainage 8	Sheets 13 & 22	Road Fill	480	0.011
Drainage 9	Sheet 7	NA		-
Drainage 10	Sheet 20	Outfall		0.002
Drainage 10	Sheet 11 & 20	Road Fill	170	0.004
Drainage 11	Sheet 7	NA		-
Drainage 12	Sheets 6 & 19	Road Fill	240	0.017
Drainage 12	Sheet 6	Outfall #1		0.001
Drainage 12	Sheet 19	Outfall #2		0.001
Drainage 12	Sheet 19	Outfall #3		0.001
Drainage 13	Sheets 6 & 18	Road Fill	175	0.012
Drainage 13	Sheet 6	Outfall #1		0.001

Location	Sheet No.	Project Element	Length (feet)	Amount of Fill (acres)
Drainage 13	Sheet 18	Outfall #2		0.002
Drainage 14	Sheet 5	Road Fill	50	0.003
Drainage 15	Sheet 5	Road Fill	50	0.003
Drainage 16	Sheet 5	Road Fill	30	0.002
Drainage 17	Sheet 4	NA		-
Stock Pond	Sheet 18	NA		-
Seasonal Wetland #1	Sheet 18	Road Fill		0.140
Seasonal Wetland #2	Sheet 6	Road Fill		0.060
Seep	Sheet 9	Road Fill		0.006
		TOTAL	**3,795**	**2.403**

OLBERDING ENVIRONMENTAL, INC

Figure 1

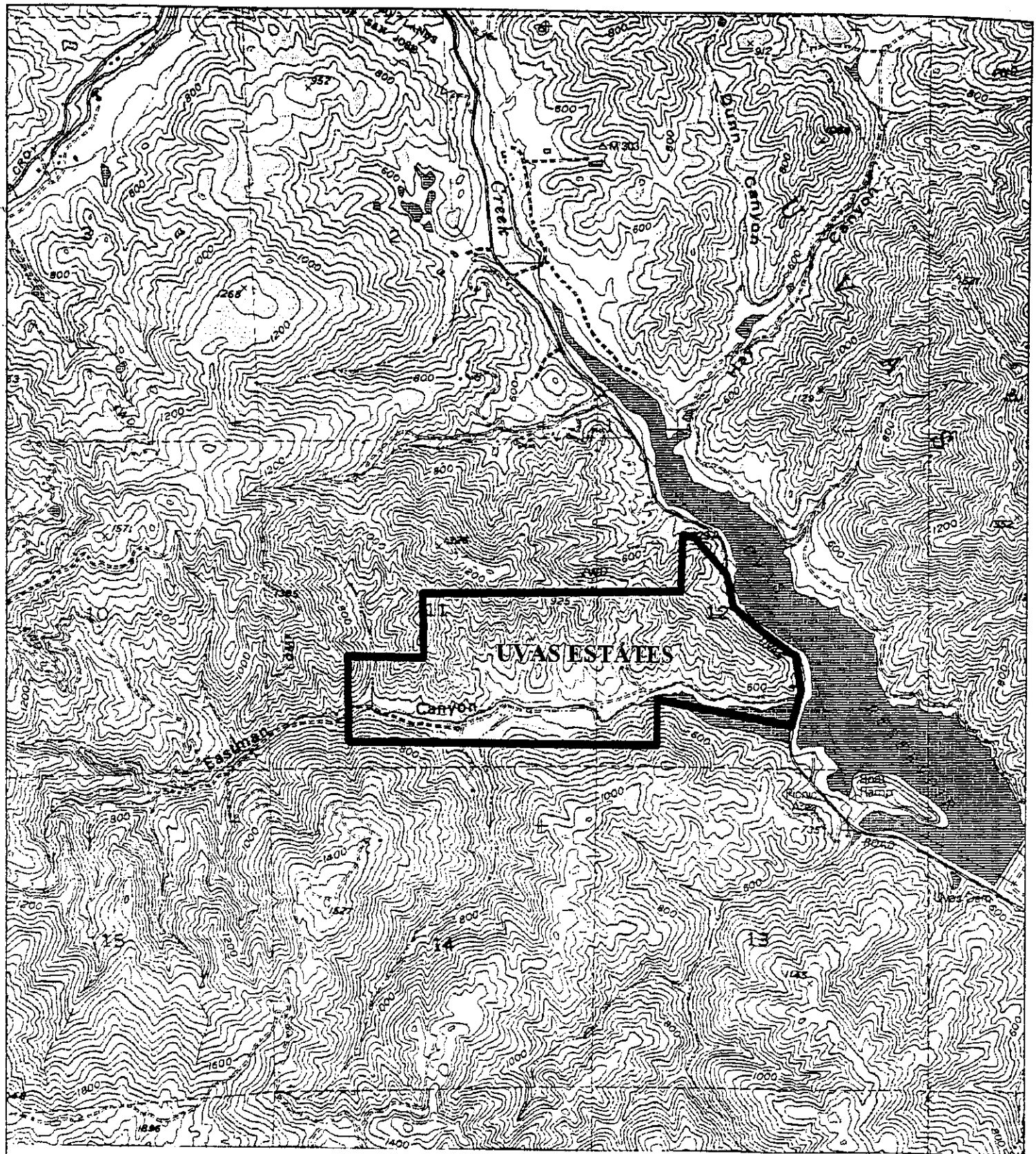
UVAS ESTATES	Regional Map	Project: Uvas Estates Location: Eastman Canyon County: Santa Clara County Date: 7-7-01 Source: Microsoft Streets



OLBERDING ENVIRONMENTAL, INC

Figure 2

UVAS ESTATES	Vicinity Map	**Project:** Uvas Estates **Location:** Eastman Canyon **County:** Santa Clara County **Date:** 7-7-01



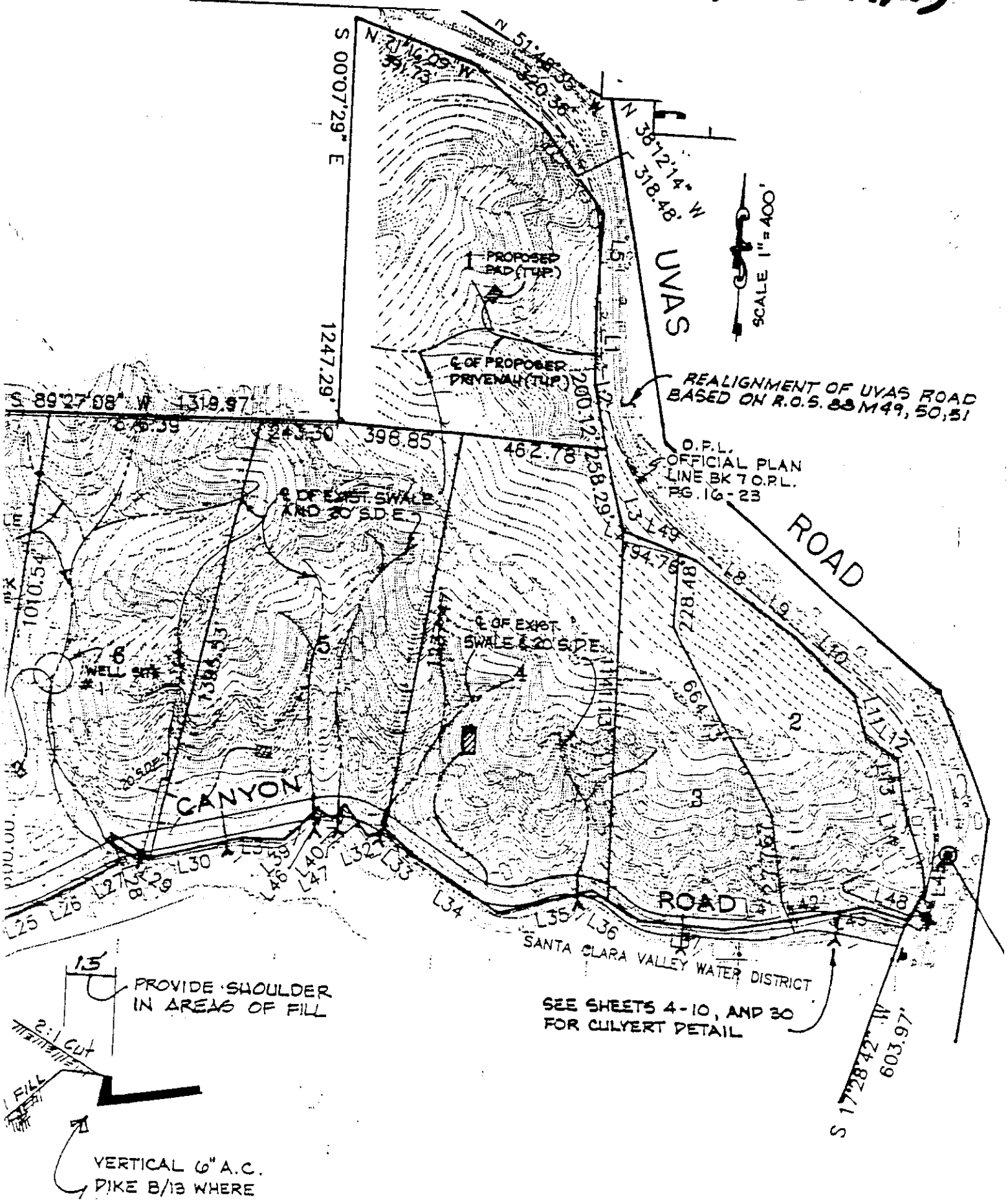
OLBERDING ENVIRONMENTAL, INC

Figure 3

UVAS ESTATES	USGS 7.5 Quadrangle Map For Mt. Madonna	**Project:** Uvas Estates **Location:** Eastman Canyon **County:** Santa Clara County **Date:** 7-7-01 **Source:** USGS

Source Data: USGS 1000 ft Scale: 1 : 25,000 Detail: 13-0 Datum: NAD27

PROJECT OVERVIEW (SHT. 1)



SEE SHEETS 4-10, AND 30 FOR CULVERT DETAIL

OLBERDING ENVIRONMENTAL, INC

Figure 4

UVAS ESTATES	Uvas Estates Development Project Site Plan	**Project:** Uvas Estates **Location:** Eastman Canyon **County:** Santa Clara County **Date:** 7-7-01

PROJECT OVERVIEW (SHT 2)

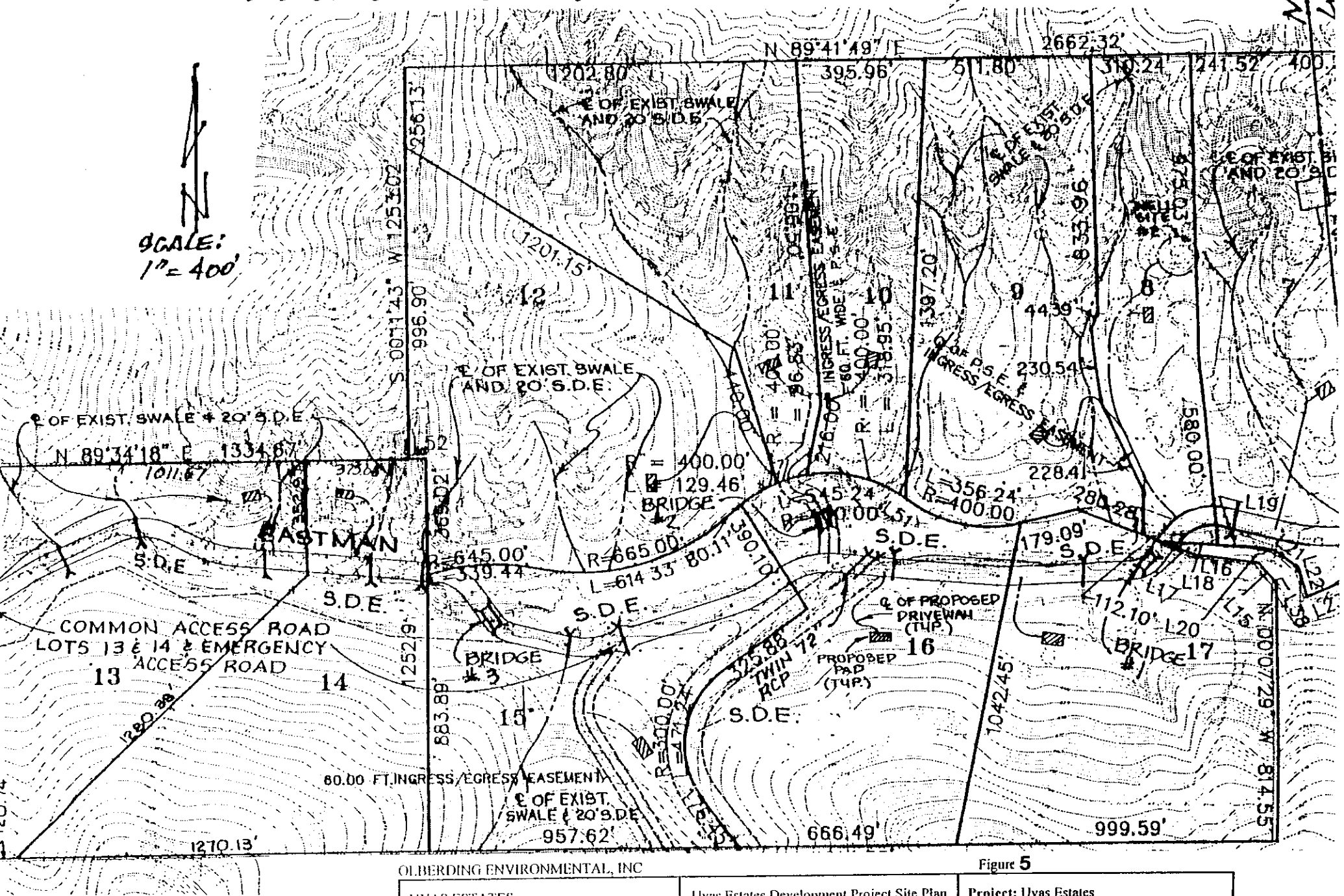
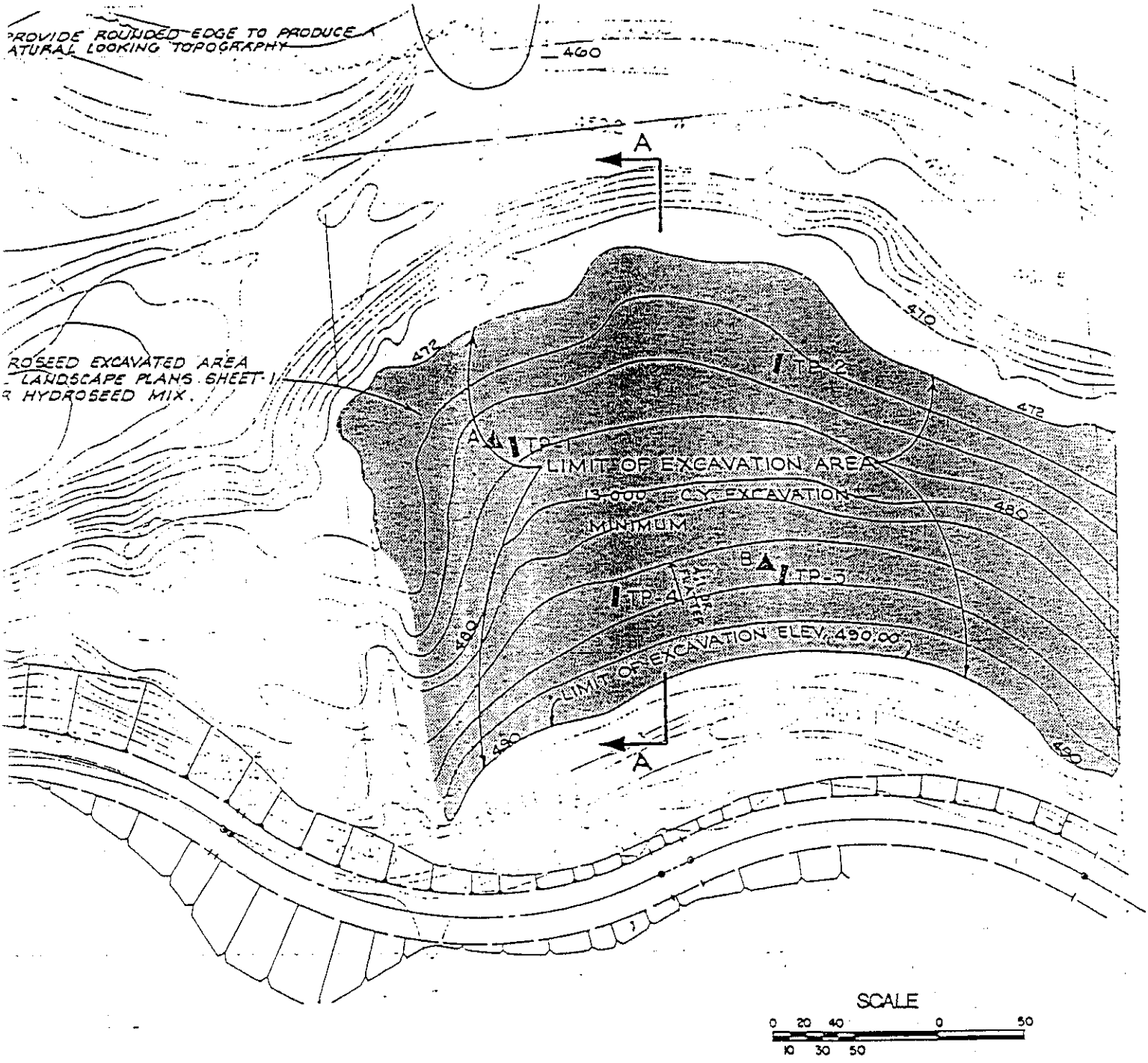


Figure 5

OLBERDING ENVIRONMENTAL, INC

UVAS ESTATES	Uvas Estates Development Project Site Plan	**Project:** Uvas Estates **Location:** Eastman Canyon **County:** Santa Clara County **Date:** 7-7-01 **Source:** MH Engineering

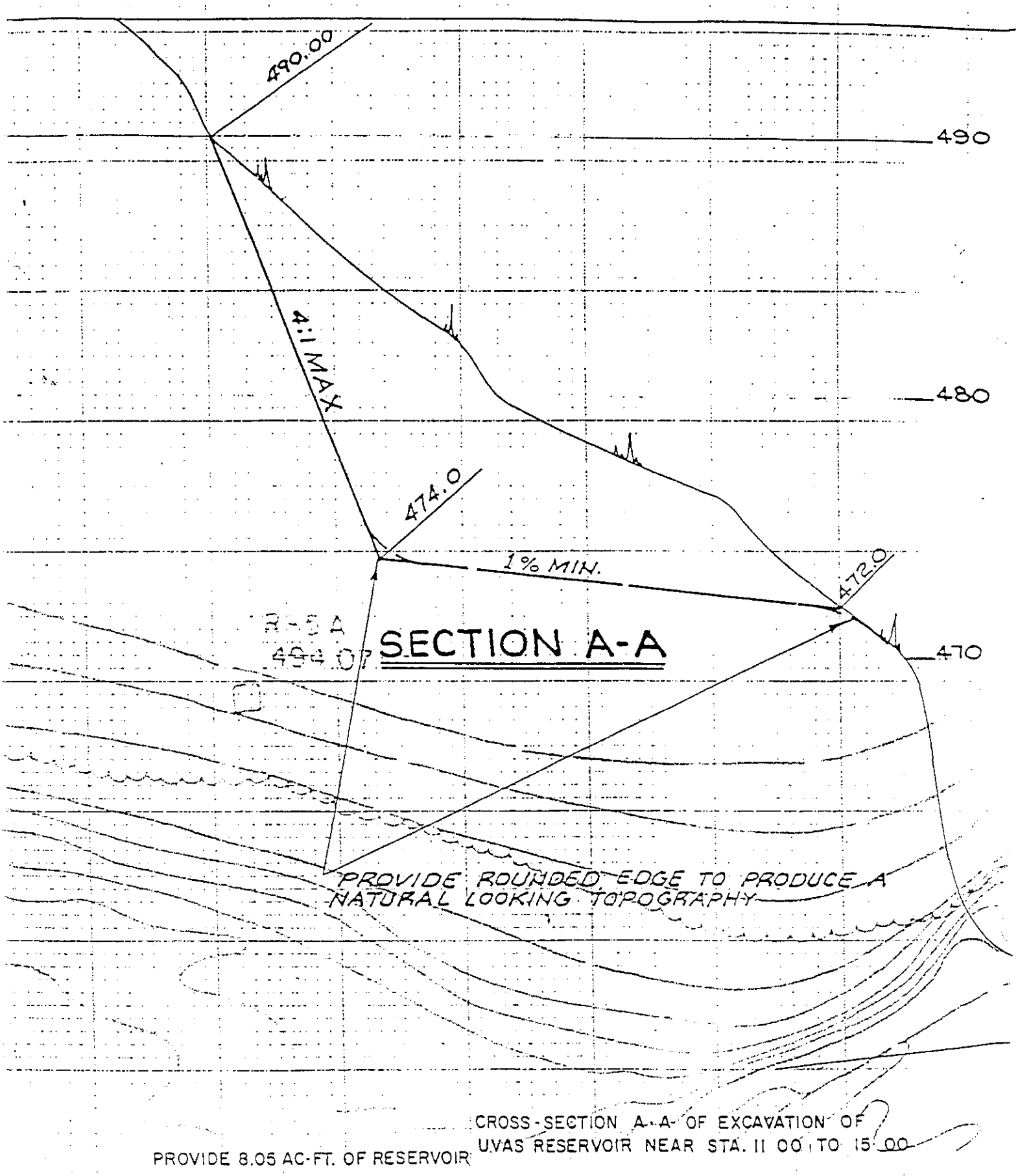


EXCAVATION OF UVAS RESERVOIR NEAR STA. 11+00 TO 15+00

OLBERDING ENVIRONMENTAL, INC

Figure 6

UVAS ESTATES	Uvas Reservoir Bed Excavation Map	**Project:** Uvas Estates **Location:** Eastman Canyon **County:** Santa Clara County **Date:** 7-7-01 **Source:** MH Engineering



CROSS-SECTION A-A OF EXCAVATION OF UVAS RESERVOIR NEAR STA. 11 00 TO 15 00

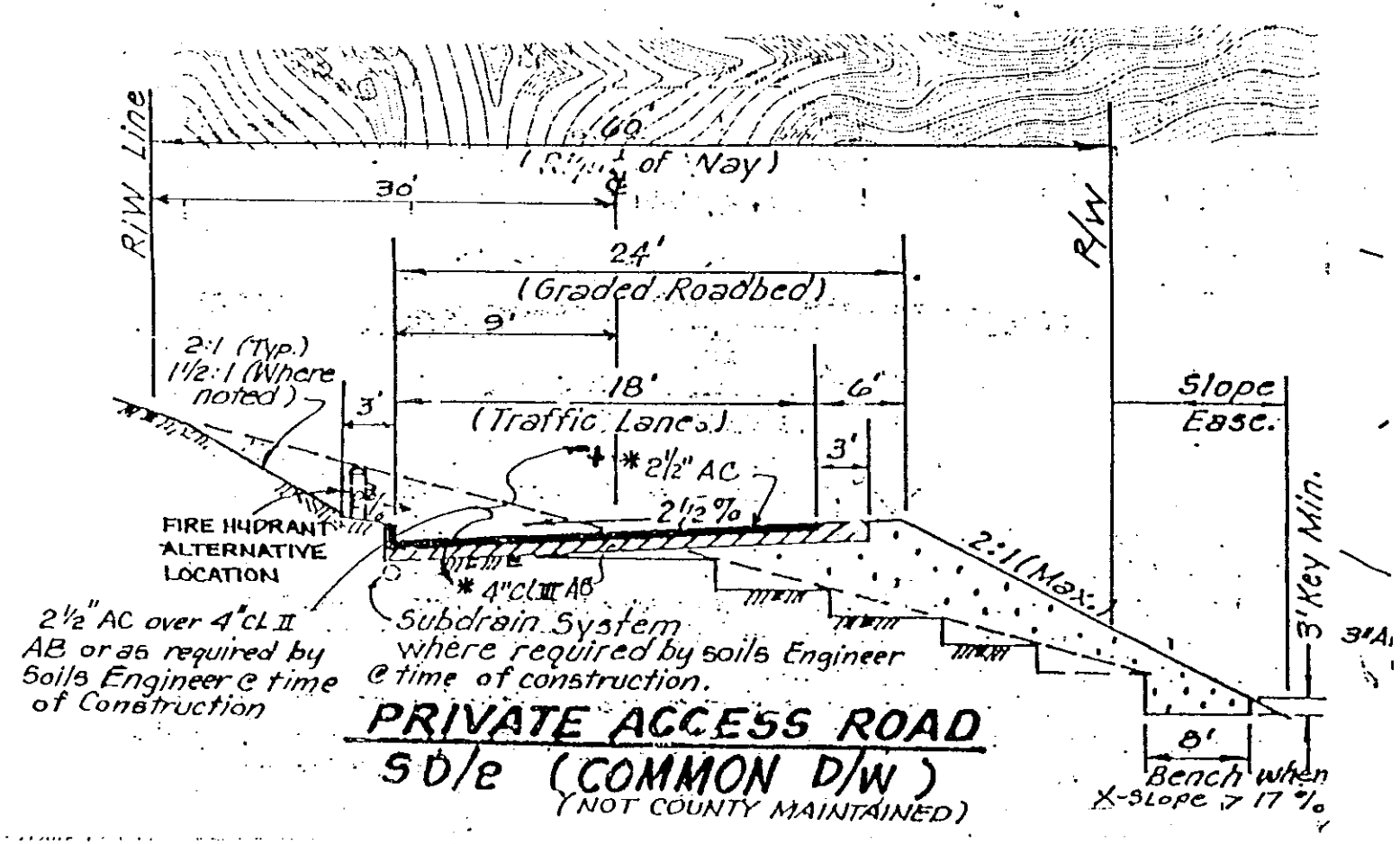
PROVIDE 8.05 AC-FT. OF RESERVOIR

OLBERDING ENVIRONMENTAL, INC

Figure 7

UVAS ESTATES	Uvas Reservoir Bed Excavation Map	**Project:** Uvas Estates **Location:** Eastman Canyon **County:** Santa Clara County **Date:** 7-7-01

TYPICAL EASTMAN CANYON ROAD



PRIVATE ACCESS ROAD

SD/E (COMMON D/W)

(NOT COUNTY MAINTAINED)

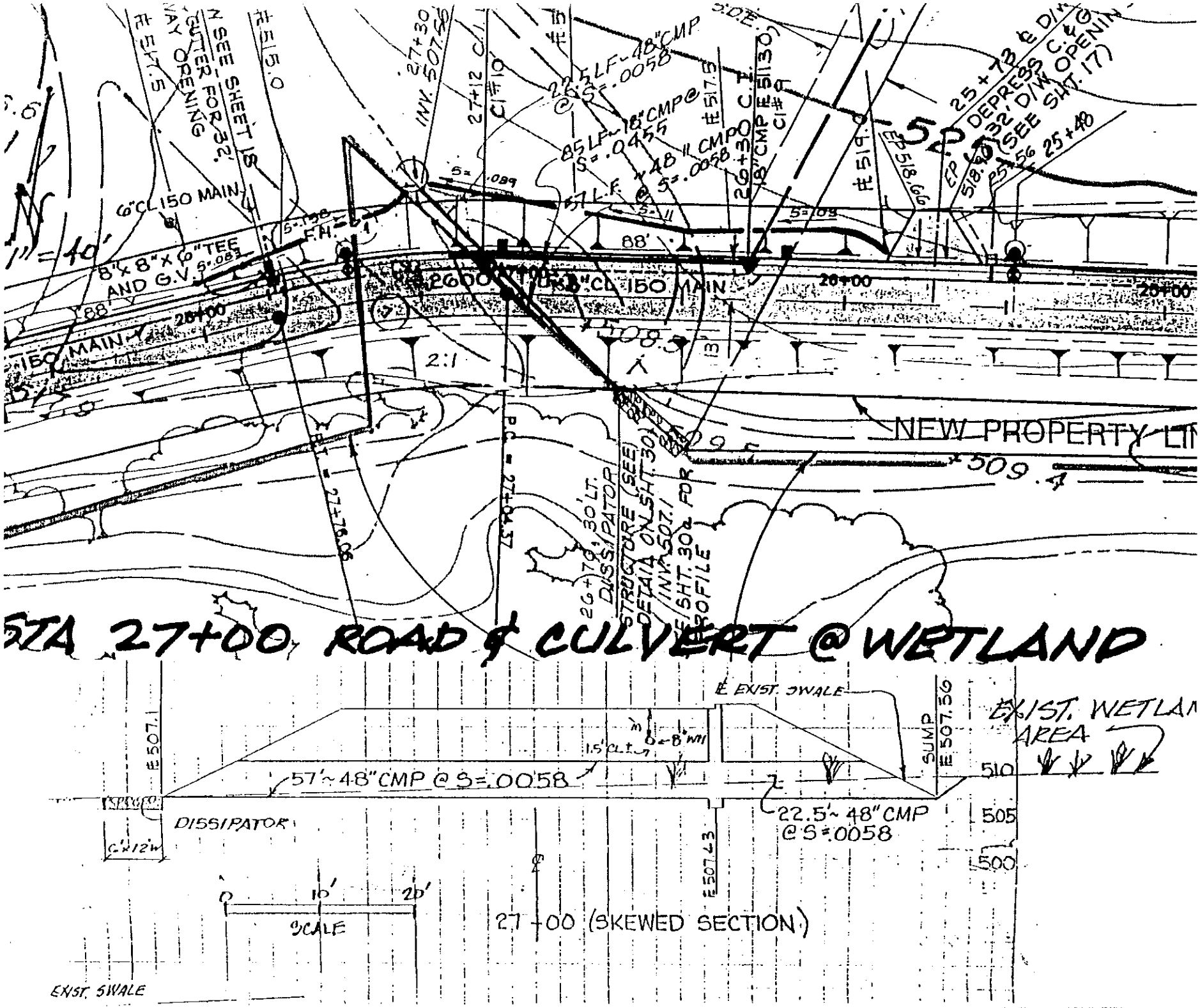
OLBERDING ENVIRONMENTAL, INC

UVAS ESTATES

Typical Road Fill Detail

Project: Uvas Estates
Location: Eastman Canyon
County: Santa Clara County
Date: 7-7-01

Figure 8



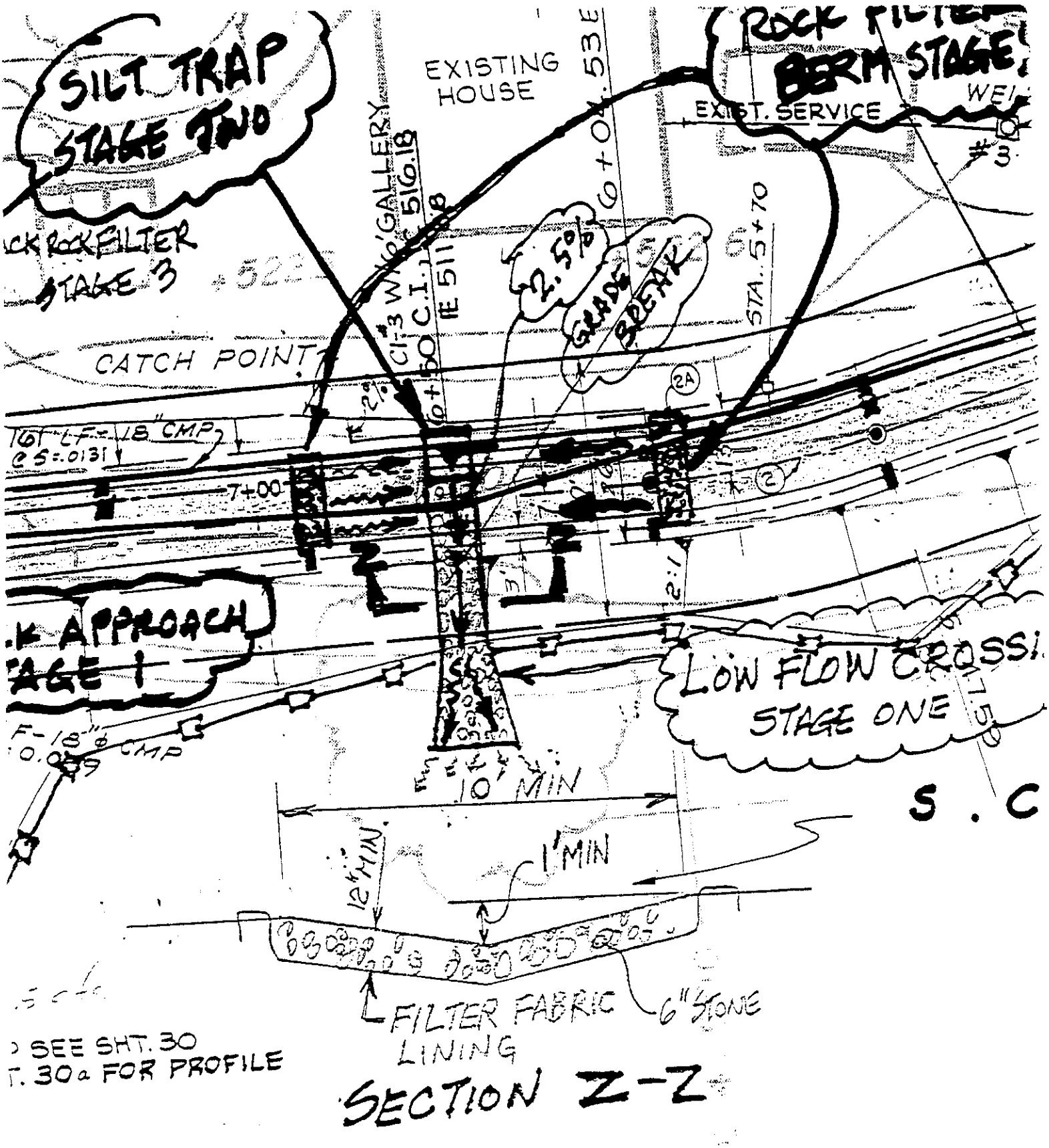
OLBERDING ENVIRONMENTAL, INC

UVAS ESTATES

Typical Road Fill Detail

Figure 9

Project: Uvas Estates
Location: Eastman Canyon
County: Santa Clara County
Date: 7-7-01



T.C. ELEV. = CL ELEV. + 0.06'

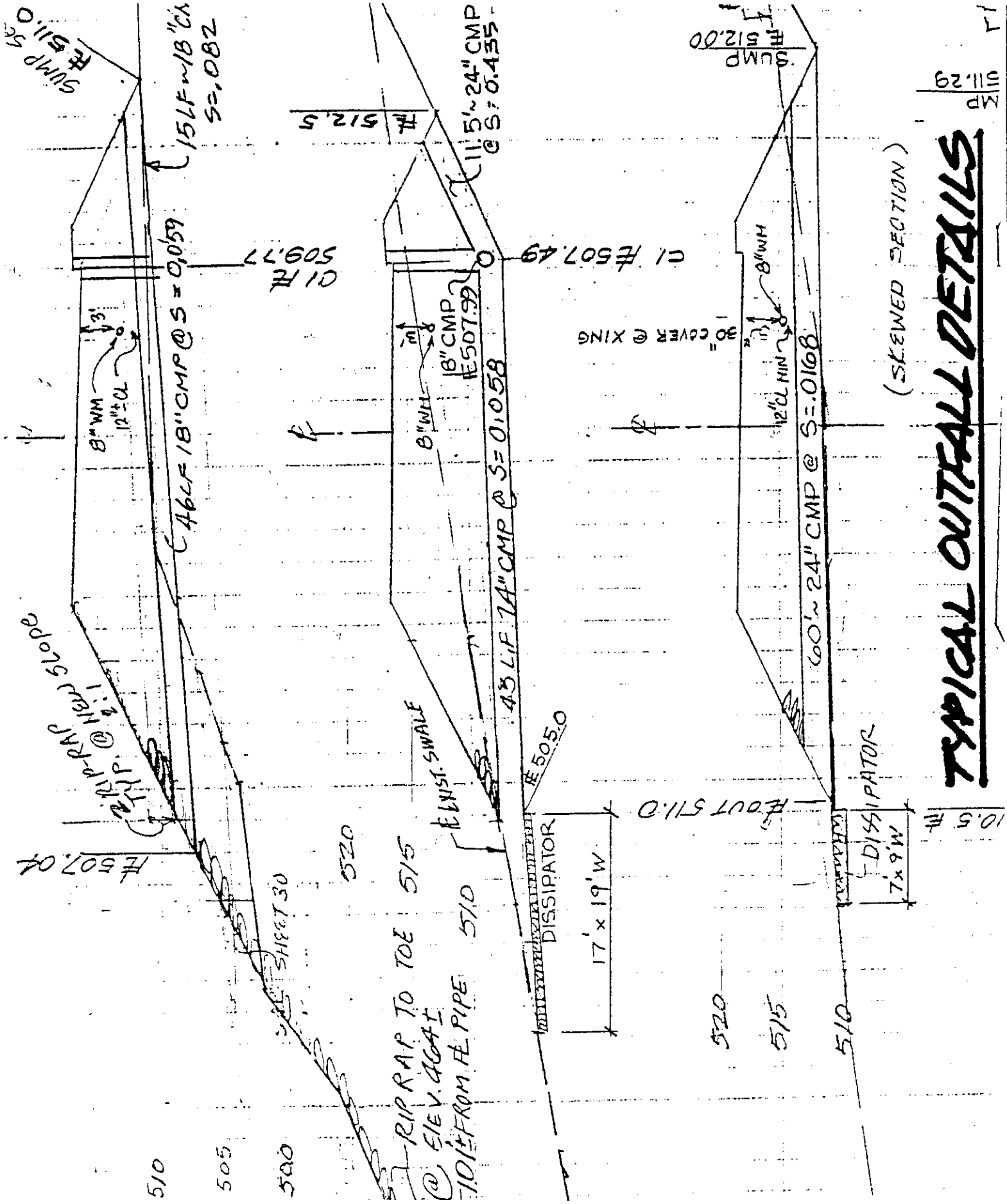
OLBERDING ENVIRONMENTAL, INC

Figure 10

UVAS ESTATES	Typical Low Water Crossing Detail	**Project:** Uvas Estates **Location:** Eastman Canyon **County:** Santa Clara County **Date:** 7-7-01

Figure 11.

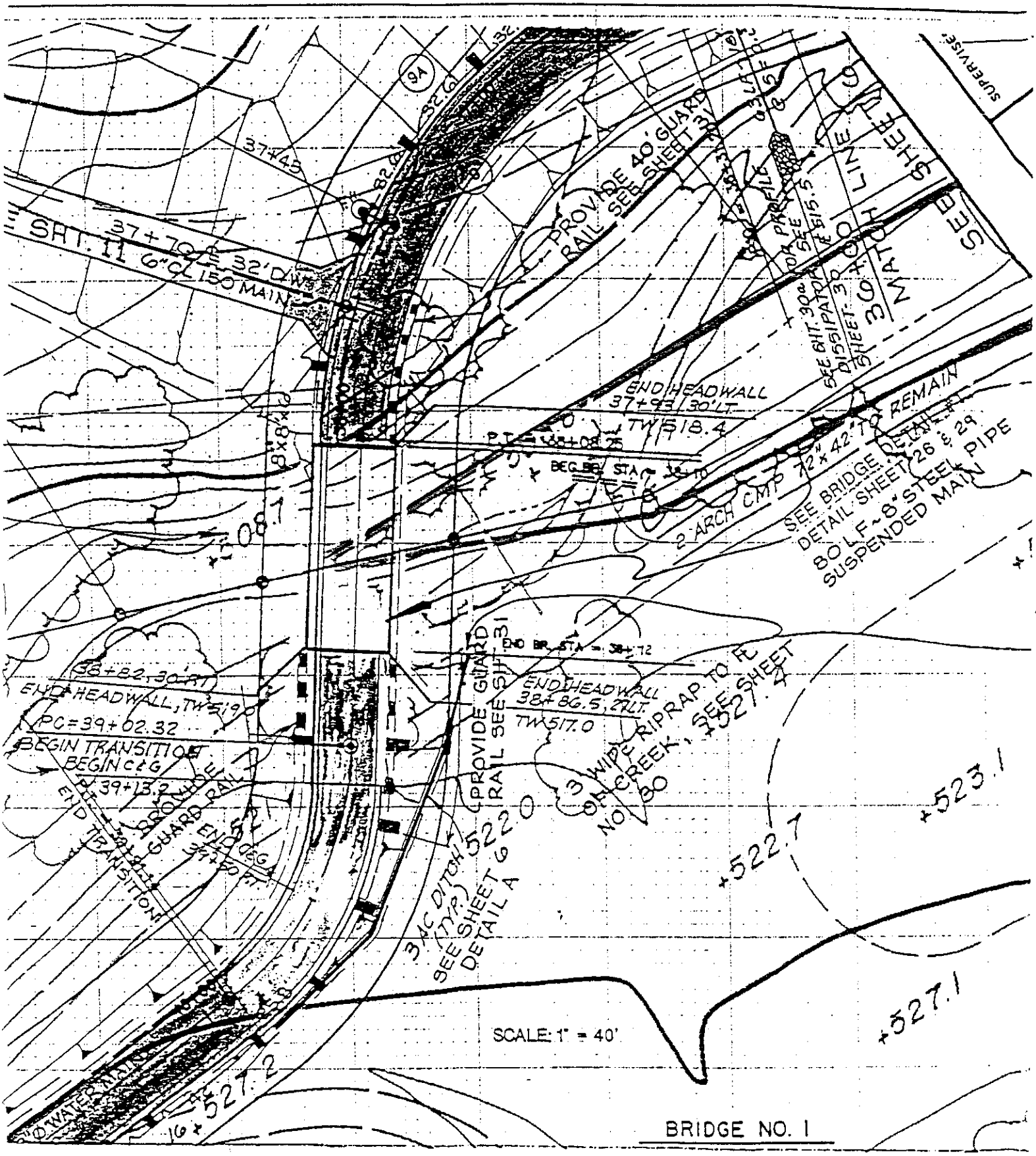
Typical Outfall Detail



OLBERDING ENVIRONMENTAL, INC

Figure **11**

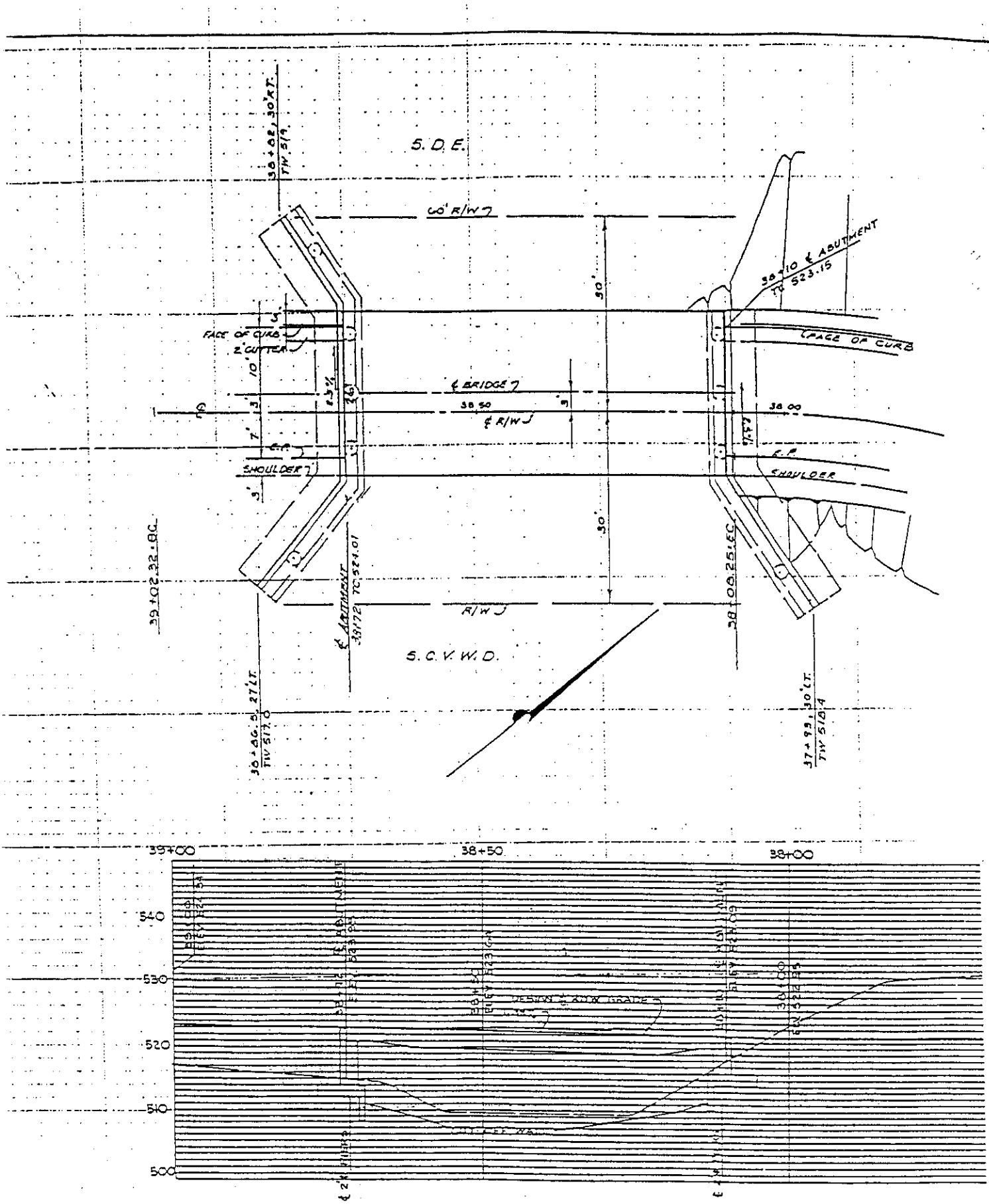
UVAS ESTATES	Typical Outfall Detail	**Project:** Uvas Estates **Location:** Eastman Canyon **County:** Santa Clara County **Date:** 7-7-01



OLBERDING ENVIRONMENTAL, INC

Figure 12

UVAS ESTATES	Typical Clear-Span Bridge Detail	**Project:** Uvas Estates **Location:** Eastman Canyon **County:** Santa Clara County **Date:** 7-7-01 **Source:** MH Engineering

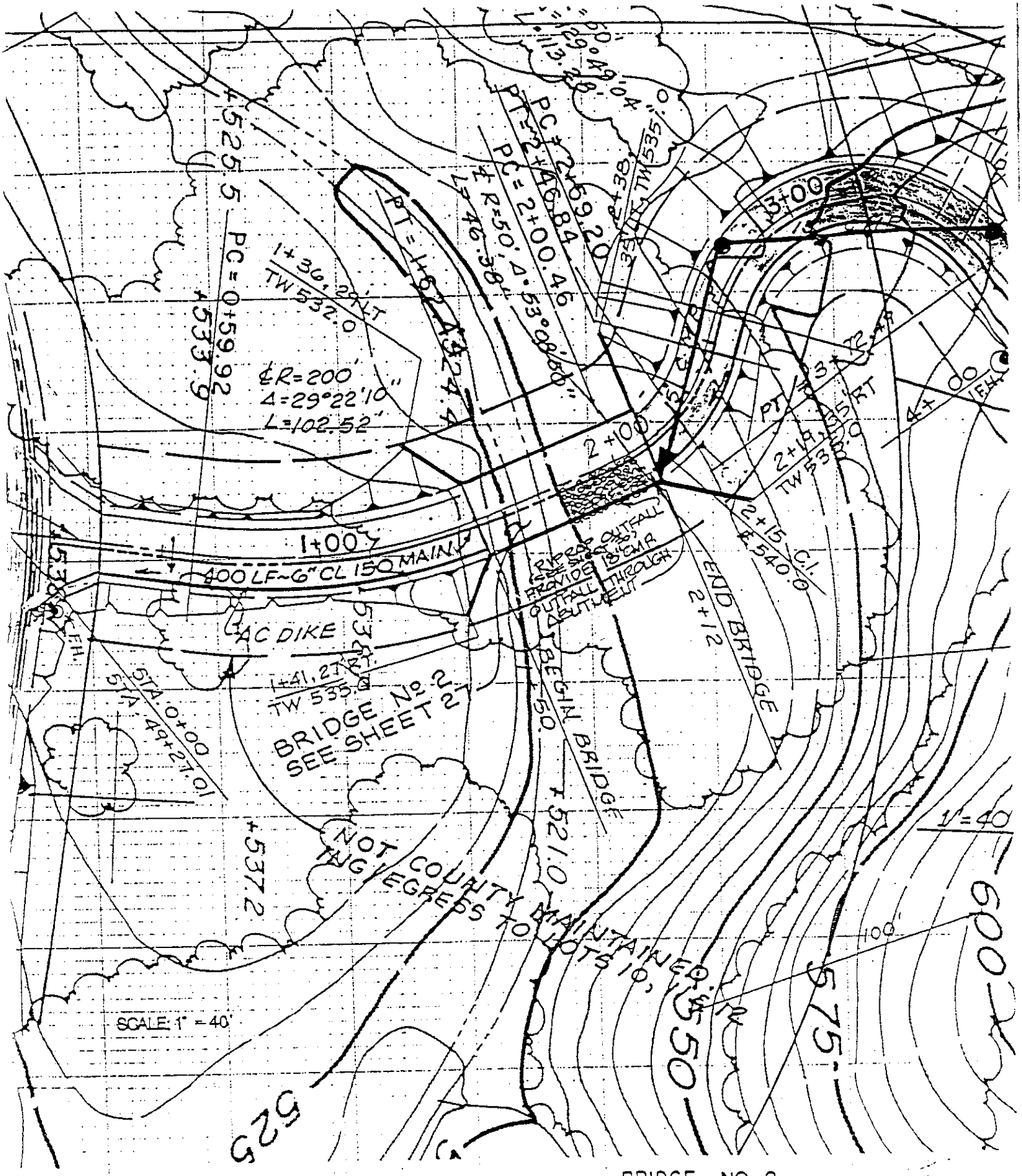


BRIDGE NO. 1

OLBERDING ENVIRONMENTAL, INC

Figure 13

UVAS ESTATES	Typical Clear-Span Bridge Detail	**Project:** Uvas Estates **Location:** Eastman Canyon **County:** Santa Clara County **Date:** 7-7-01

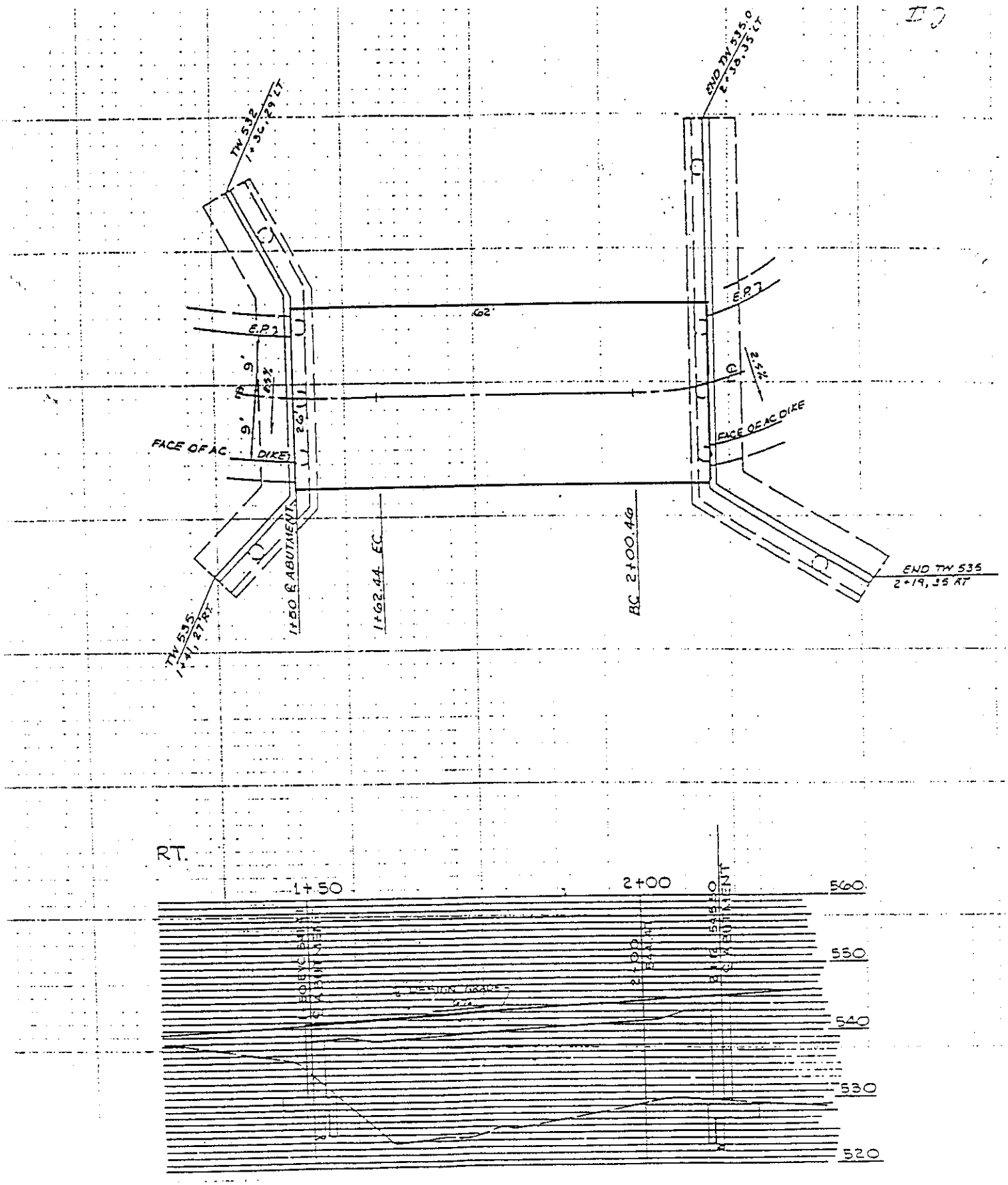


BRIDGE NO. 2

OLBERDING ENVIRONMENTAL, INC

Figure **14**

UVAS ESTATES	Typical Clear-Span Bridge Detail	**Project:** Uvas Estates **Location:** Eastman Canyon **County:** Santa Clara County **Date:** 7-7-01 **Source:** MH Engineering

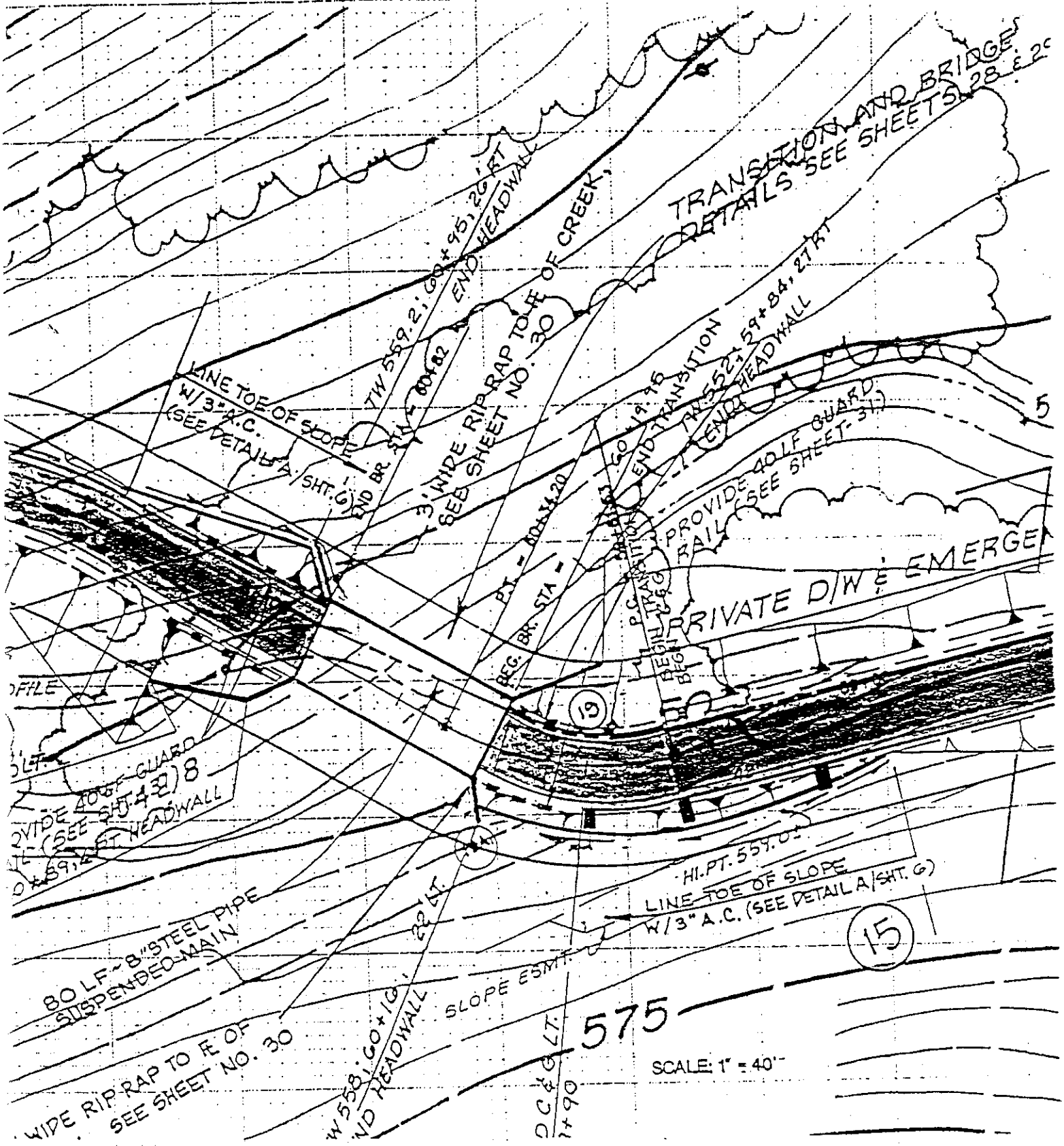


BRIDGE NO. 2

OLBERDING ENVIRONMENTAL, INC

Figure **15**

UVAS ESTATES	Typical Clear-Span Bridge Detail	**Project:** Uvas Estates **Location:** Eastman Canyon **County:** Santa Clara County **Date:** 7-7-01 **Source:** MH Engineering

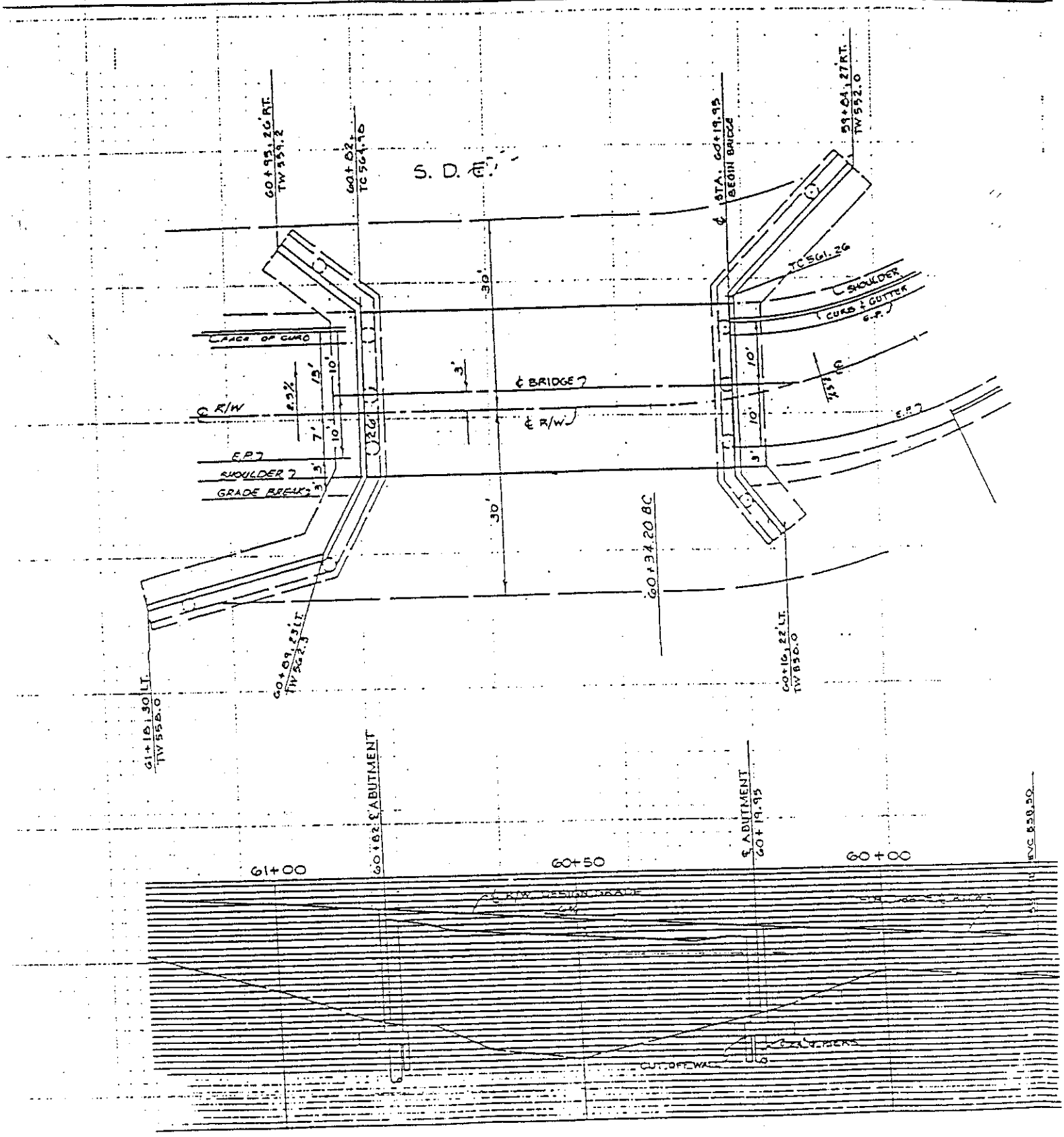


BRIDGE NO. 3

OLBERDING ENVIRONMENTAL, INC

Figure 16

UVAS ESTATES	Typical Clear-Span Bridge Detail	**Project:** Uvas Estates **Location:** Eastman Canyon **County:** Santa Clara County **Date:** 7-7-01

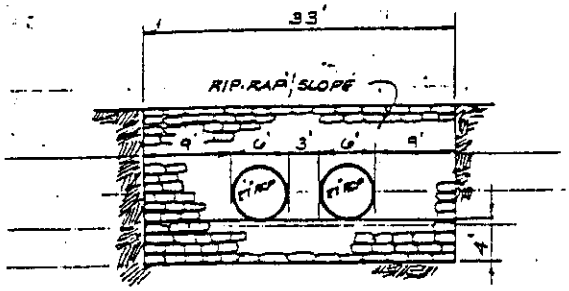


BRIDGE NO. 3

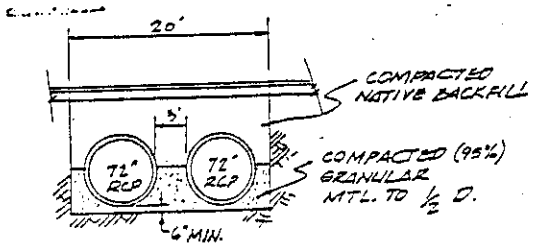
OLBERDING ENVIRONMENTAL, INC

Figure **17**

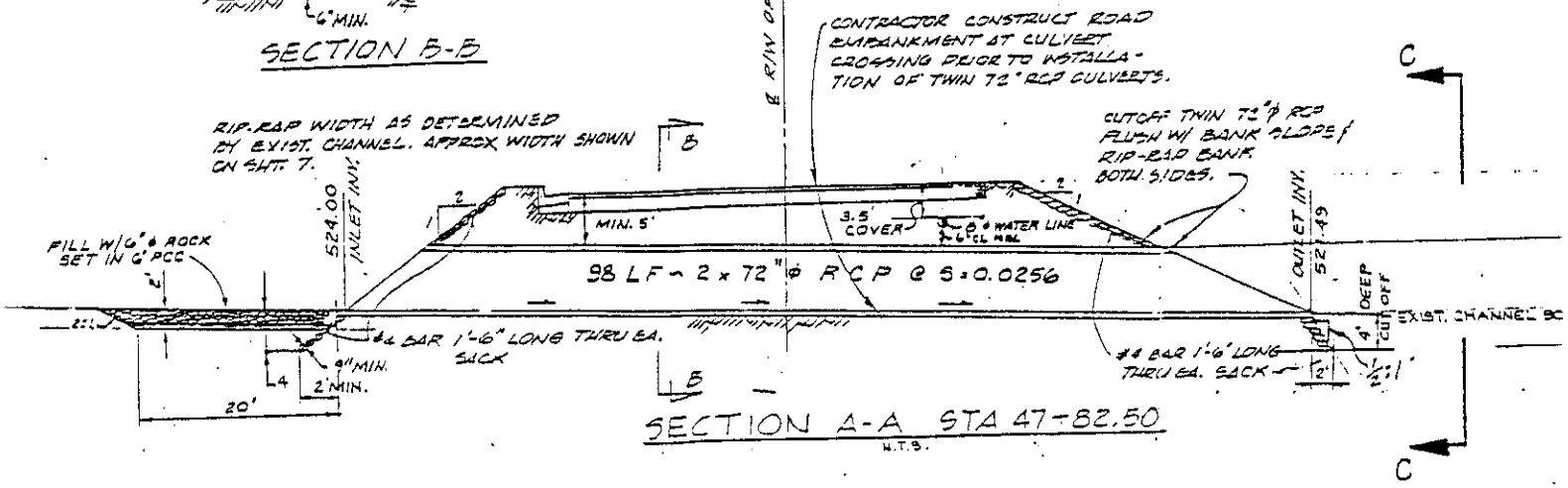
UVAS ESTATES	Typical Clear-Span Bridge Detail	**Project:** Uvas Estates **Location:** Eastman Canyon **County:** Santa Clara County **Date:** 7-7-01



SECTION C-C
NTS



SECTION B-B



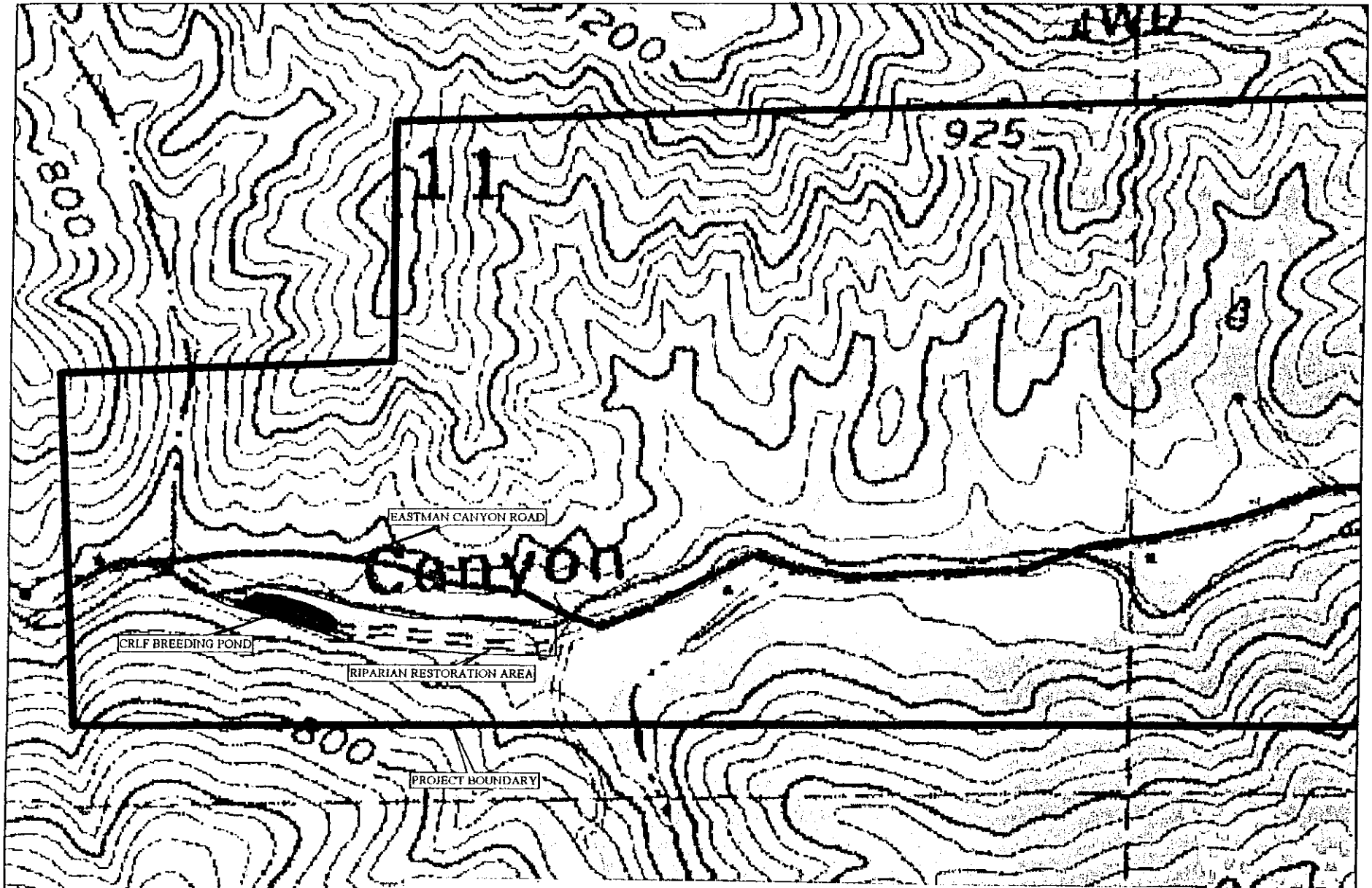
SECTION A-A STA 47+82.50
N.T.S.

TWIN 72"ϕ RCP CULVERTS

OLBERDING ENVIRONMENTAL, INC

Figure 18

UVAS ESTATES	Culverted Crossing Detail	Project: Uvas Estates Location: Eastman Canyon County: Santa Clara County Date: 7-7-01



OLBERDING ENVIRONMENTAL, INC

Figure 19

UVAS ESTATES	CRLF Breeding Pond and Eastman Creek Riparian Restoration Location Map	**Project:** Uvas Estates **Location:** Eastman Canyon **County:** Santa Clara County **Date:** 7-7-01 **Source:** Olberding Environmental

3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS 250 ft Scale: 1 : 6,400 Detail: 15-0 Datum: NAD27

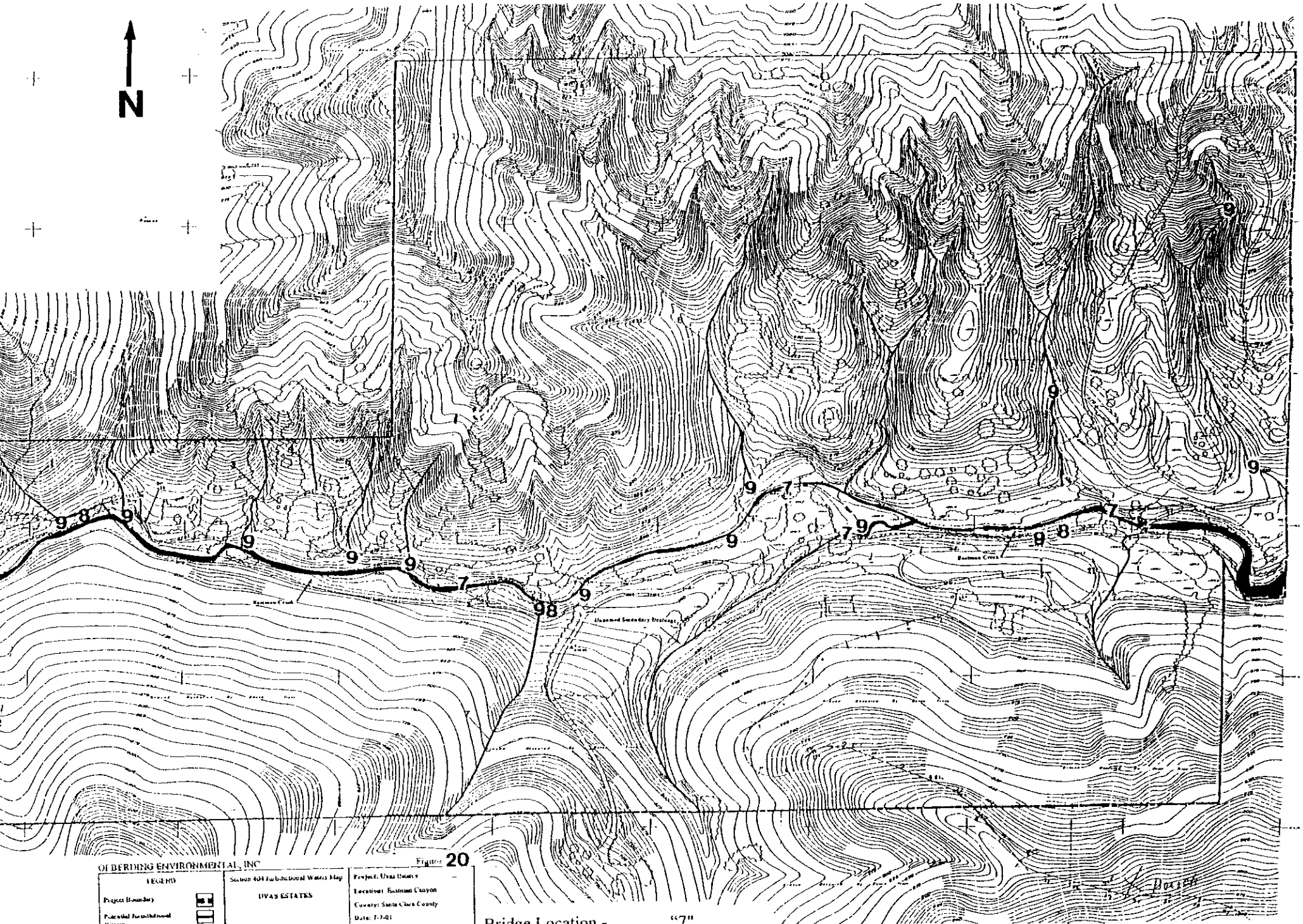


Figure 20

LEGEND

Project Boundary

Potential Jurisdictional Waters

Potential Jurisdictional Wetlands

Data Point DP

Section 404 Jurisdictional Waters Map

DIVAS ESTATES

Project: Divas Estates

Location: Bassman Canyon

County: Santa Clara County

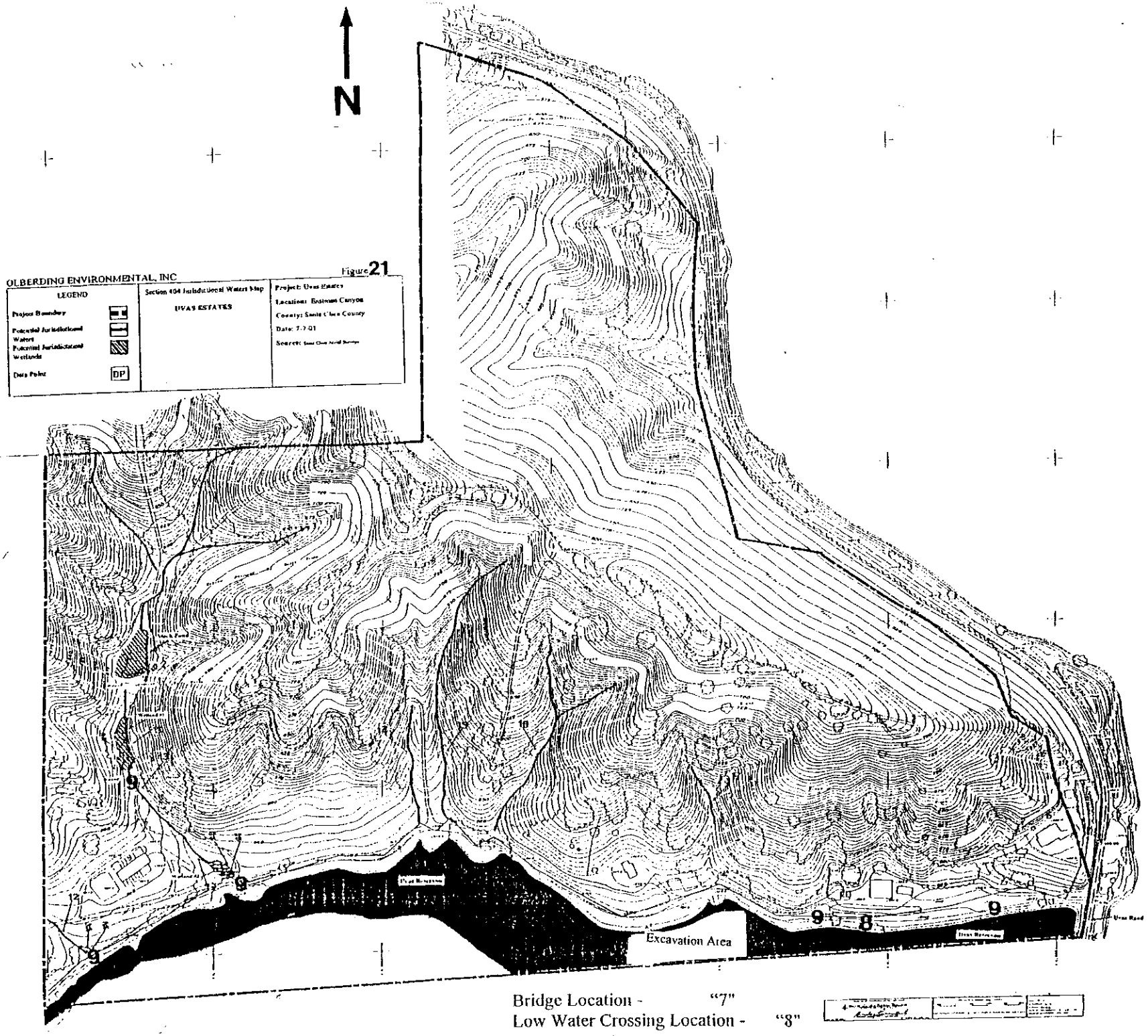
Date: 7-7-03

Source: [illegible]

Bridge Location - "7"

Low Water Crossing Location - "8"

Outfall Location - "9"



Bridge Location - "7"
Low Water Crossing Location - "8"
Outfall Location - "9"