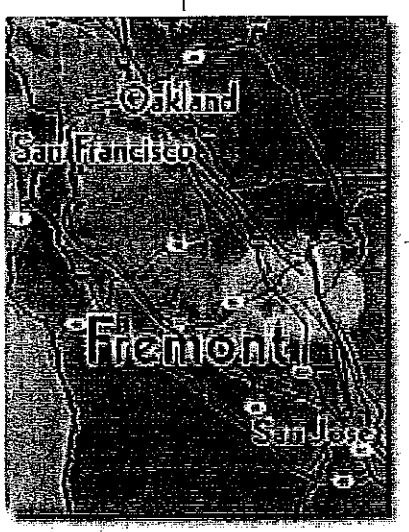
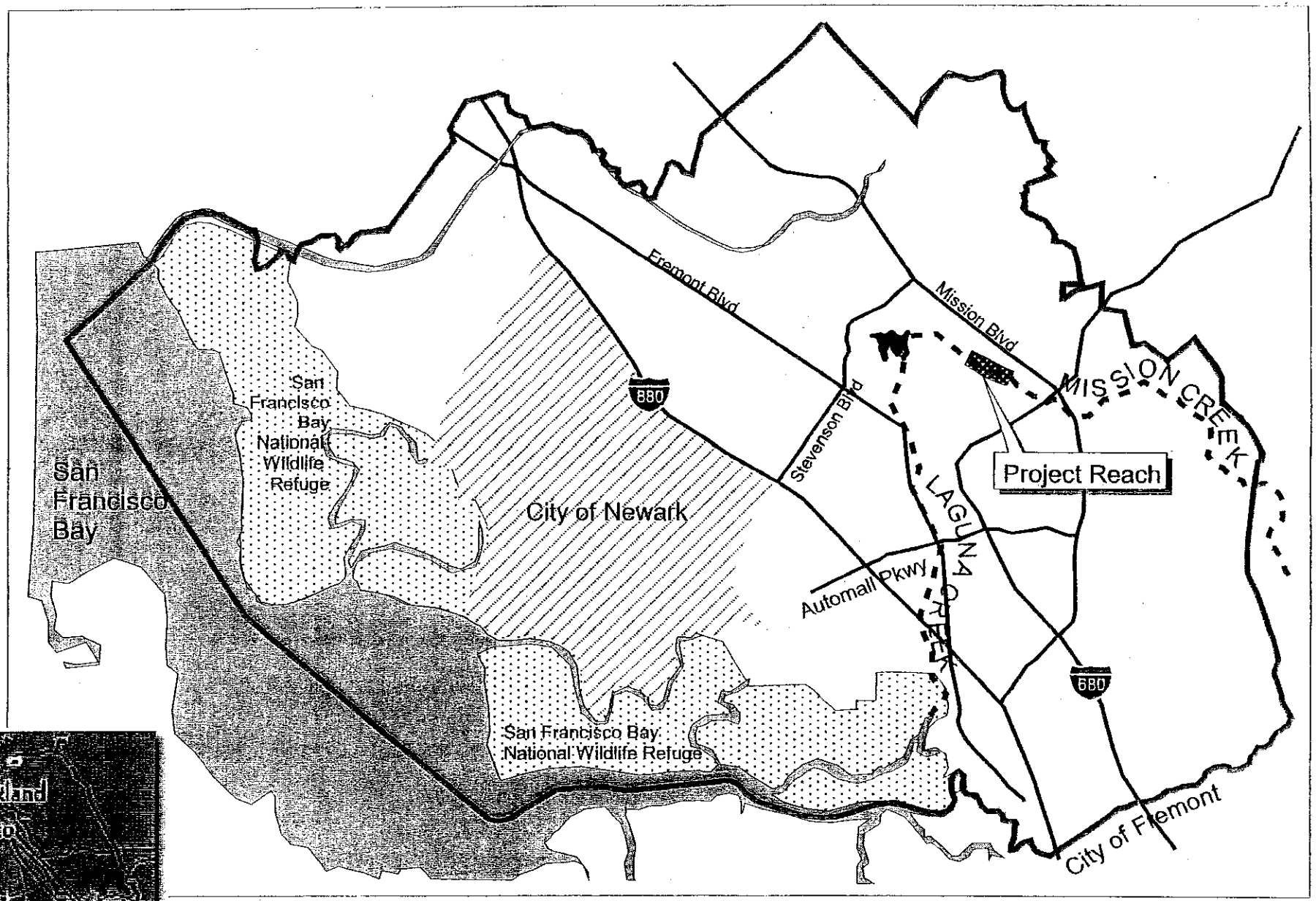


City of Fremont



N

2 0 2 4 Miles

QUESTA ENGINEERING CORP

PROJECT VICINITY

MISSION CREEK RESTORATION PROJECT

ALAMEDA COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT

Figure 1

N

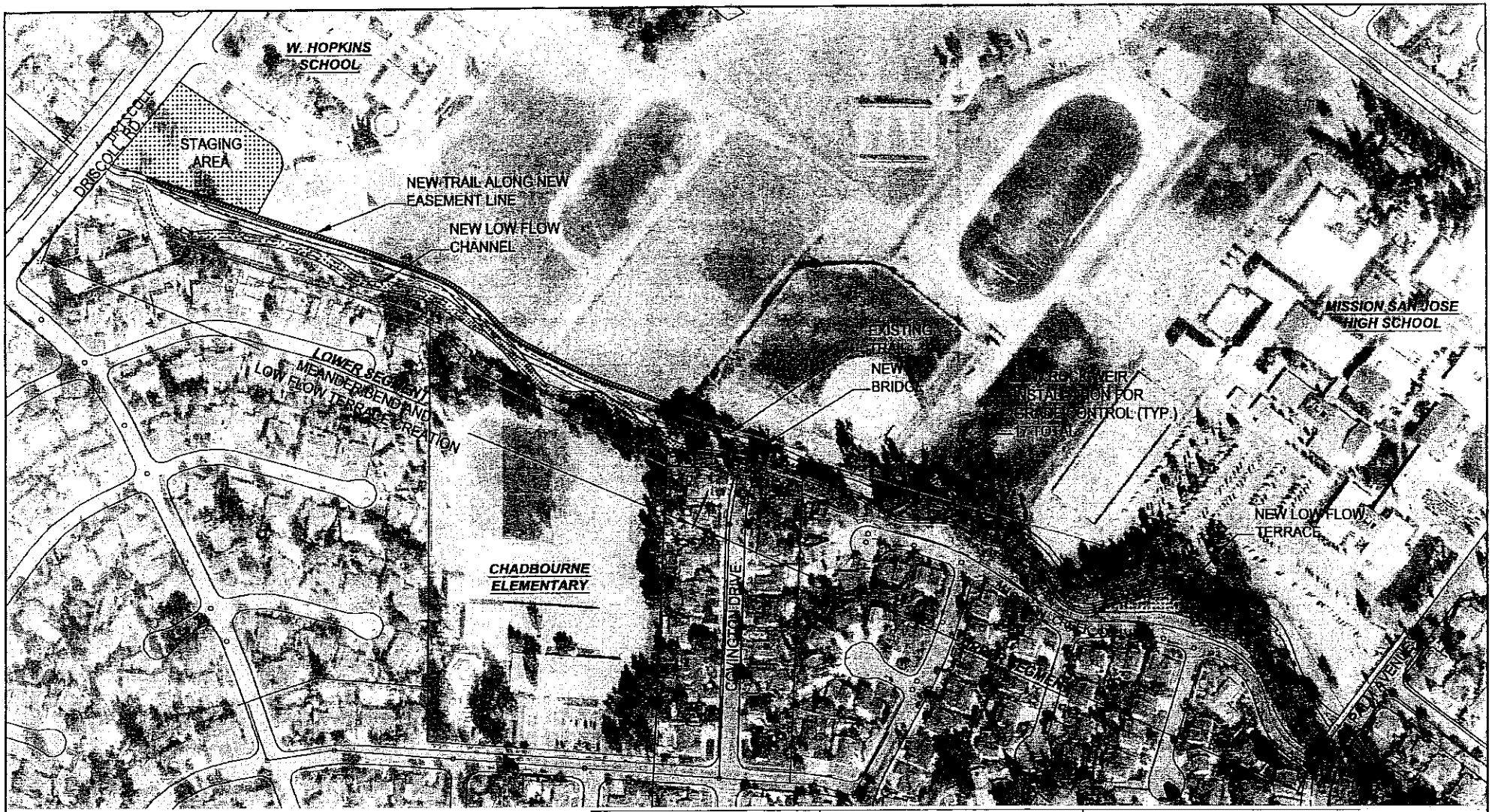
0.05 0 0.05 0.1 Miles

WATERS OF THE UNITED STATES
Area within OHWM
OHWM = 2-year flow
Area = 53,000 sq. ft. = 1.2 acres

BLOCK 22: SURFACE AREAS OF WETLANDS OR OTHER WATERS FILLED

MISSION CREEK RESTORATION PROJECT
ALAMEDA COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT

Figure 2



Date:	3 / 1 / 2002
Drawn:	L.I.
Appr'd:	S.T.
Proj. No:	20184

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SITE PLAN

MISSION CREEK
FREMONT, CALIFORNIA

Figure 3

Date:	5 / 15 / 2002
Drawn:	L.I.
Appr'd:	S.T.
Proj. No:	20184

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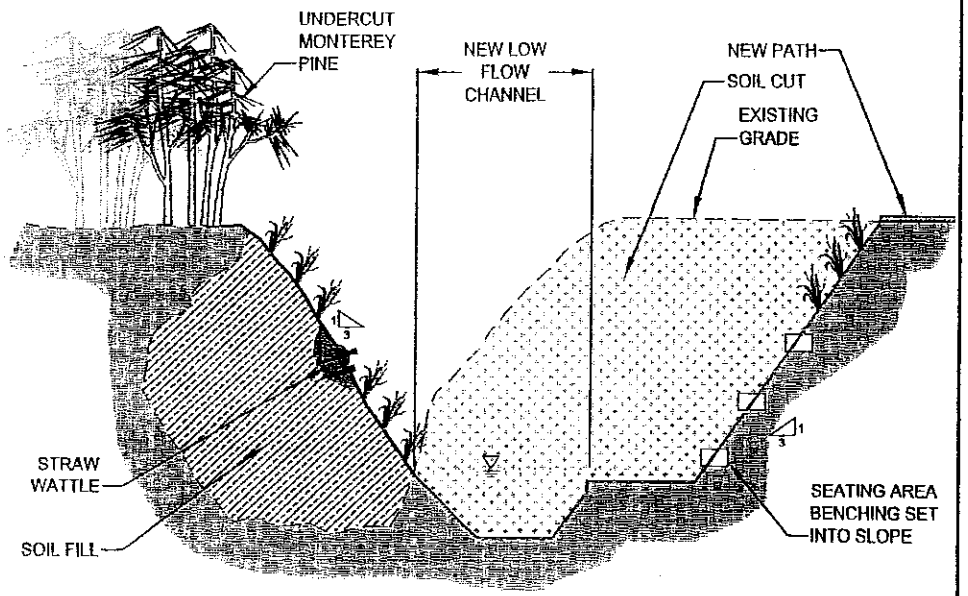
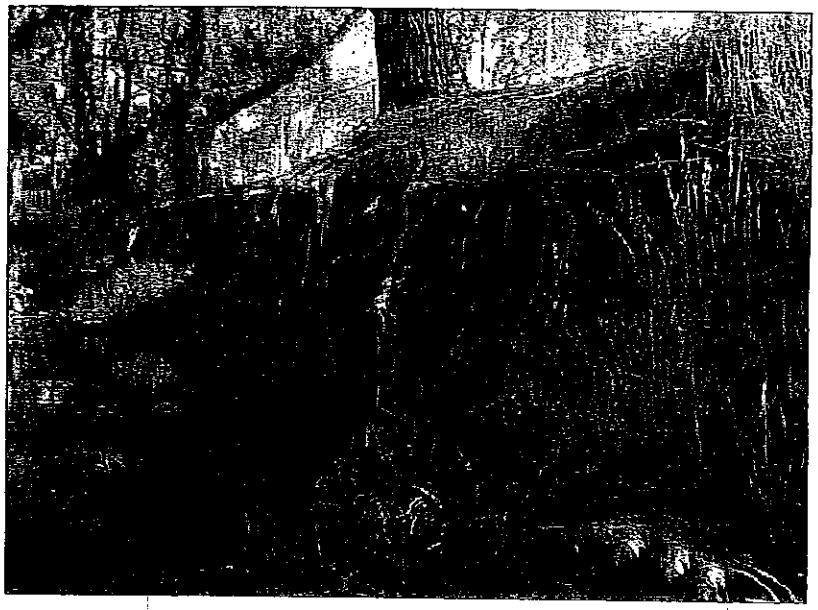
LOWER SEGMENT
MEANDER CREATION AND
BANK STABILIZATION
FREMONT, CALIFORNIA

Figure 4

N:\2000\20184-MISSIONCREEK\WORKING\20184 LO-MEANDER-FIG4.dwg, 05/20/2002 02:08:21 PM, Acrobat Distiller





UNDERCUT MONTEREY PINES

Date:	5 / 15 / 2002
Drawn:	L.I.
Apprd:	C.W.
Dwg. No:	20184_UNDERCUT-FIG4B

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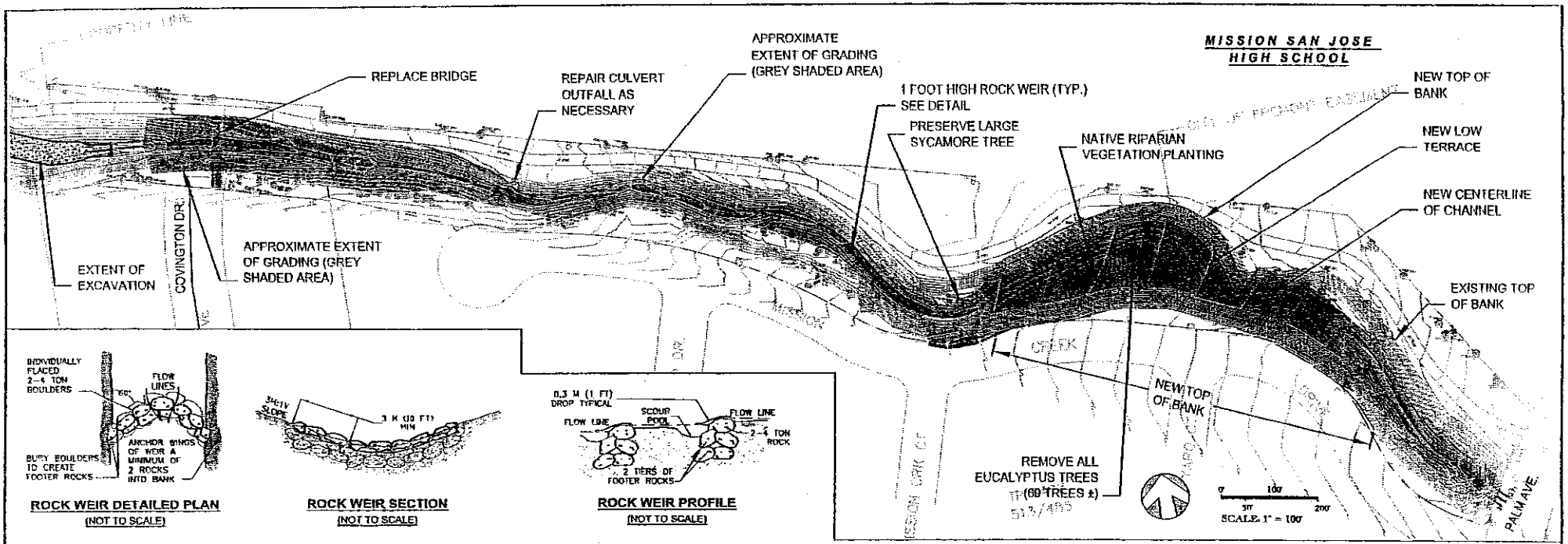
LOWER SEGMENT
UNDERCUT BANKS EROSION REPAIR
MISSION CREEK
FREMONT, CALIFORNIA

FIGURE
5

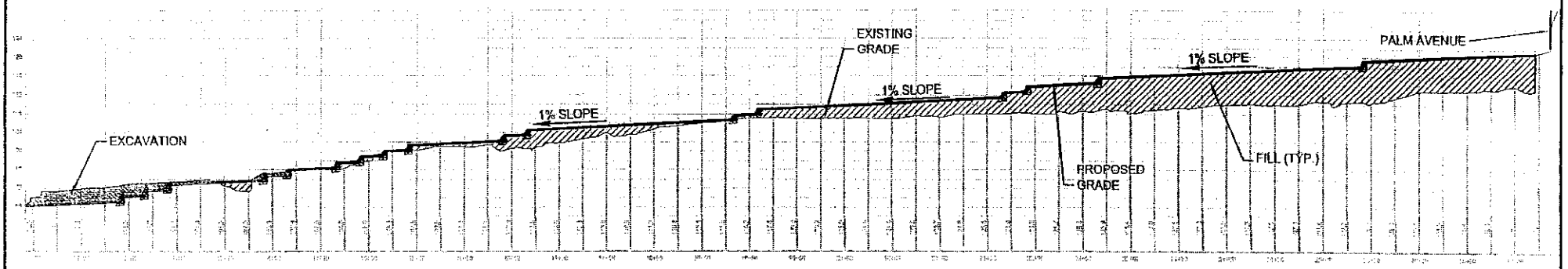
W:\2000\20184-MISSIONCREEK\WORKING\20184_UNDERCUT-FIG4B.dwg, 05/20/2002 02:14:34 PM, Acrobat Distiller



ROCK WEIR DETAILED PLAN
(NOT TO SCALE)

ROCK WEIR SECTION
(NOT TO SCALE)

ROCK WEIR PROFILE
(NOT TO SCALE)



PROFILE (SCALE: H : 1" = 50'; V: 1" = 10')

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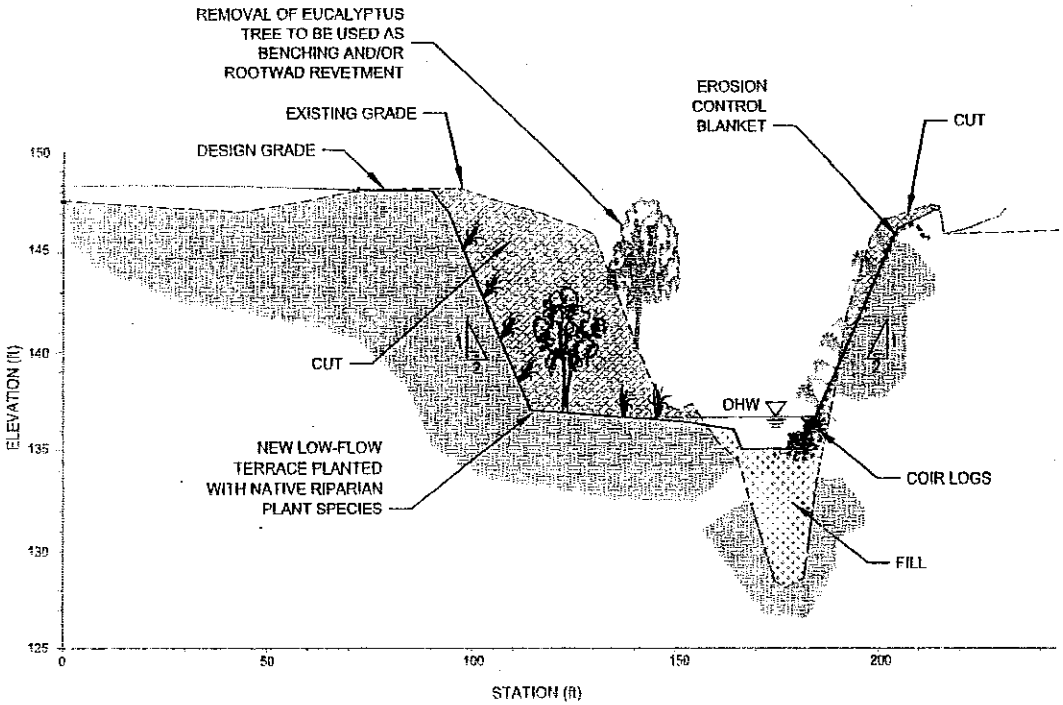
UPPER SEGMENT
BOULDER DROP STRUCTURE PLACEMENT
FREMONT, CALIFORNIA

FIGURE
Figure 6

A:\2000\20184-MISSIONCREEK\WORKING\20184 Low Rock Weir Alternative FIG6.dwg, 05/20/2002 02:29:22 PM, Acrobat Distiller



NEW LEFT BANK LOW-FLOW TERRACE

BANK EROSION TYPICAL OF OUTSIDE MEANDER BENDS UNDER EXISTING CONDITIONS IN UPPER SEGMENT,

Date:	5 / 15 / 2002
Drawn:	L.I.
Appr'd:	C.W.
Proj. No:	20184

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UPPER SEGMENT
CREATION OF LOW-FLOW TERRACE
MISSION CREEK
FREMONT, CALIFORNIA

FIGURE 7

W:\2000\20184-MISSIONCREEK\WORKING\20184 FIG6A.dwg, 05/20/2002 02:42:52 PM, Acrobat Distiller