Figure 1. Vicinity Map-Centerra East Project (Corps#200380023)

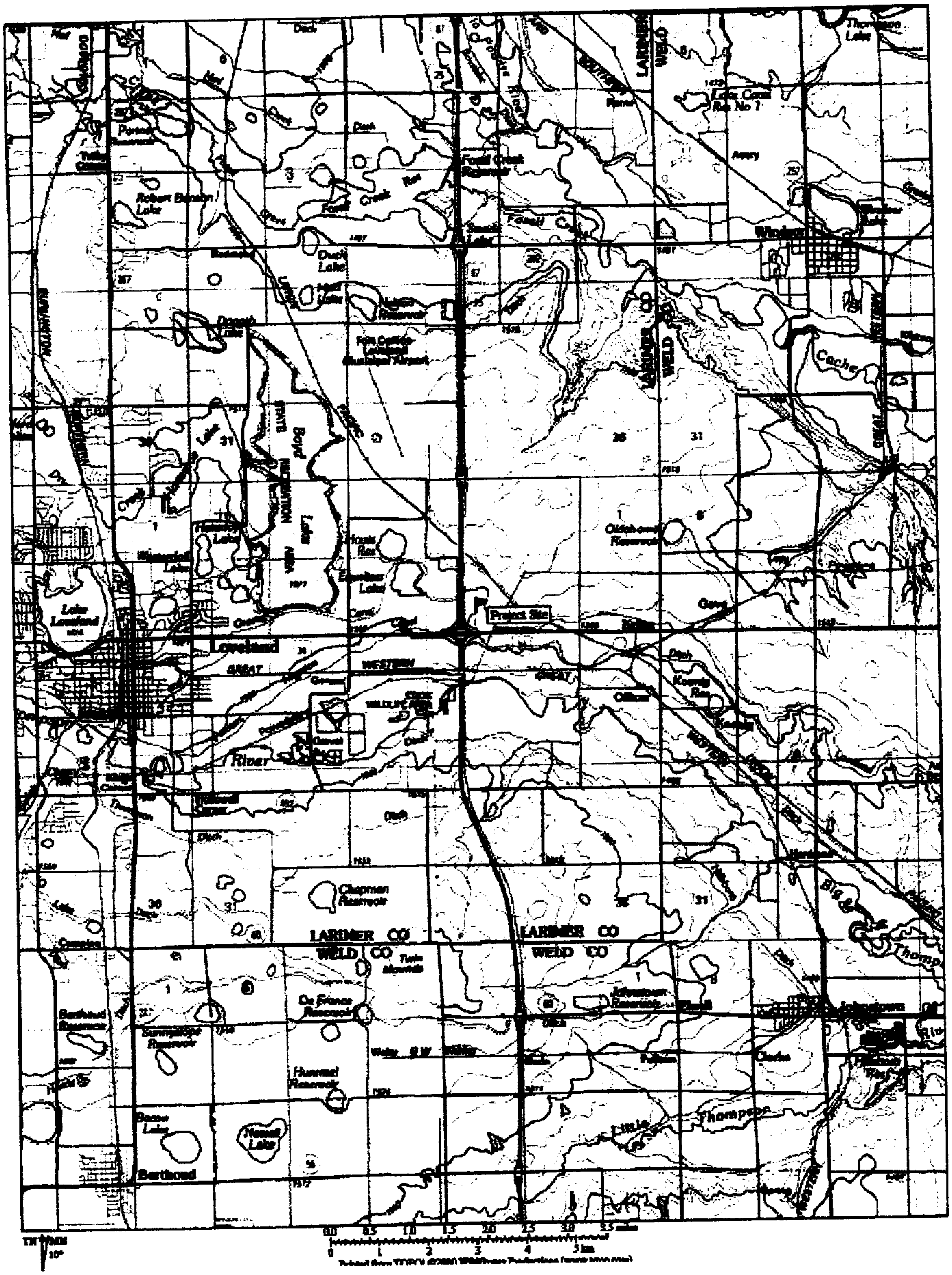
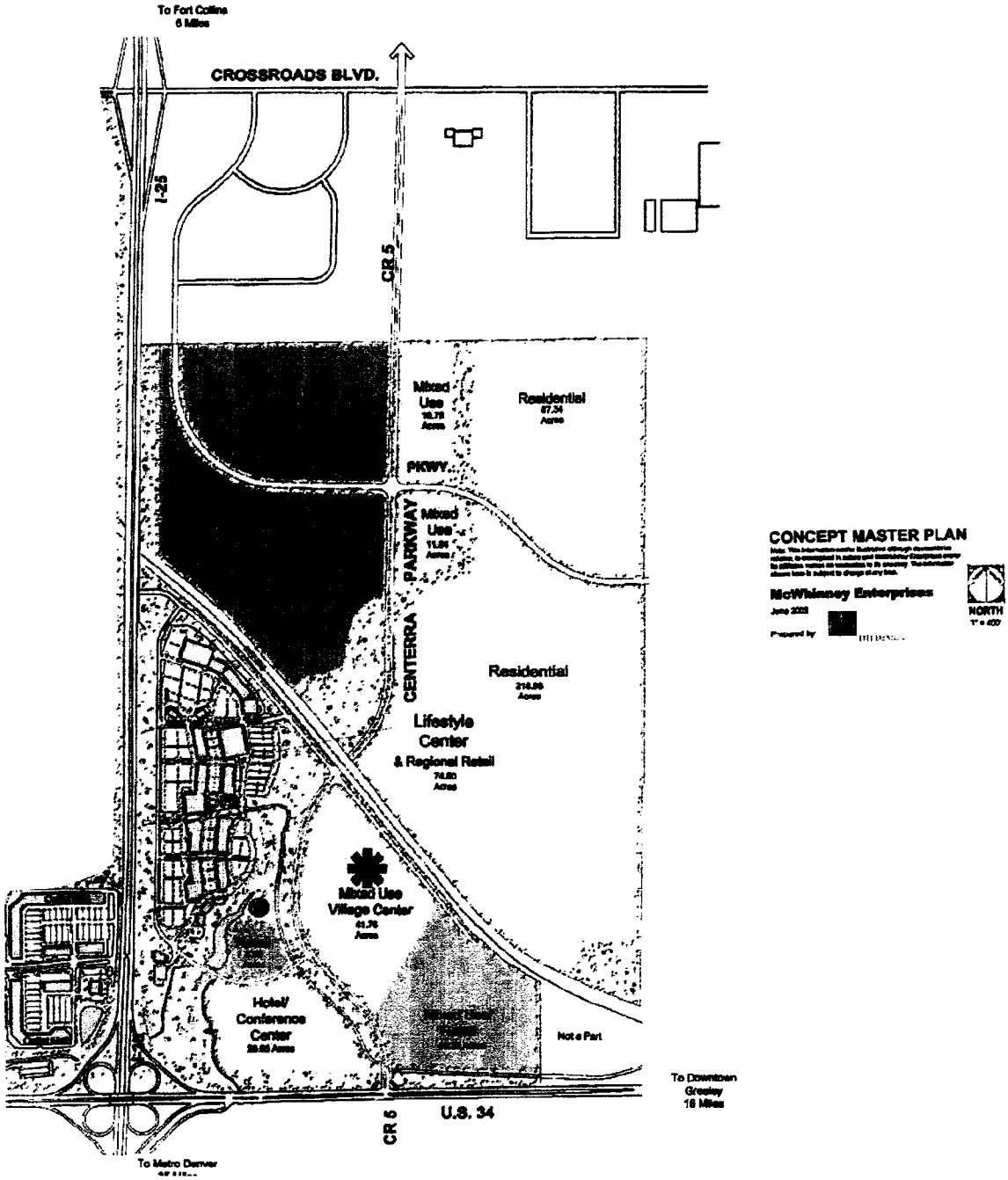


Figure 2. Centerra East Project Site Concept Master Plan (Corps#200380023)



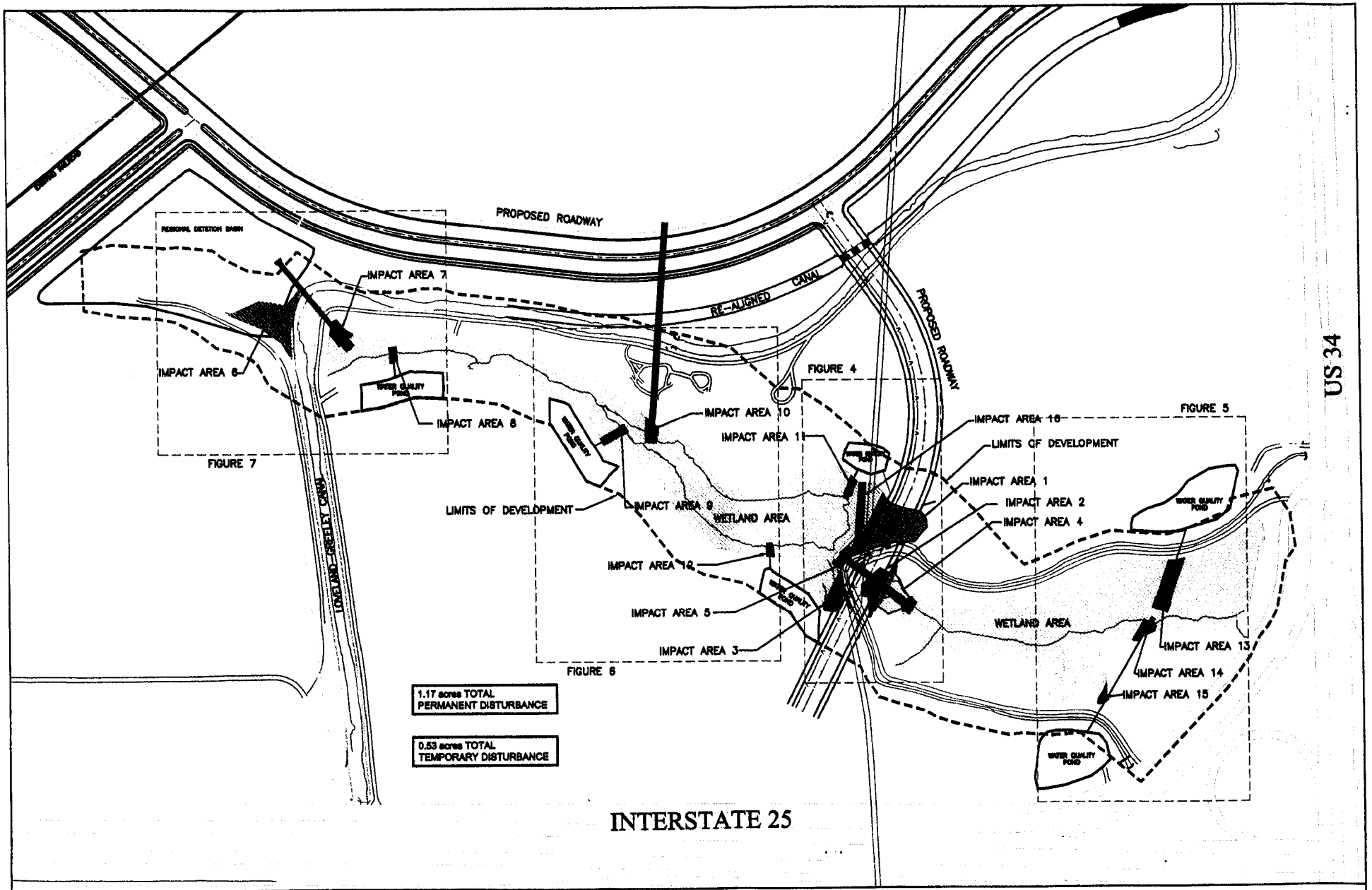


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FIGURE 3. PROJECT OVERVIEW-KEY MAP
CENTERRA EAST PROJECT
City of Loveland, Larimer County, Colorado
September 5, 2003

Corps# 200380023

NORTH
1"=400'

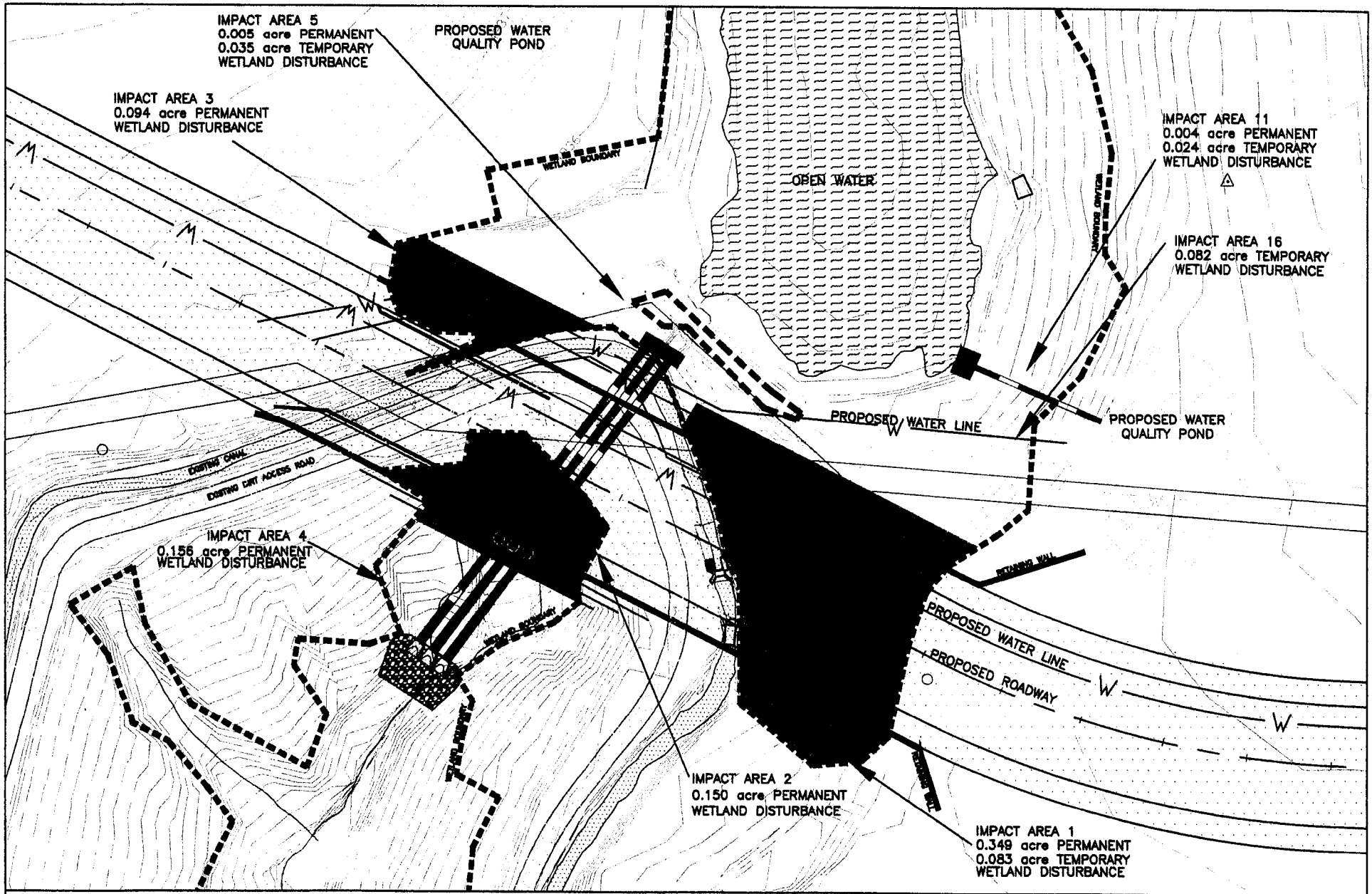

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FIGURE 4. IMPACT AREAS 1, 2, 3, 4, 5, 11 & 16
CENTERRA EAST PROJECT
City of Loveland, Larimer County, Colorado
September 5, 2003

Corps#200380023

NORTH

1"=80'

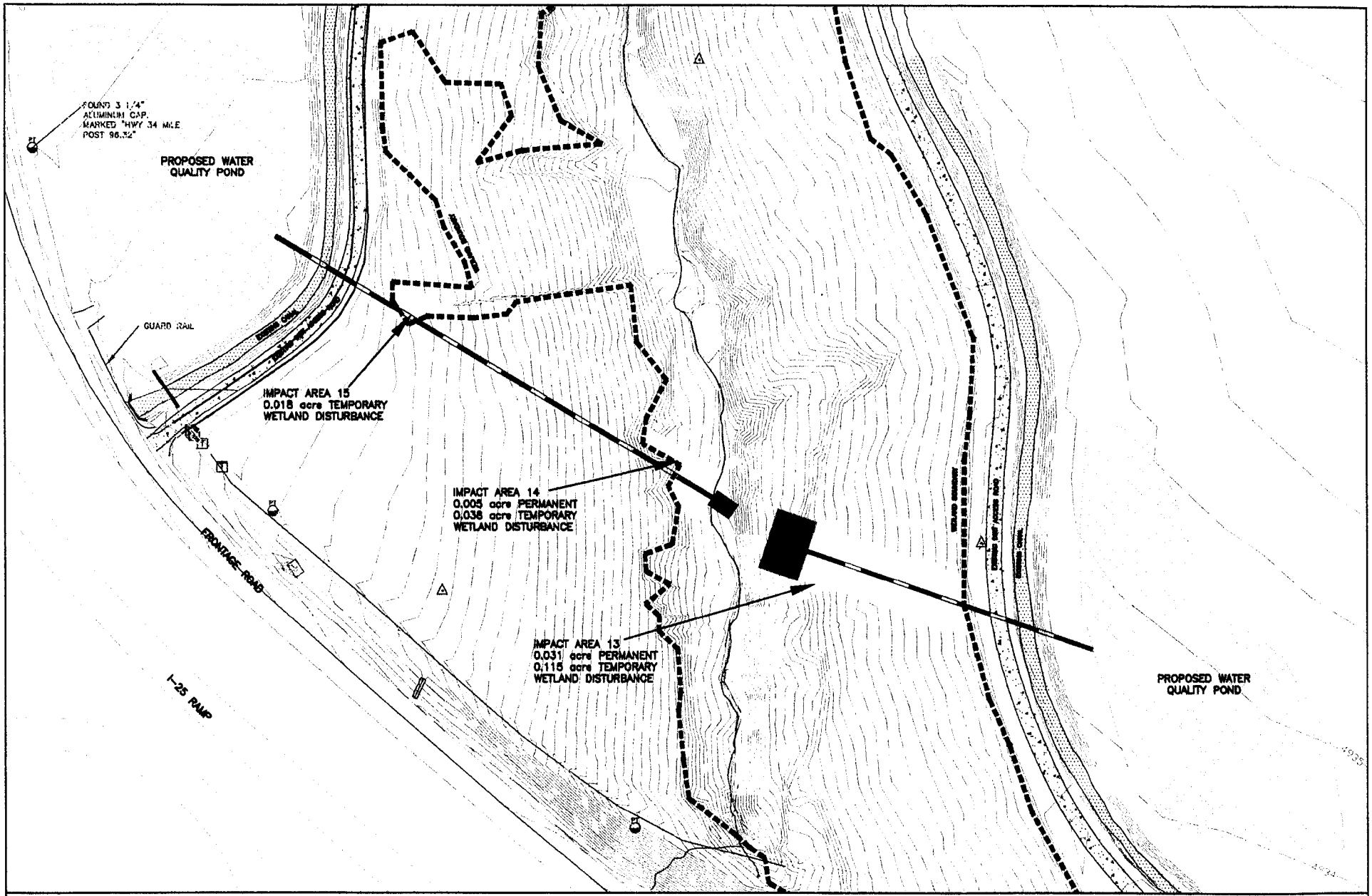

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FIGURE 5. IMPACT AREAS 13, 14 & 15
CENTERRA EAST PROJECT
City of Loveland, Larimer County, Colorado
September 5, 2003

Corps#200380023

NORTH

1"=100'

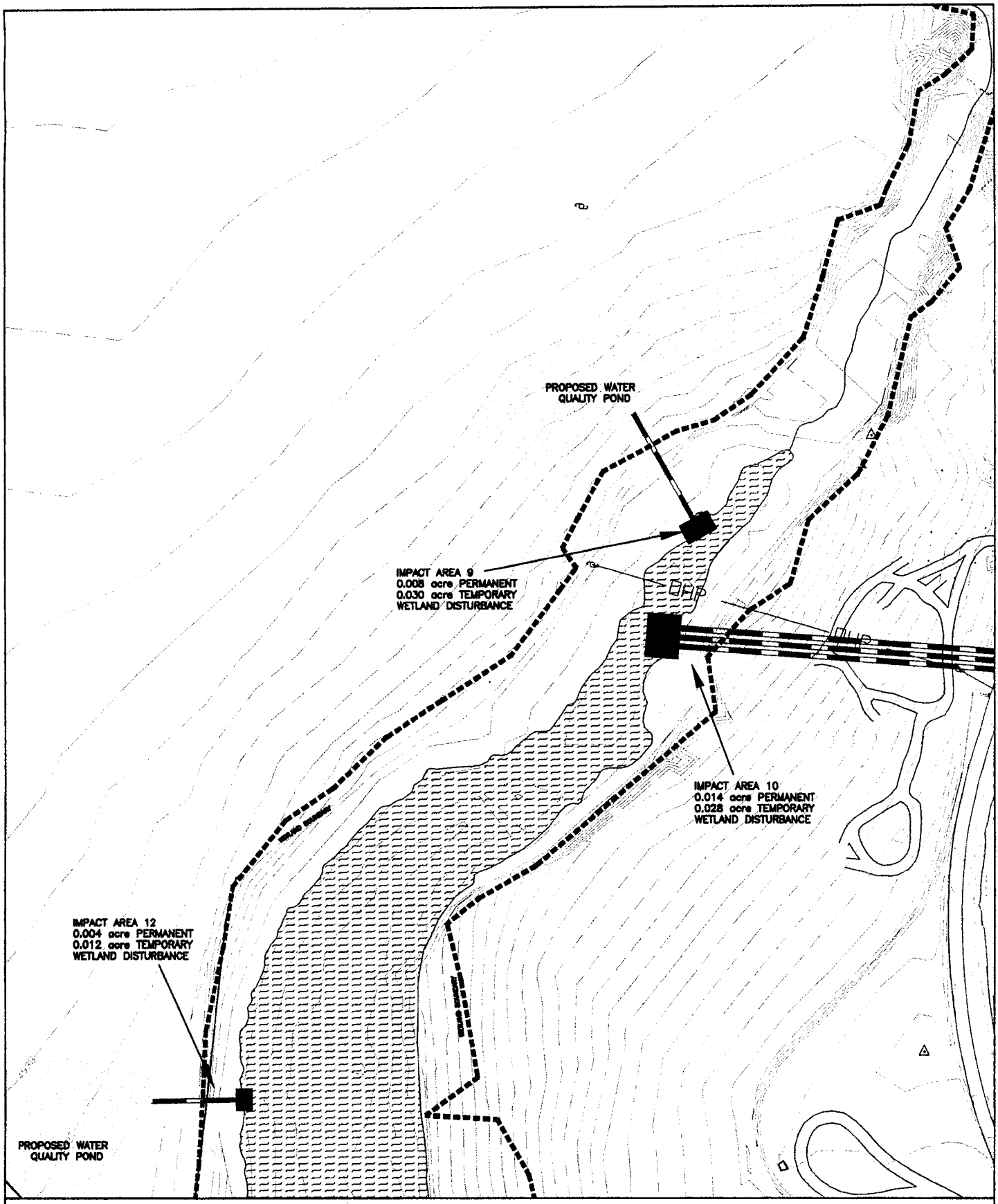

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FIGURE 6. IMPACT AREAS 9, 10 & 12
CENTERRA EAST PROJECT
City of Loveland, Larimer County, Colorado
September 5, 2003

Corps#200380023

NORTH

1"=100'

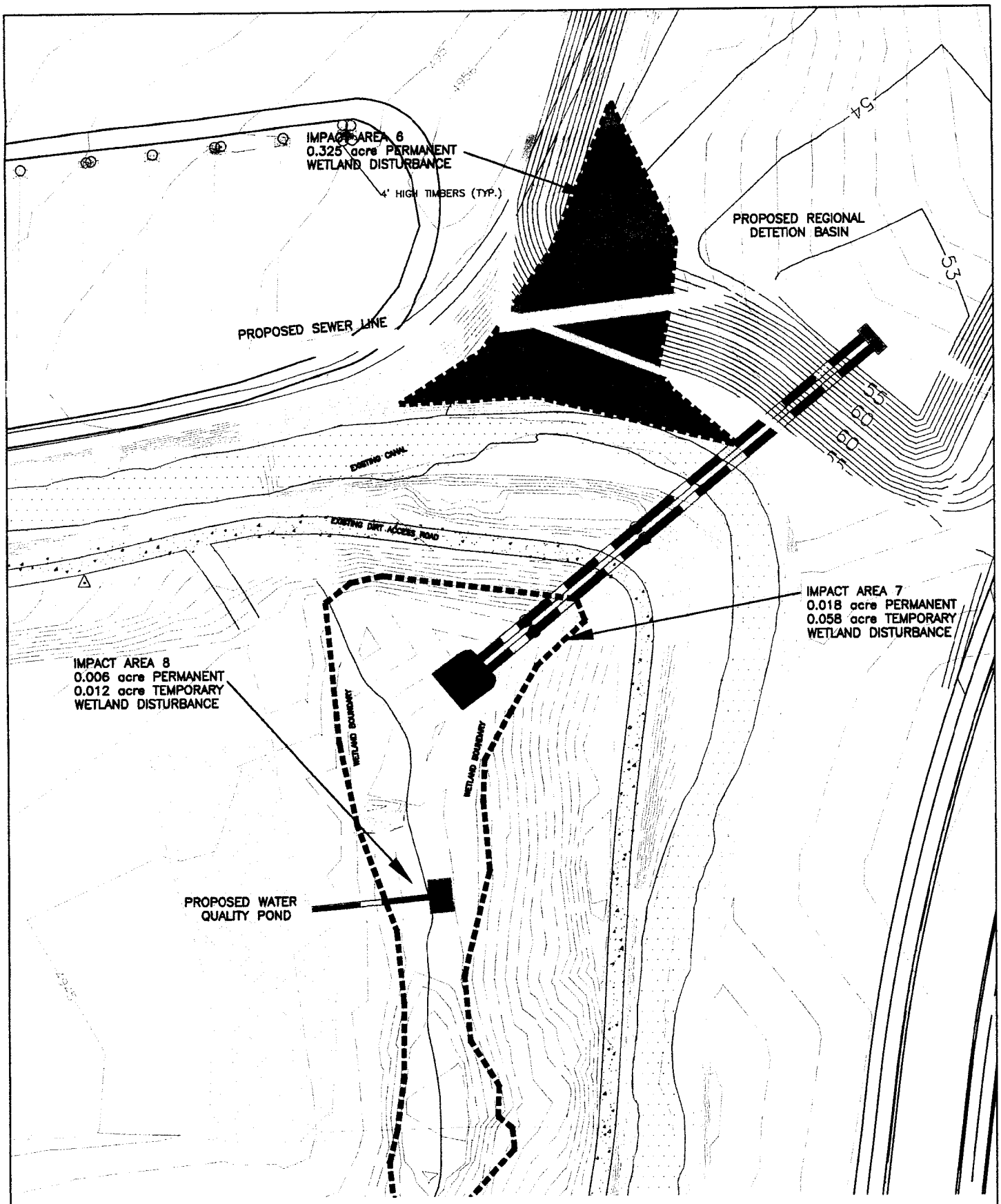

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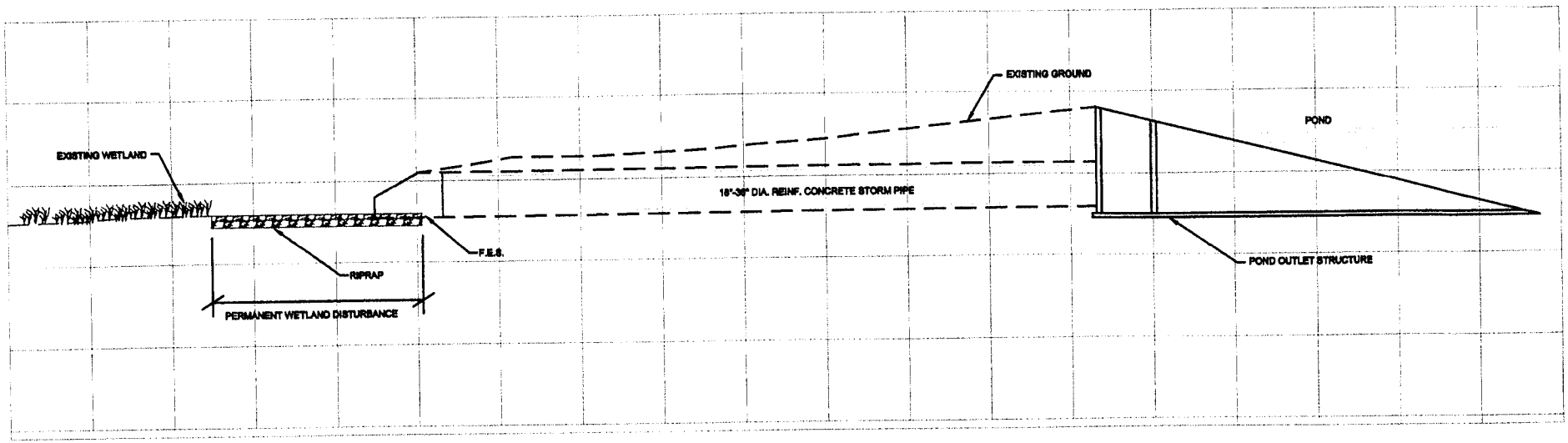
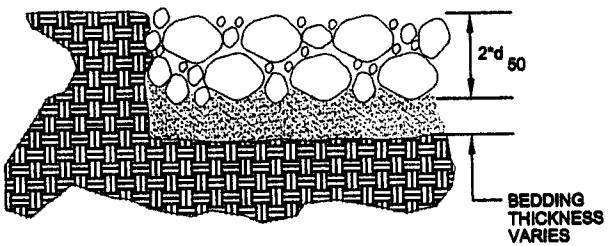
FIGURE 7. IMPACT AREAS 6, 7 & 8
CENTERRA EAST PROJECT
City of Loveland, Larimer County, Colorado
September 5, 2003

Corps#200380023

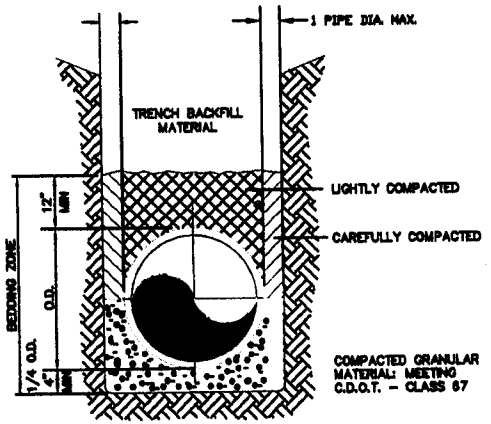
NORTH

1"=80'





RIPRAP INSTALLATION TYPICAL DETAIL



PIPE INSTALLATION TYPICAL DETAIL
WATER QUALITY POND OUTFALLS AND UTILITIES

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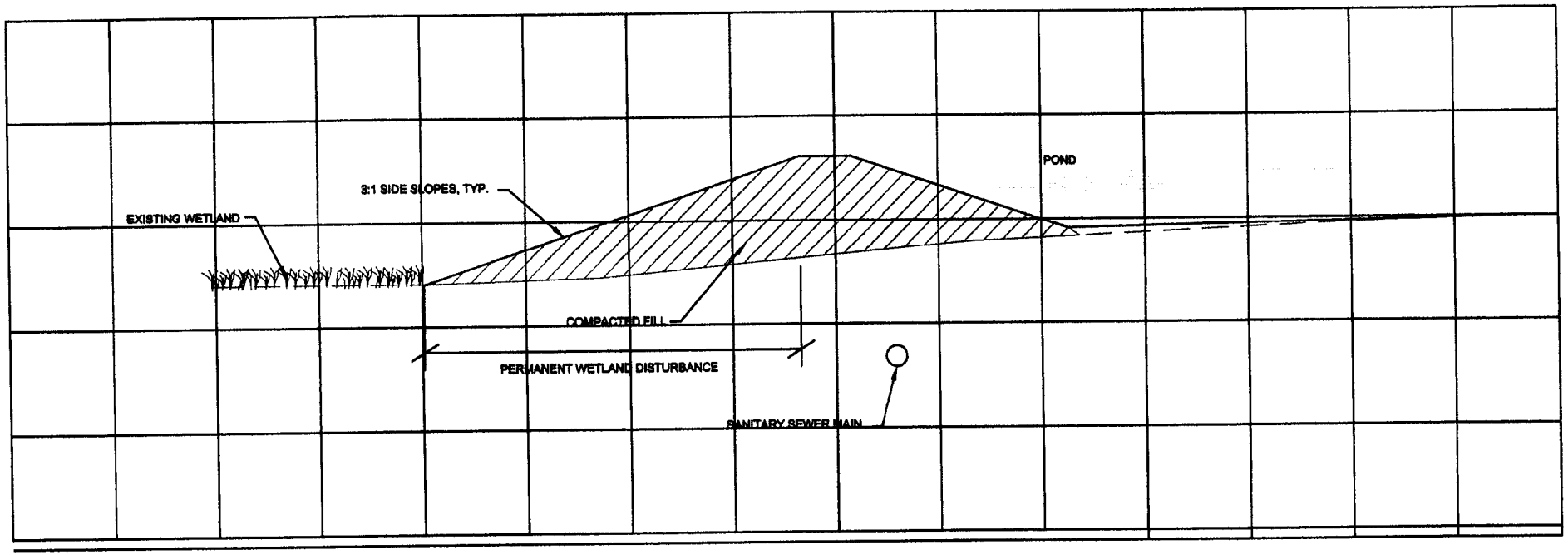
FIGURE 8. TYPICAL SECTION VIEW OF STORM LINE FROM
WATER QUALITY POND AND DETENTION POND INTO WETLAND

CENTERRA EAST
City of Loveland, Larimer County, Colorado
September 5, 2003

Corps# 200380023



NORTHERN ENGINEERING SERVICES, INC.
Ecological Resource Consultants, Inc.

FIGURE 9. TYPICAL SECTION OF DETENTION BERM THROUGH WETLAND-IMPACT AREA 6

CENTERRA EAST
City of Loveland, Larimer County, Colorado
September 5, 2003

Corps# 200380023

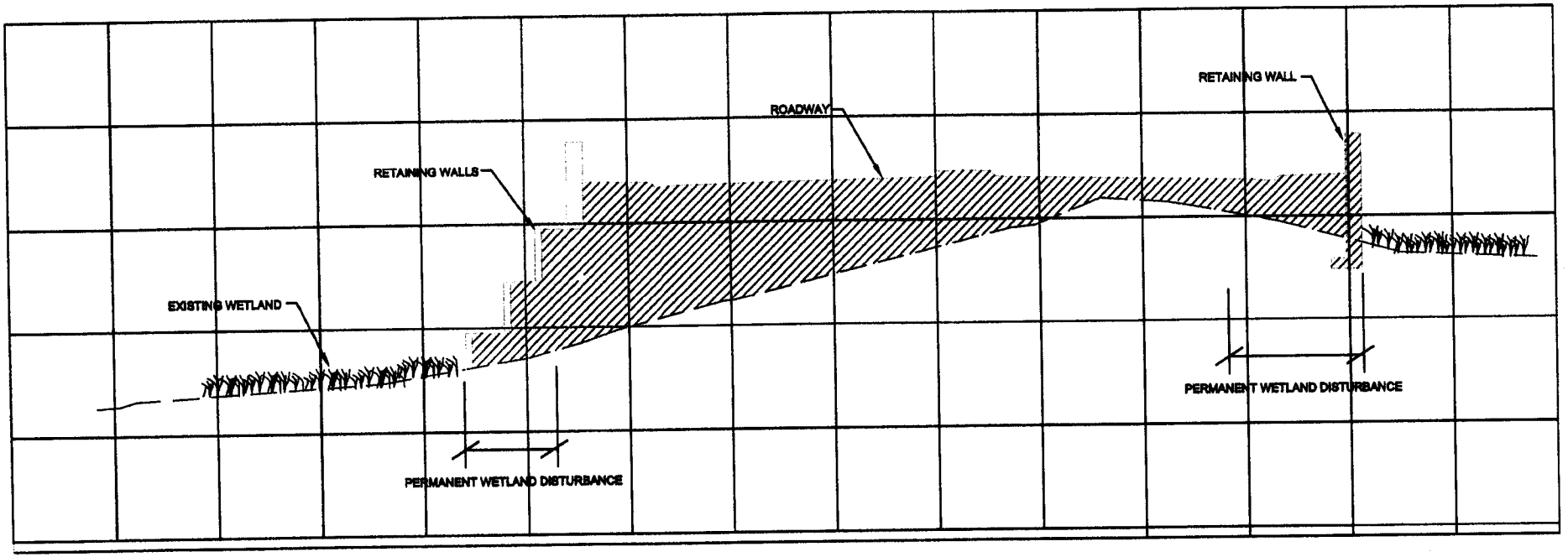


FIGURE 10. TYPICAL SECTION VIEW OF ROADWAY CROSSING THROUGH WETLAND
IMPACT AREAS 1, 2, 3 & 4
CENTERRA EAST
City of Loveland, Larimer County, Colorado
September 5, 2003

NORTHERN ENGINEERING SERVICES, INC.
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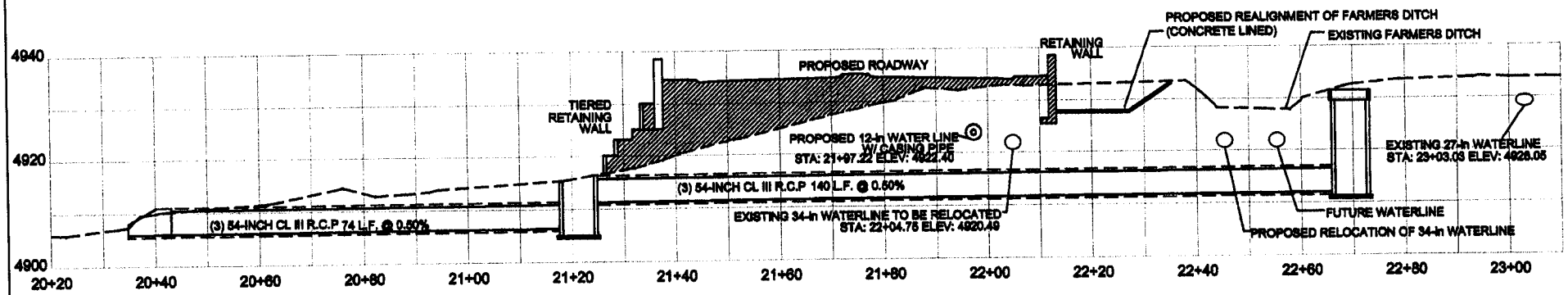
Corps# 200380023



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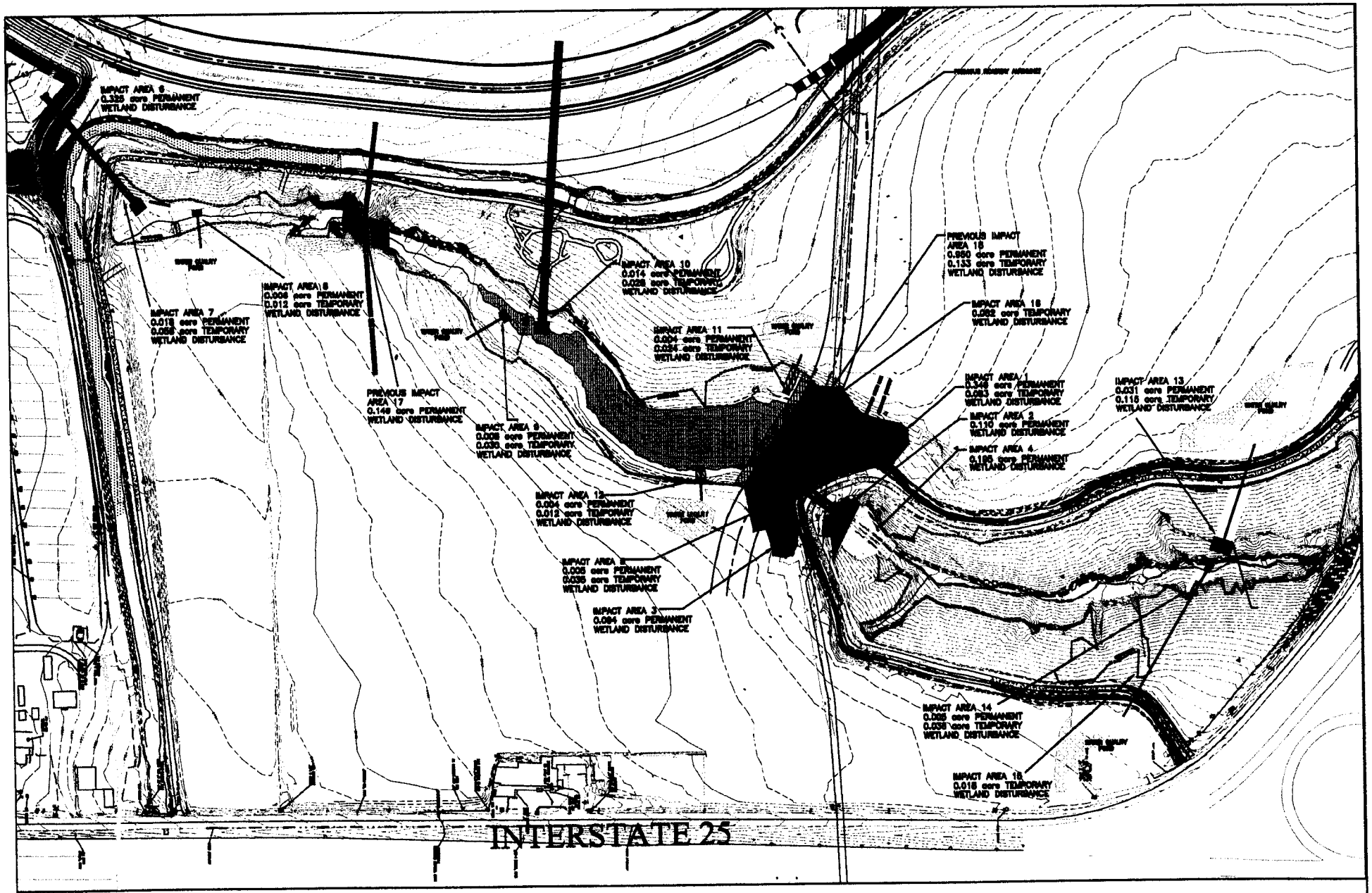
Ecological Resource Consultants, Inc.

FIGURE 11. TYPICAL SECTION VIEW OF ROADWAY CROSSING OF WETLAND
IMPACT AREAS 2, 4, 5 & 16

CENTERRA EAST
City of Loveland, Larimer County, Colorado
September 5, 2003

Corps# 200380023



NORTHERN ENGINEERING SERVICES, INC.

FIGURE 12. ALTERNATIVE B -SITE PLAN
CENTERRA EAST PROJECT
City of Loveland, Larimer COunty, Colorado
September 5, 2003

NORTH
1"=400'

Corps# 200380023