

Wetland Photographs and Maps

Master Plan Update Improvements Seattle-Tacoma International Airport

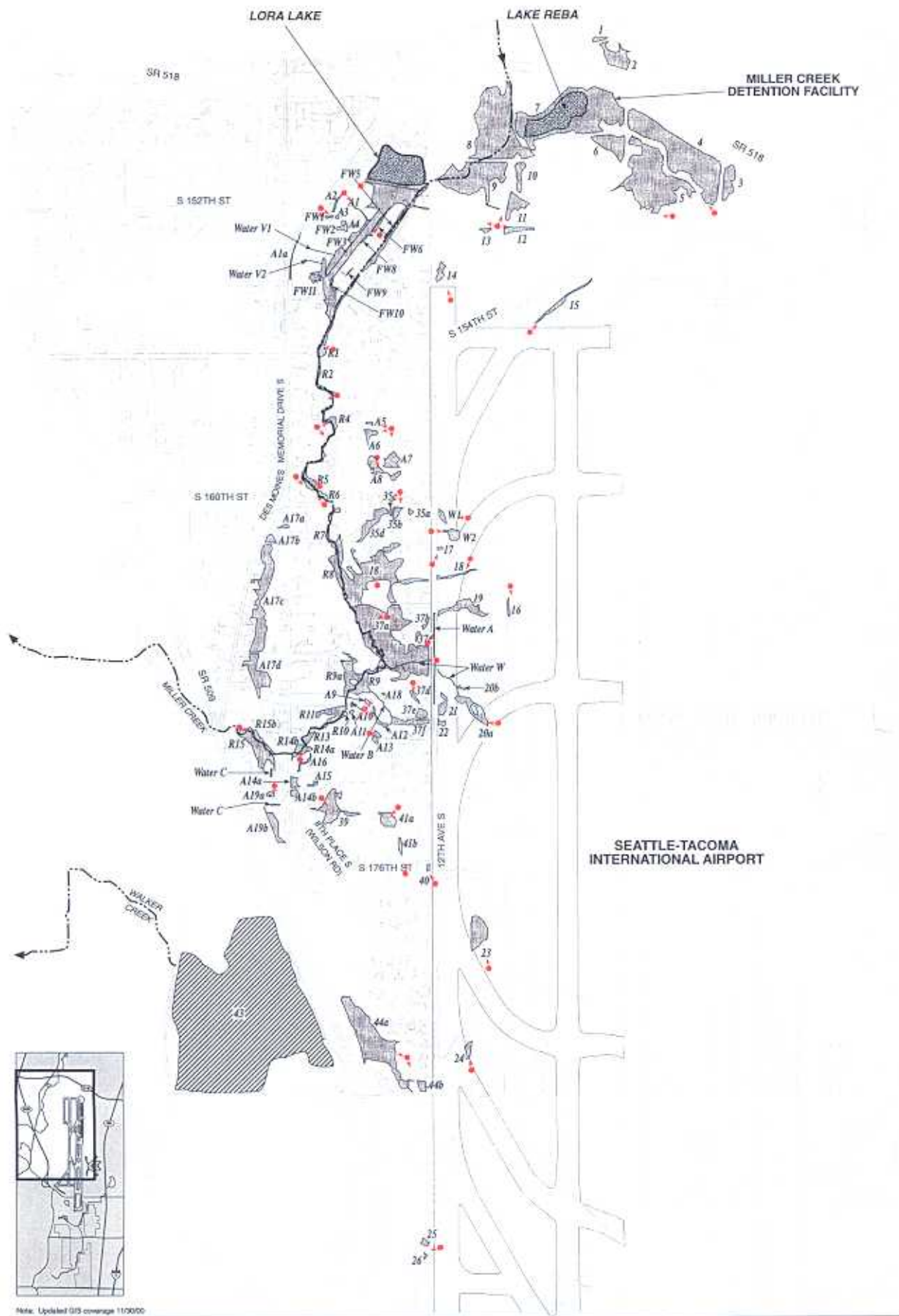


Port of Seattle

Parametrix, Inc.

May 2001

AR 050379



Note: Updated GIS coverage 11/2000

Port of Seattle/Wetland Detention Report 056-2912-00101(41) 5/01 (R)

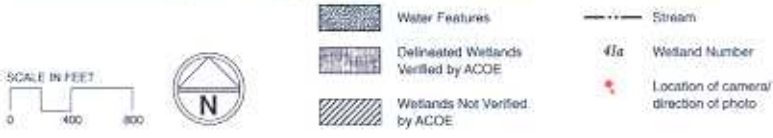
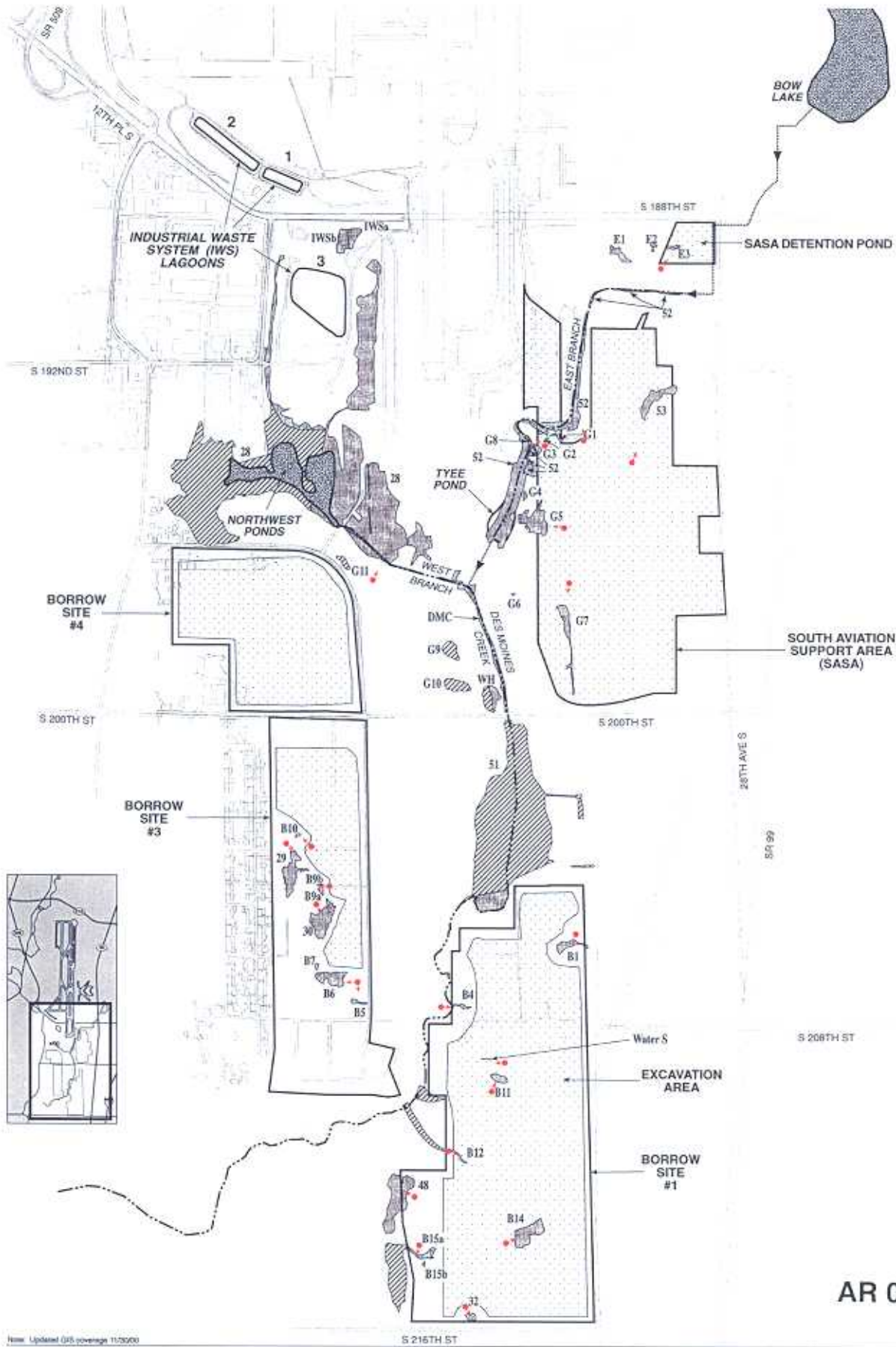


Photo Point for Wetlands and Other Waters of the U.S. in the Miller Creek Basin Near STIA

AR 050381



AR 050382

Note: Updated GIS coverage 11/2000

Part of Desktop/Wetland Delineation Report 056-2912-0010 (41) SW1



- | | |
|--|--|
|  Water Features |  Excavation Area |
|  Delineated Wetlands Verified by ACOE |  Wetlands not Verified by ACOE |
|  Stream |  Piped Stream |
|  B12 Wetland Number |  Camera location/direction of photo |

Photo Point for Wetlands and Other Waters of the U.S. in the Des Moines Creek Basin Near STIA

Wetlands Near the North End (RSAs and 154th Street Relocation)



Wetland 5



Wetland 4 and portions of Wetland 5



Wetland 11



Wetland 12



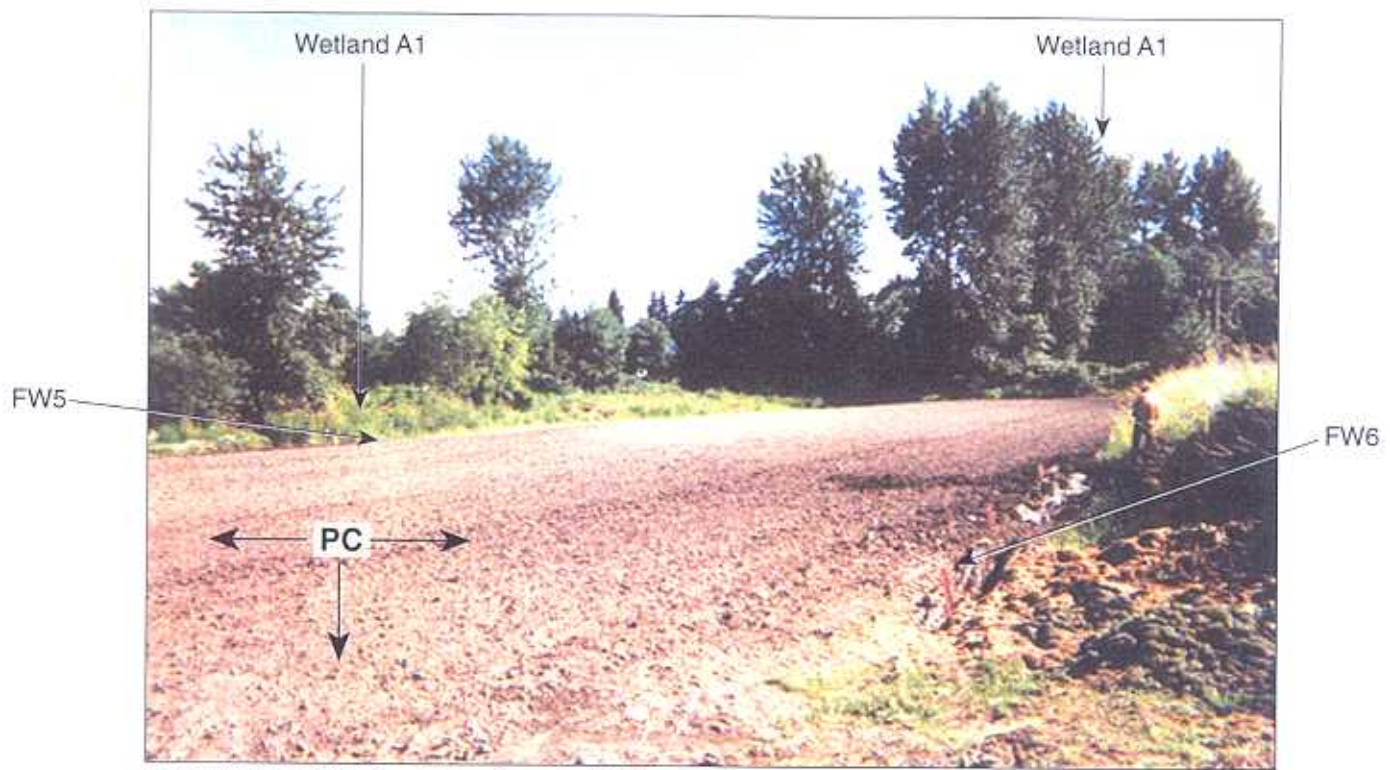
Wetland 13



Sediment
and
Erosion
Control

WL14

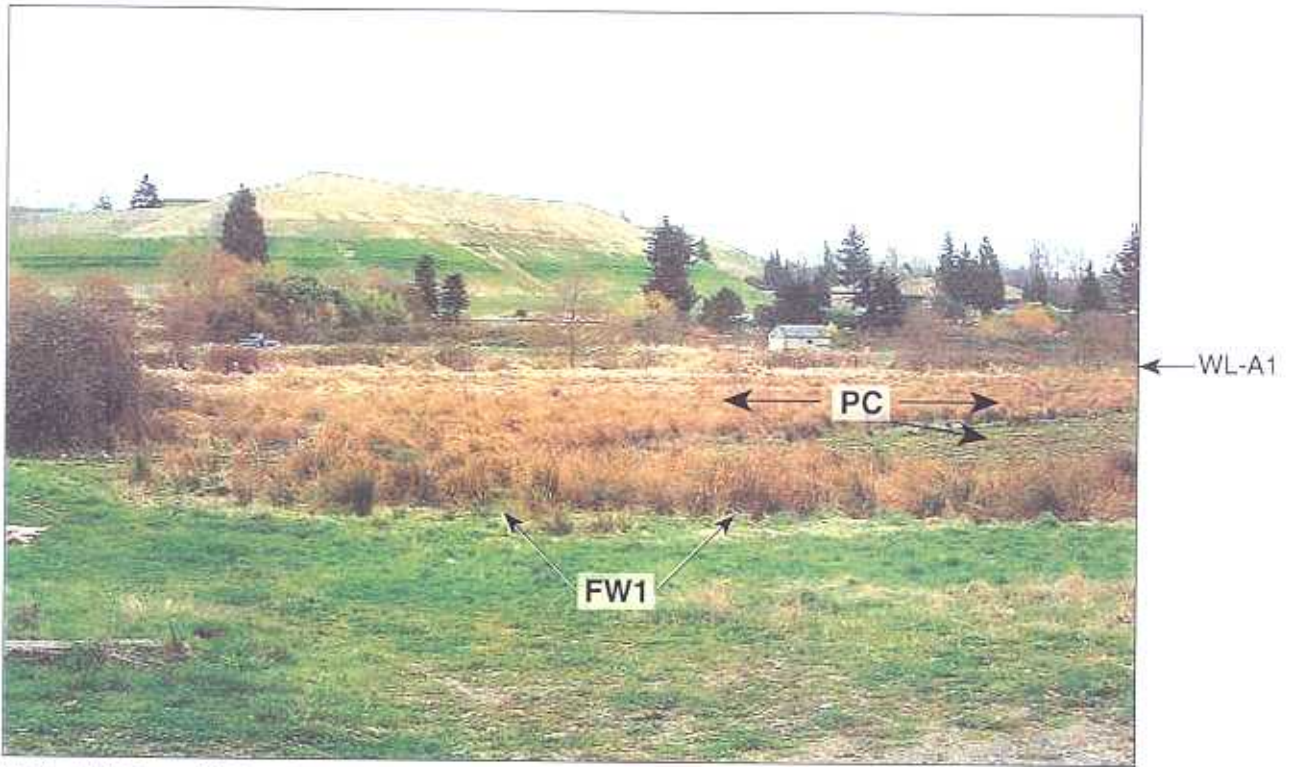
Wetland 14



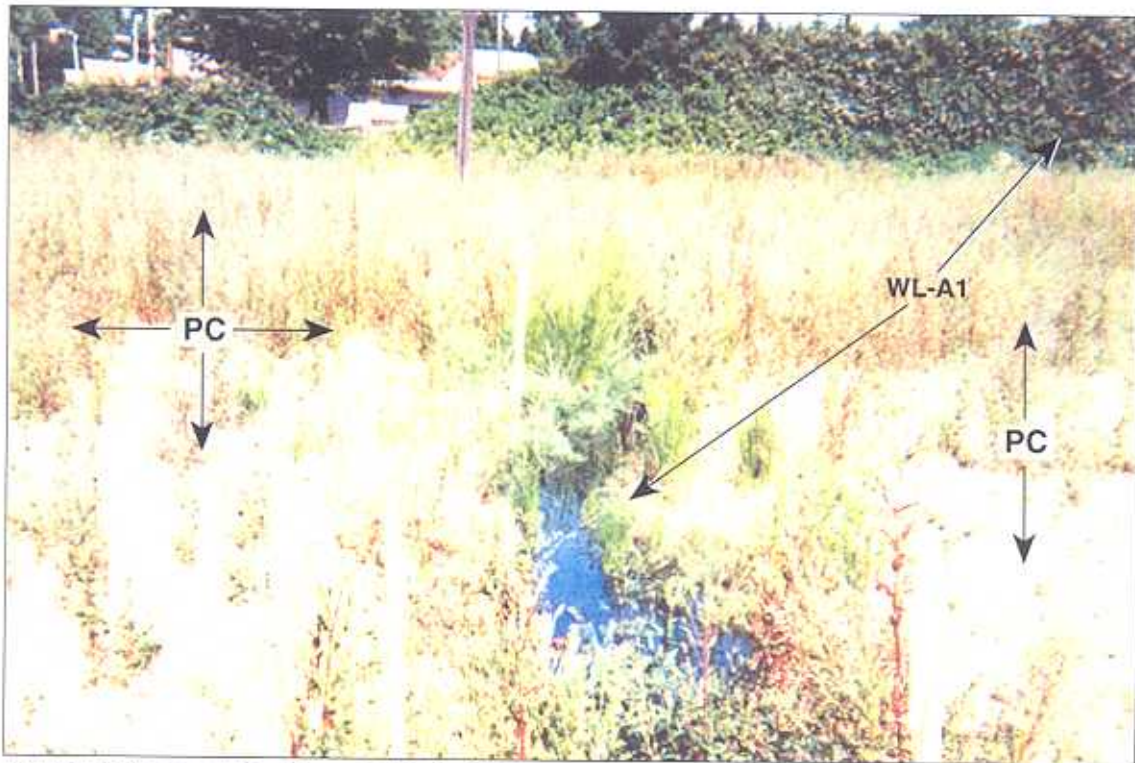
Farmed Wetland 6 (FW6) and Prior Converted Wetlands (PC)



Wetland A2-A4



Wetland A1, Farmed Wetland 1, and Prior Converted Wetland (PC)

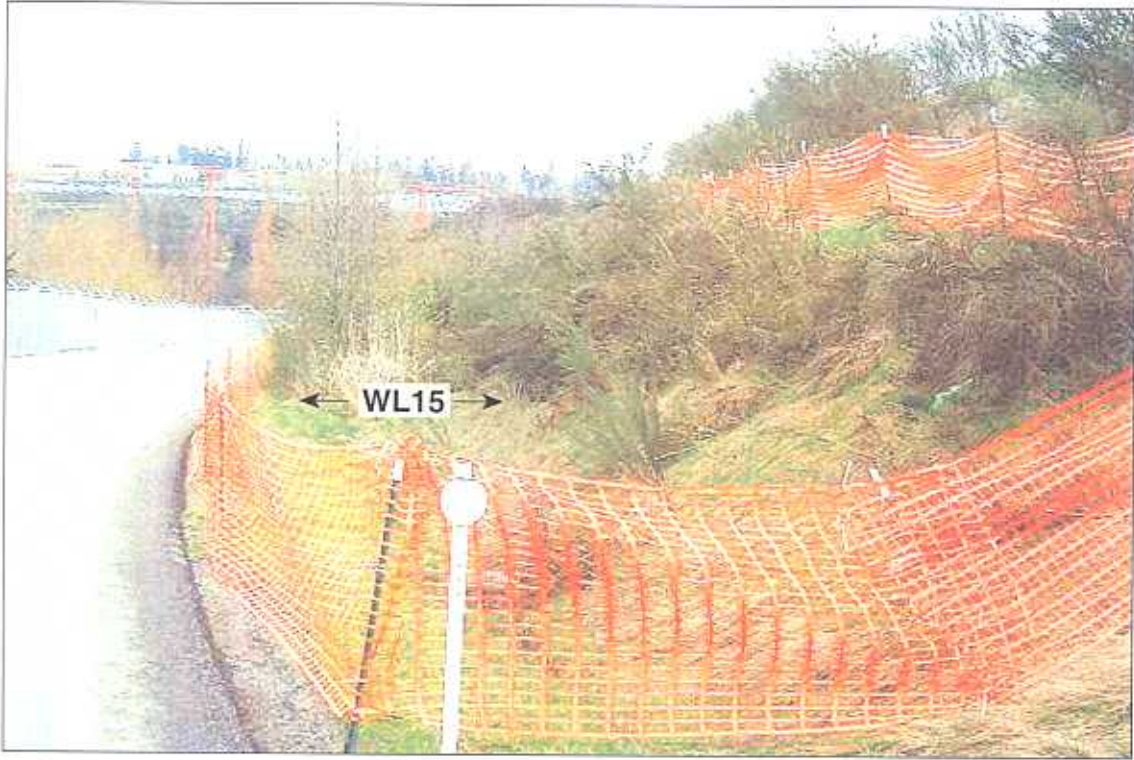


Wetland A1 Vacca and Prior Converted Wetland (PC)



Wetland A1 Lora Lake

Wetlands Located between Miller Creek and the Existing Airfield



Wetland 15



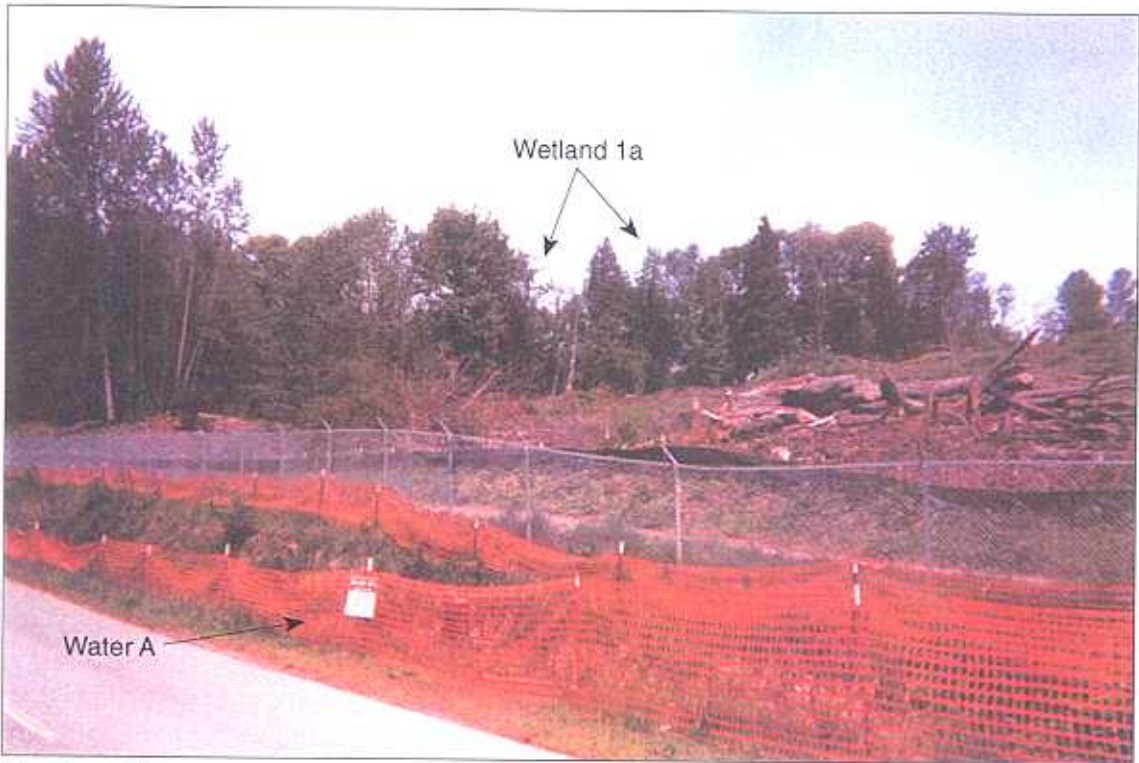
Wetland 16



Wetland 17



Wetland 18



Water A and Wetland 19



Water A and Wetland 21 and 22



Wetland W1 and Wetland W2



Wetland W2



WL18

Upland

Wetland 18



WL20

Upland

Wetland 20



Wetland 32



Wetland 35



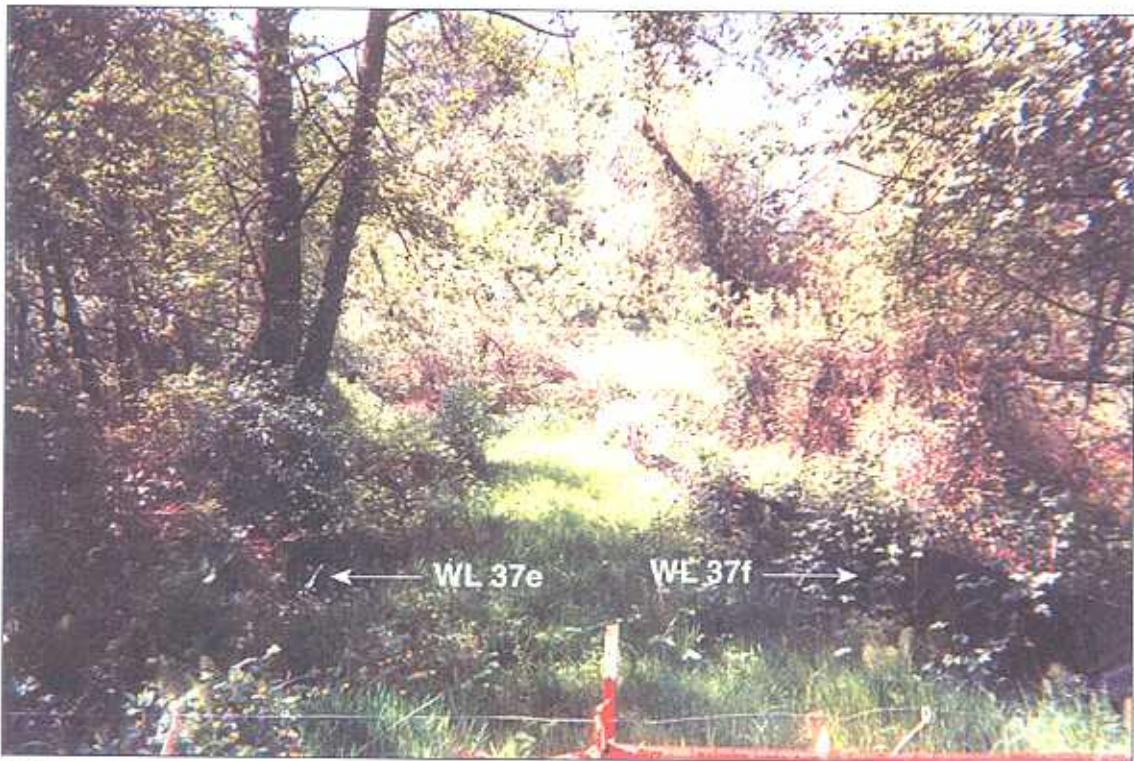
Wetland 35d



Wetland 37



Wetland 37a



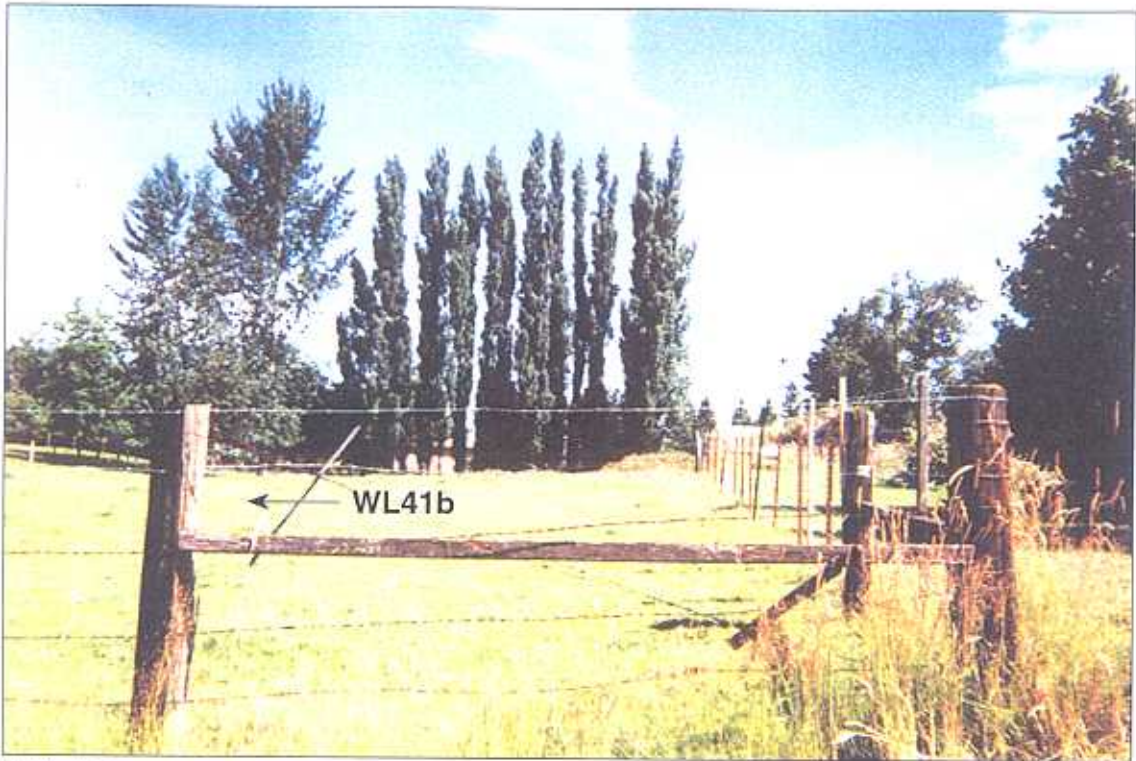
Wetland 37e and 37f



Wetland 40



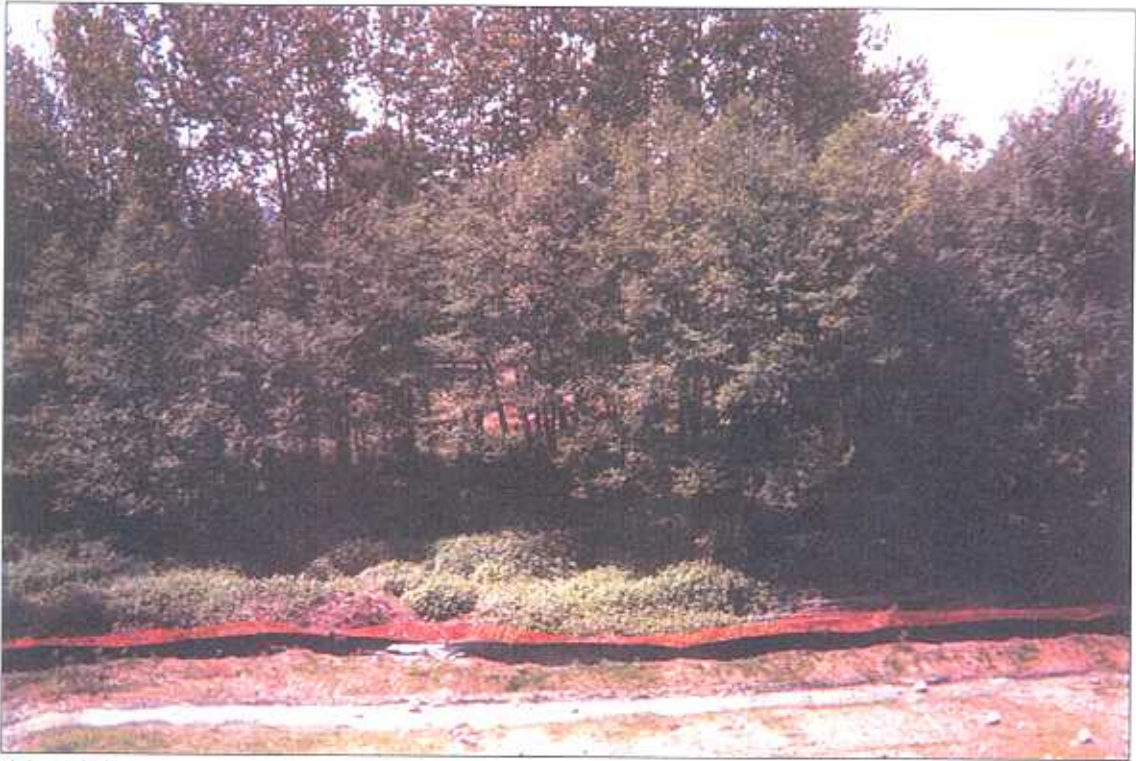
Wetland 41a



Wetland 41b



Wetland A5 and A6



Wetland A6



Wetland A7



Wetland 37d



Wetland 39



Wetland A8



WL-A9

Wetland A9



Middle of Wetland A11



Middle of Wetland A12



Middle Wetland A13



Wetland A19



Wetland R1



Wetland R2



Wetland R4



Wetland R4b



Wetland R5



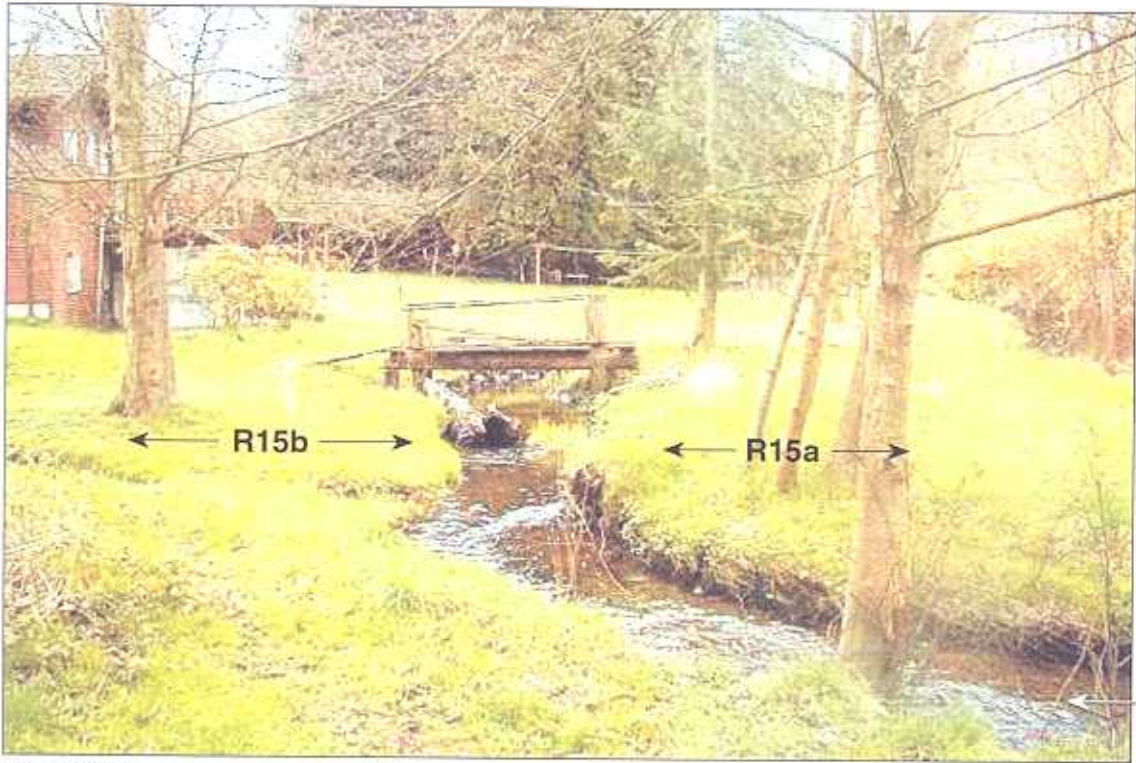
Wetland R5b



Wetland R6b and R6



Wetland R14a and Wetland R14b



Wetland R15

Wetland 44 (Walker Creek water SWU) and Depressions on the Existing Airfield



Wetland 23



Wetland 24



Wetland 25 and Wetland 26



Wetland 44a and 44b



Wetland 44b

Wetlands near the SASA Development



Portion of Wetland 52



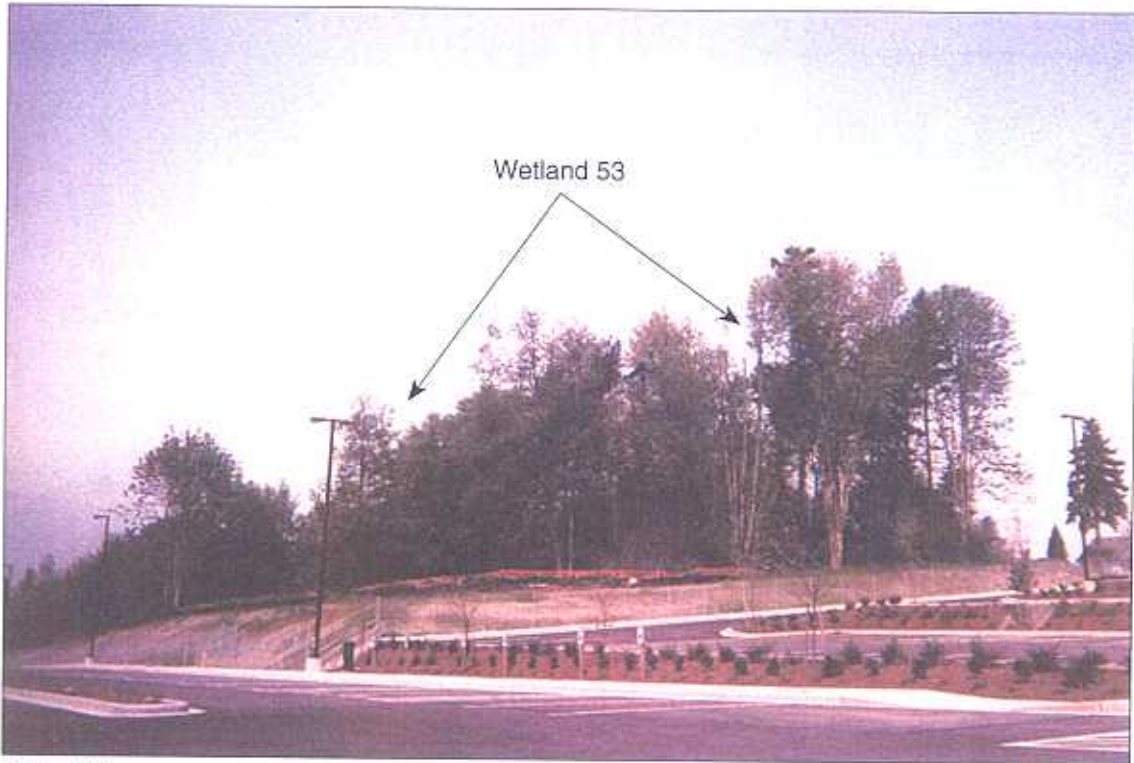
Wetland 28



Wetland G5 and a portion of Wetland 52



Wetland 52



Wetland 53



Wetland E3



Wetland G7

Wetlands near Borrow Area 1 and 3 Excavation



Wetland 48



Wetland B1



Wetland B4



Wetland B5 and B6



Wetland B9a and B9b



Wetland B10



Wetland B11



Wetland S



Wetland B12



Wetland B14



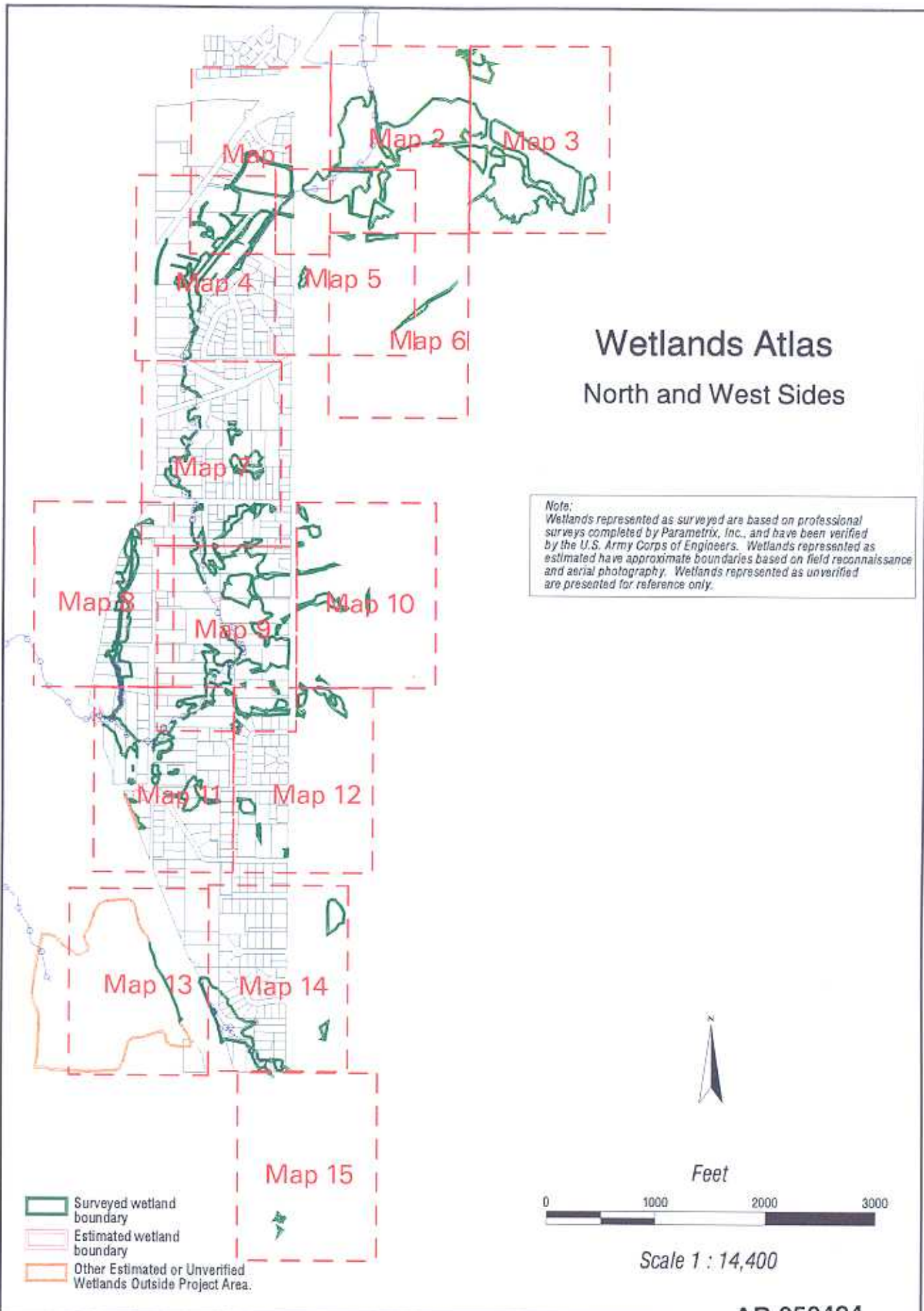
Wetland B15



Wetland 29



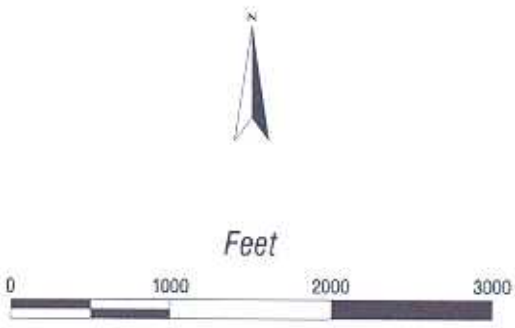
Wetland 30



Wetlands Atlas North and West Sides

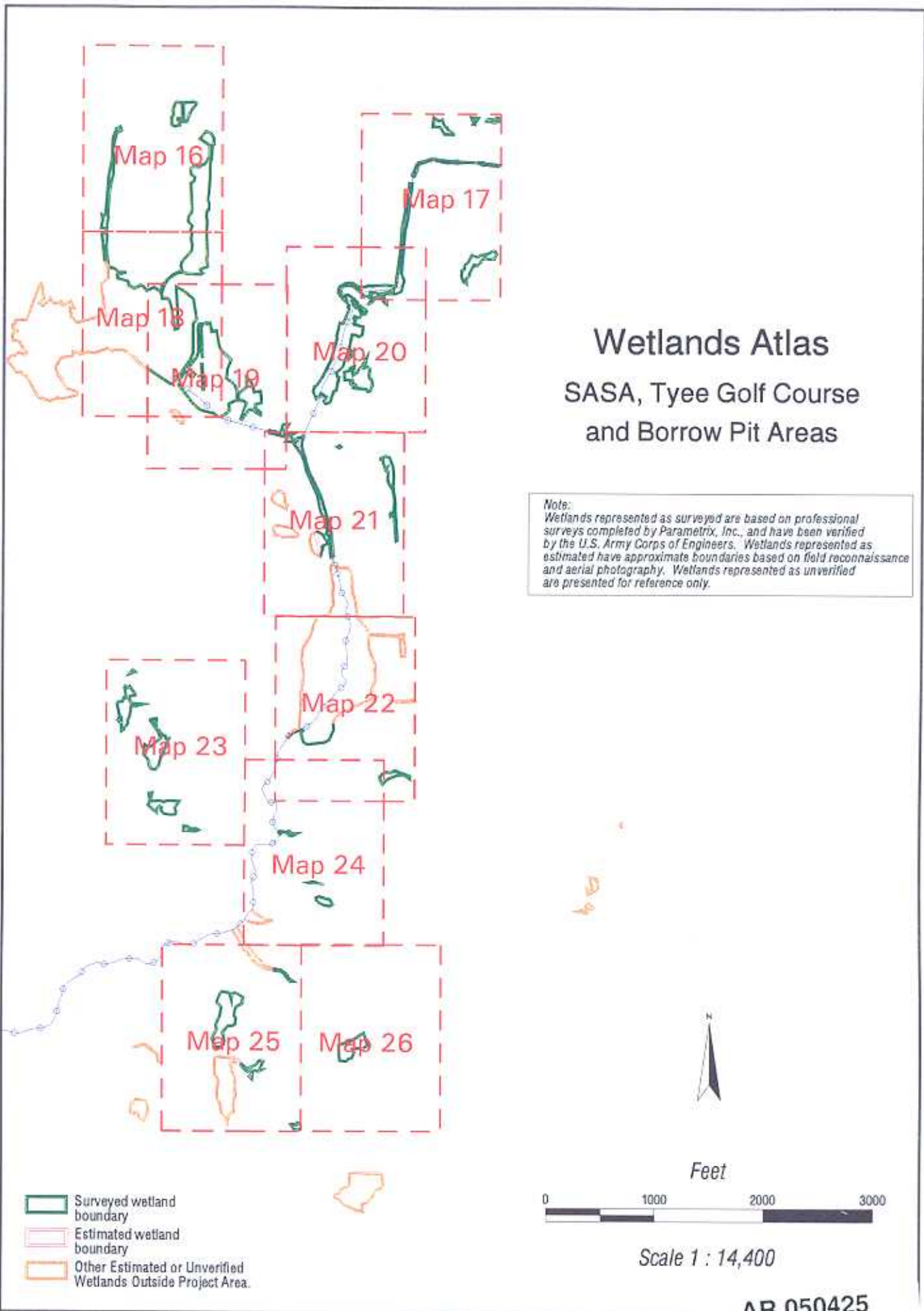
*Note:
Wetlands represented as surveyed are based on professional surveys completed by Paramatrix, Inc., and have been verified by the U.S. Army Corps of Engineers. Wetlands represented as estimated have approximate boundaries based on field reconnaissance and aerial photography. Wetlands represented as unverified are presented for reference only.*

- Surveyed wetland boundary
- Estimated wetland boundary
- Other Estimated or Unverified Wetlands Outside Project Area.



Scale 1 : 14,400

AR 050424

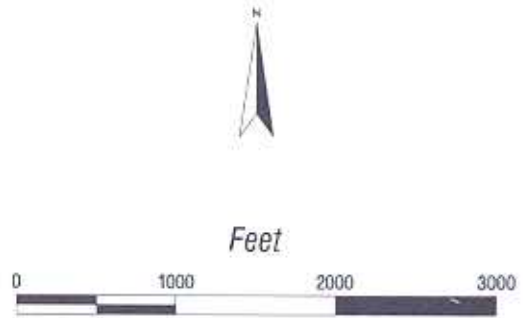


Wetlands Atlas

SASA, Tye Golf Course and Borrow Pit Areas

Note:
 Wetlands represented as surveyed are based on professional surveys completed by Parametrix, Inc., and have been verified by the U.S. Army Corps of Engineers. Wetlands represented as estimated have approximate boundaries based on field reconnaissance and aerial photography. Wetlands represented as unverified are presented for reference only.

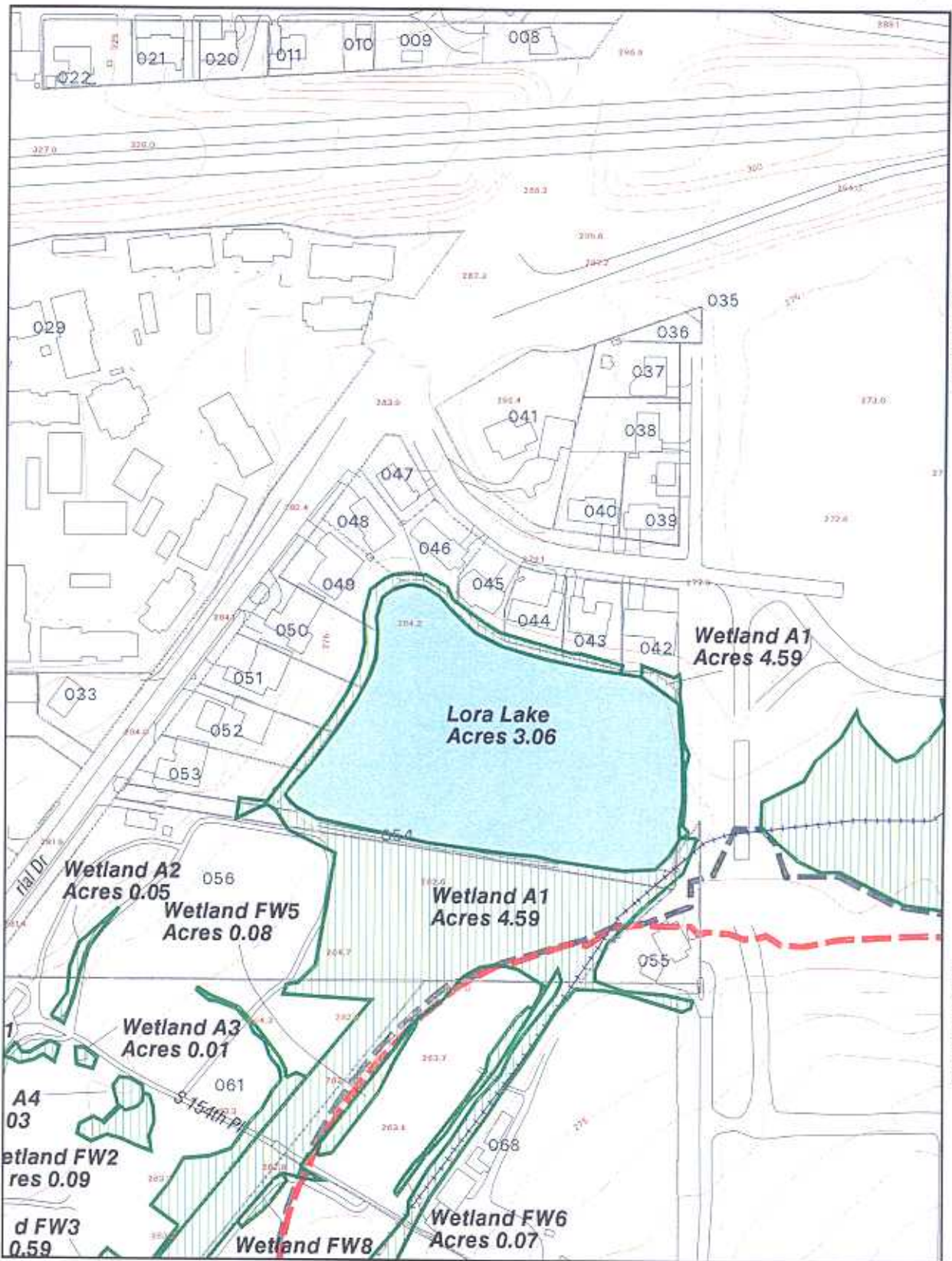
- Surveyed wetland boundary
- Estimated wetland boundary
- Other Estimated or Unverified Wetlands Outside Project Area.



Scale 1 : 14,400

AR 050425

Map #1



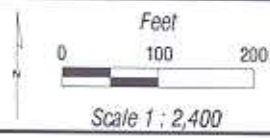
Adjoins Map 4

Adjoins Map 2

Adjoins Map 5

Adjoins Map 4

Adjoins Map 5



- Surveyed wetland boundary
- Temporary Impact Bnd
- Permanent Impact Bnd
- Miller Creek (est.)
- Parcel Boundary
- Contour Lines
- Basemap general features

AR 050426



Adjoins Map 2

Adjoins Map 5

Adjoins Map 4

Adjoins Map 4

Adjoins Map 5

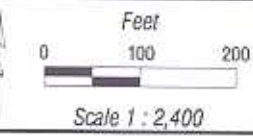
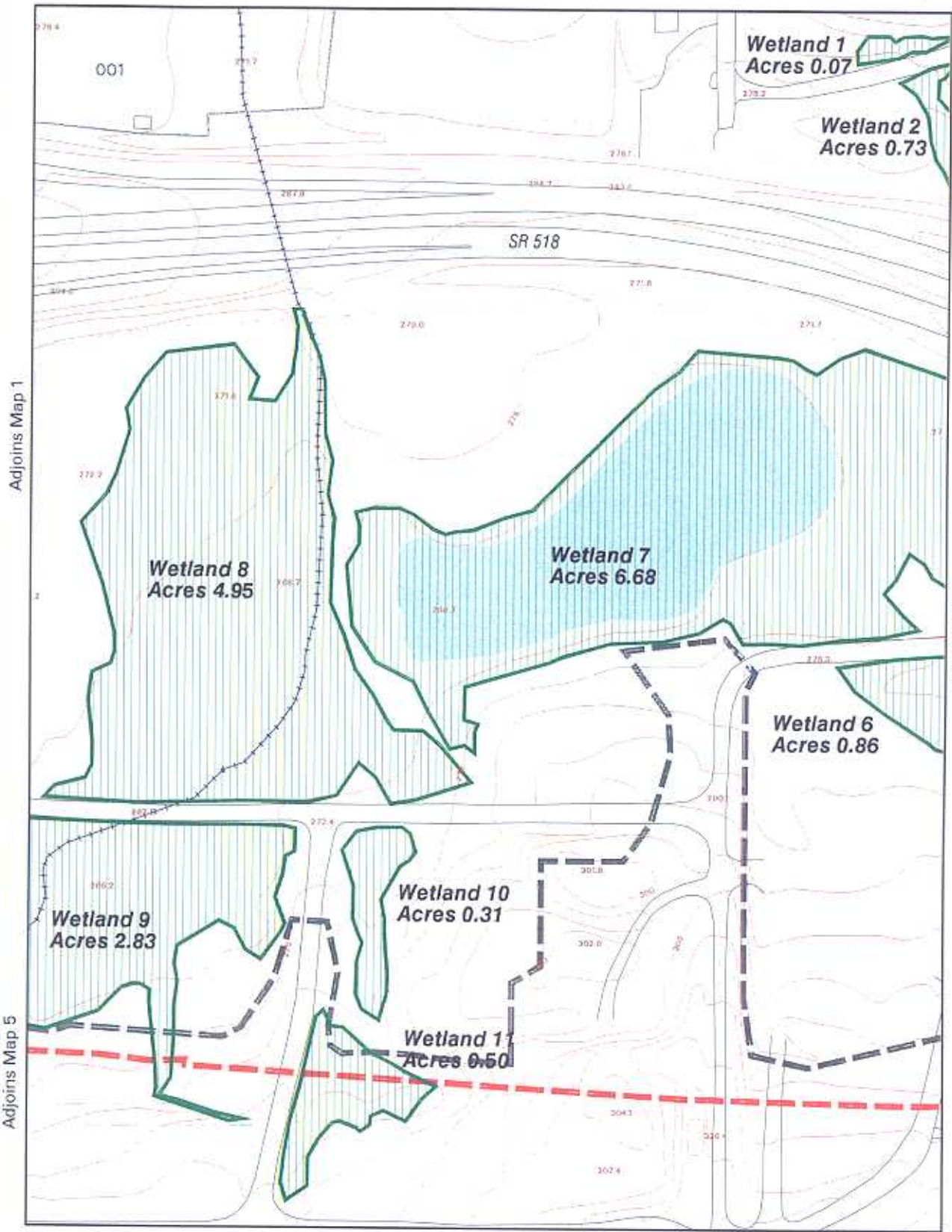


Surveyed wetland boundary

Temporary Impact Bnd
Permanent Impact Bnd

Miller Creek (est.)

AR 050427



- Surveyed wetland boundary
- Temporary Impact Bnd
- Permanent Impact Bnd
- Miller Creek (est.)
- Contour Lines
- Basemap general features

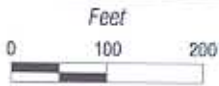
Adjoins Map 1

Adjoins Map 3

Adjoins Map 5

Adjoins Map 5

Adjoins Map 6



Scale 1 : 2,400

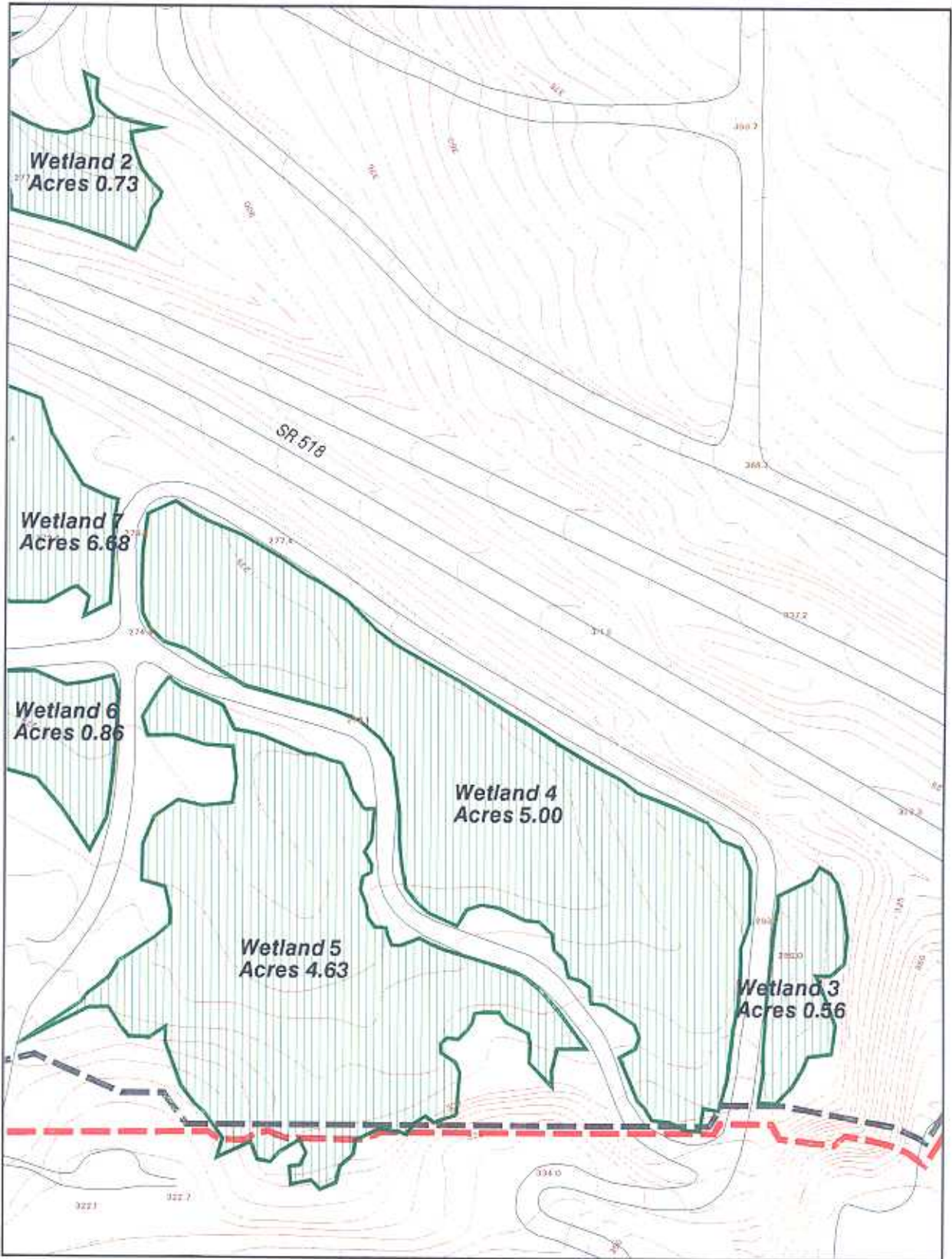
Surveyed wetland boundary

Temporary Impact Bnd

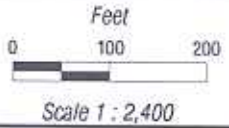
Permanent Impact Bnd

Miller Creek (est.)

AR 050429



Adjoins Map 2



- Surveyed wetland boundary
- Temporary Impact Bnd
- Permanent Impact Bnd
- Contour Lines
- Basemap general features

AR 050430

Adjoins Map 2



- Surveyed wetland boundary
- Temporary Impact Bnd
- Permanent Impact Bnd

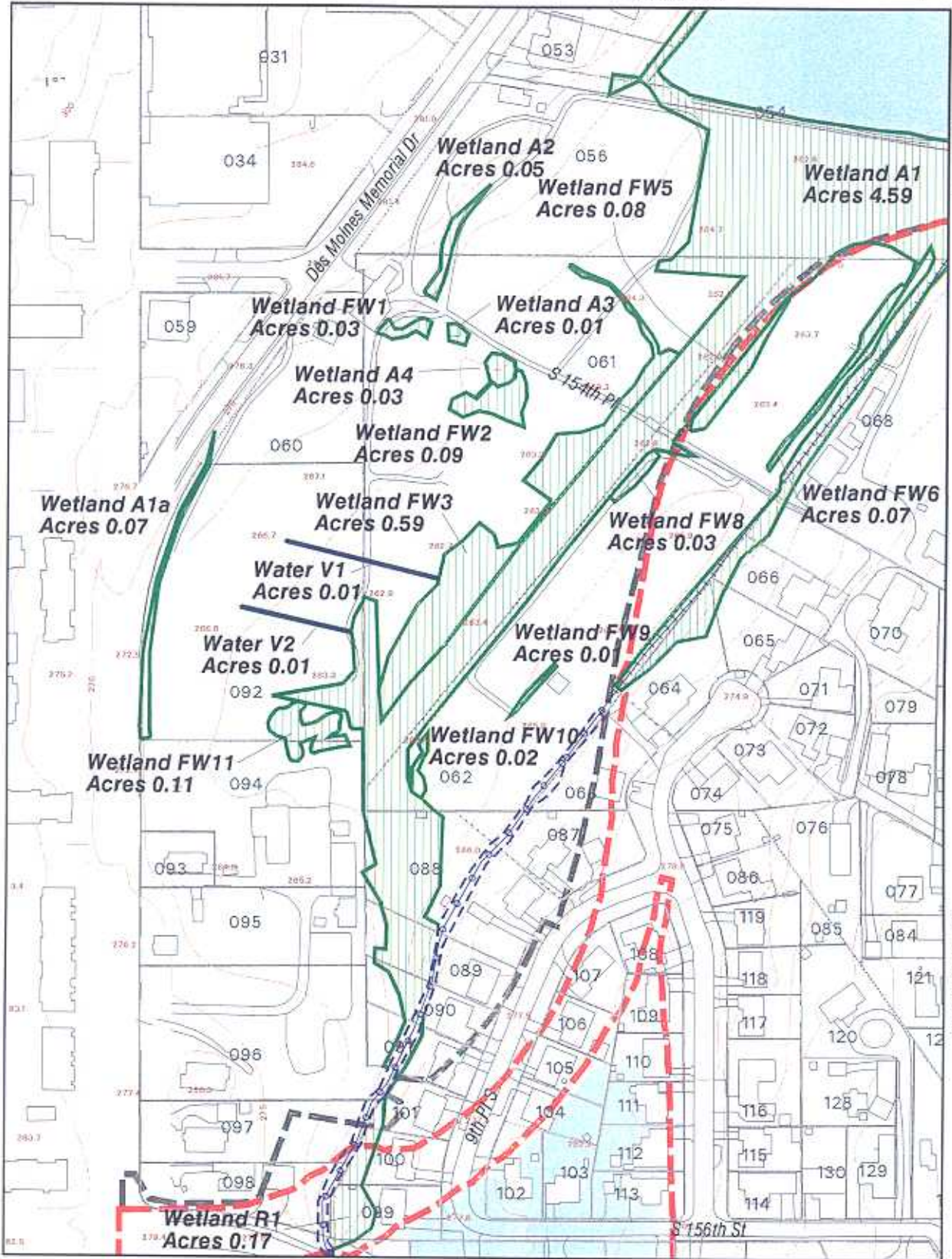
AR 050431

Adjoins Map 1

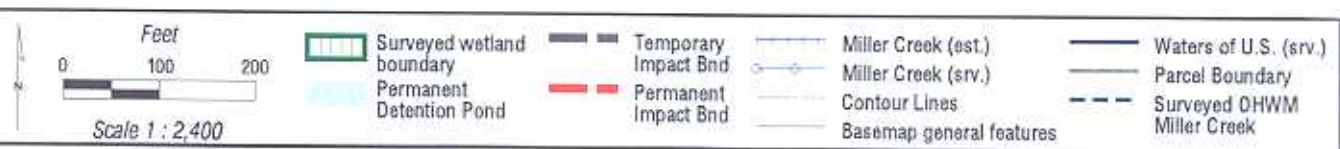
Adjoins Map 1

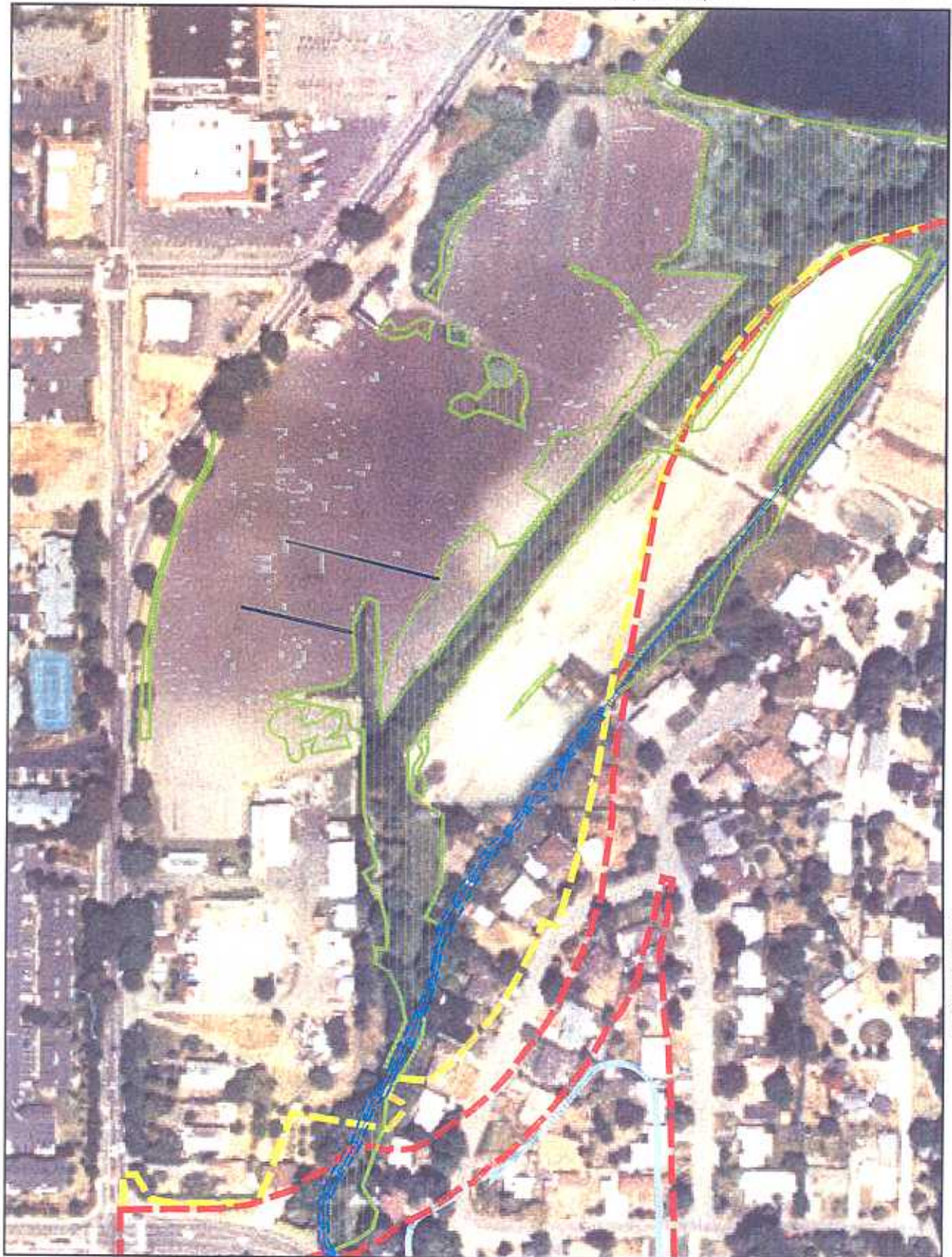
Adjoins Map 5

AR 050432

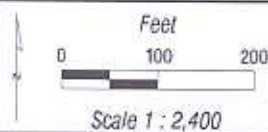


Adjoins Map 7





Adjoins Map 7



- Surveyed wetland boundary
- Temporary Impact Bnd
- Permanent Impact Bnd
- Miller Creek (est.)
- Miller Creek (srv.)
- Surveyed OHWM Miller Creek
- Waters of U.S. (srv.)
- Permanent Detention Pond

Map #5

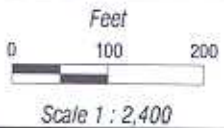
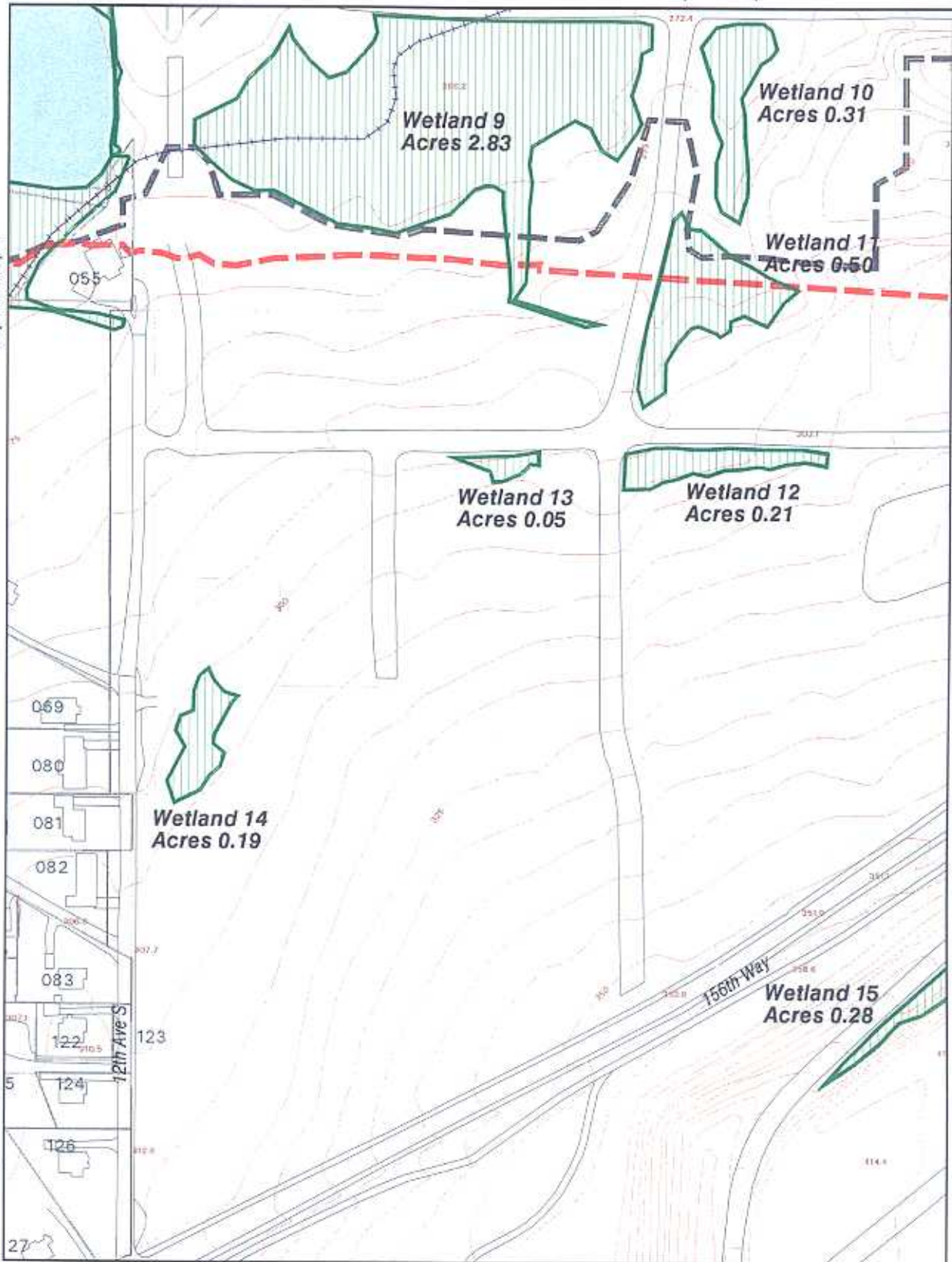
Adjoins Map 1

Adjoins Map 2

Adjoins Map 4

Adjoins Map 2

Adjoins Map 6



Surveyed wetland boundary



Temporary Impact Bnd



Permanent Impact Bnd

Miller Creek (est.)

Contour Lines

Basemap general features

AR 050434

Adjoins Map 1

Adjoins Map 2

Image #5

Adjoins Map 4

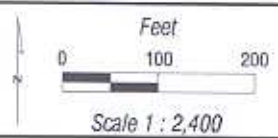
Adjoins Map 2

Adjoins Map 4

Adjoins Map 6



Adjoins Map 6



Surveyed wetland boundary

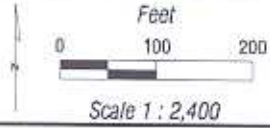
Temporary Impact Bnd


Permanent Impact Bnd

Miller Creek (est.)

AR 050435

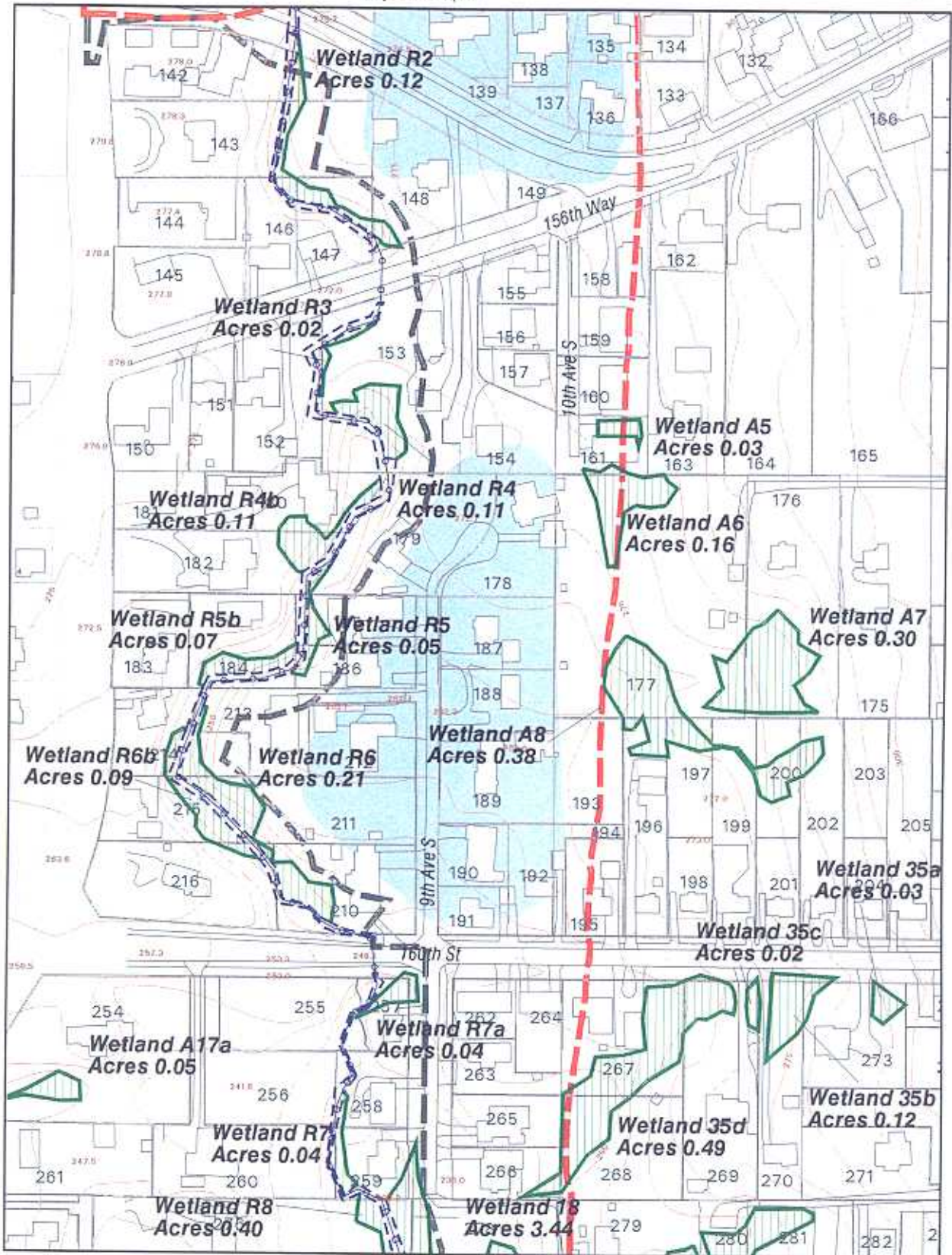
Adjoins Map 5



 Surveyed wetland boundary

AR 050437

Adjoins Map 4



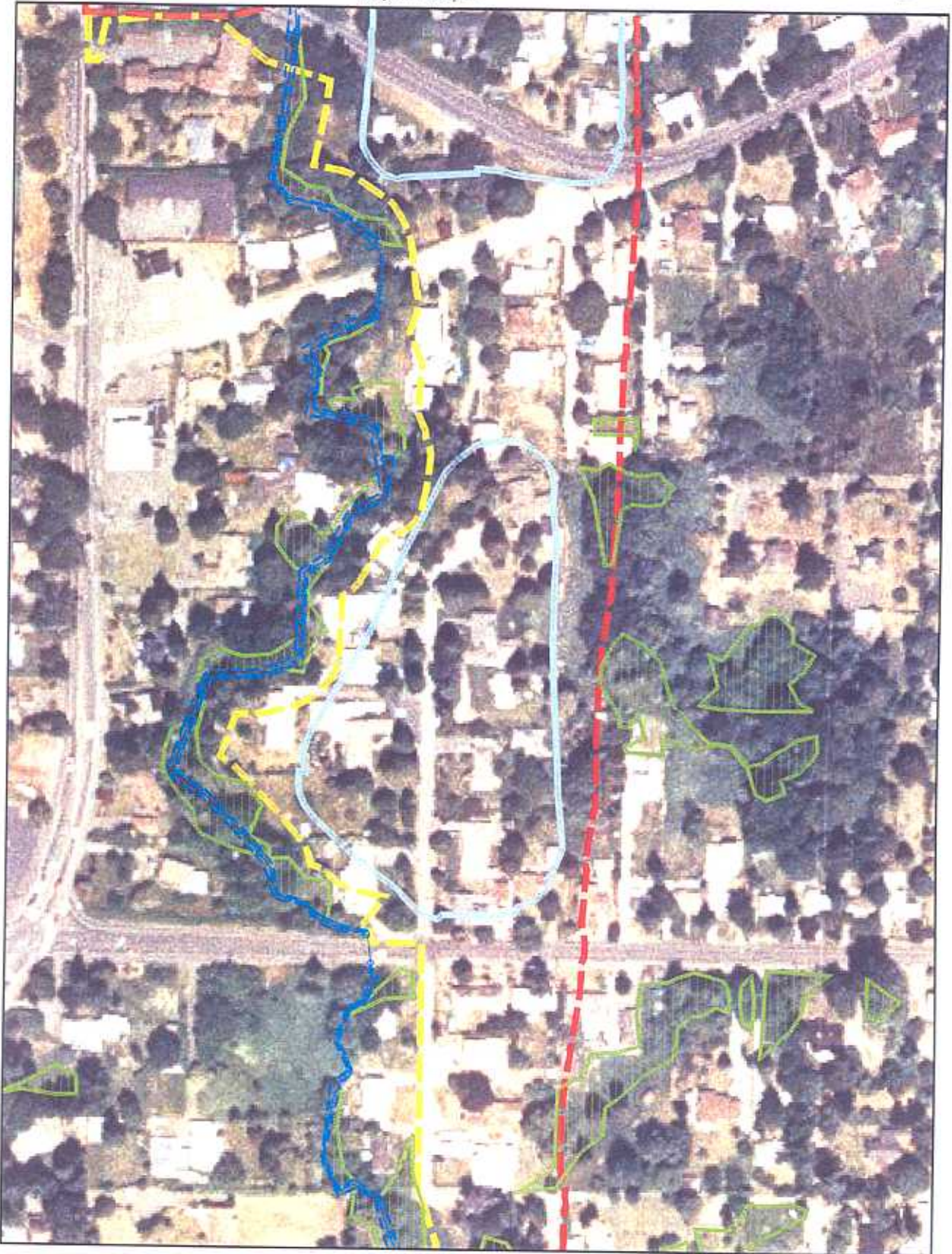
Adjoins Map 9

Scale 1 : 2,400

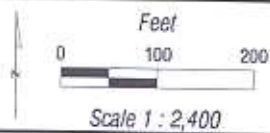
0 100 200 Feet

Surveyed wetland boundary	Temporary Impact Bnd	Miller Creek (srv.)	Surveyed DHWM
Permanent Detention Pond	Permanent Impact Bnd	Parcel Boundary	Des Moines Creek
		Contour Lines	
		Basemap general features	

AR 050438



Adjoins Map 9

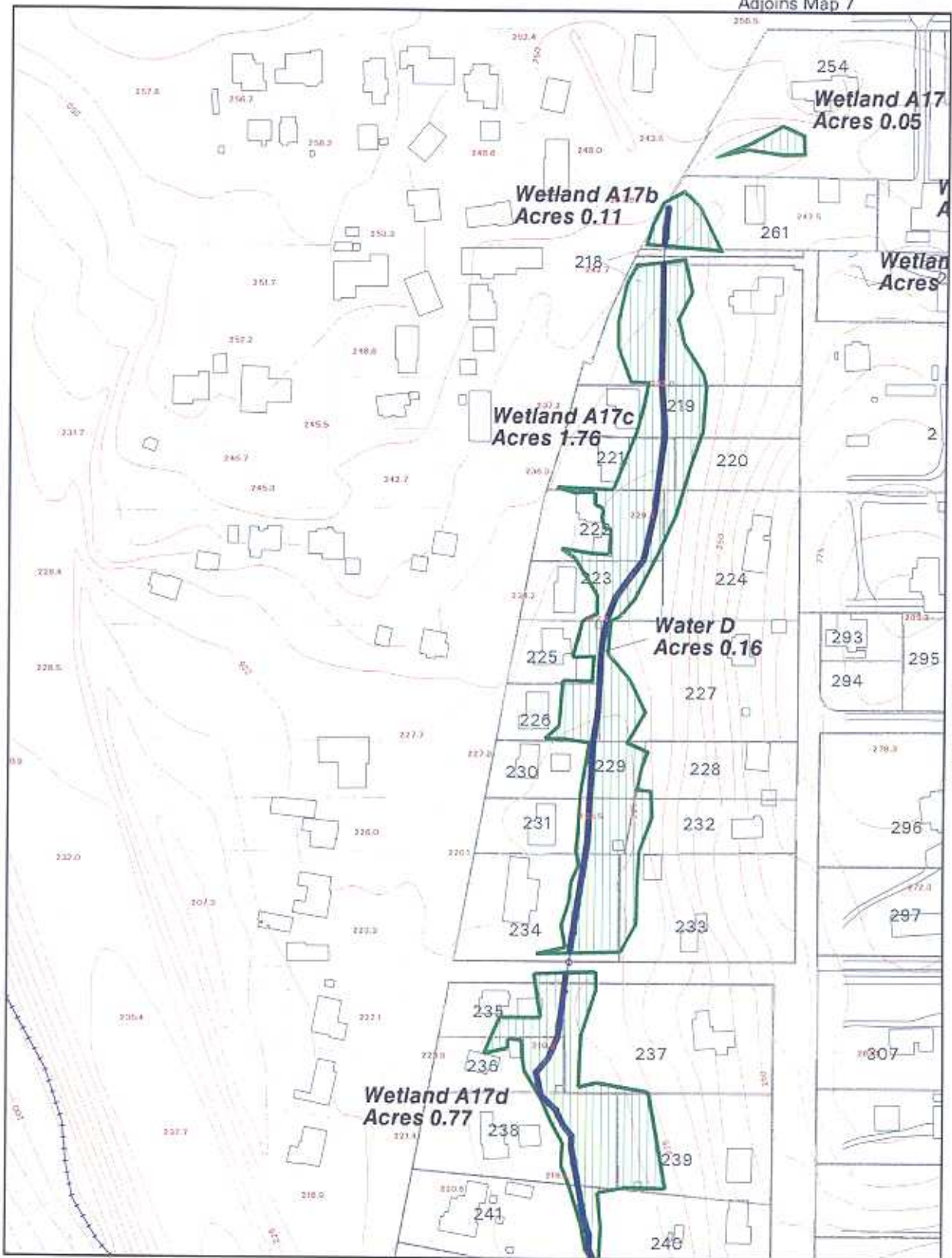


- Surveyed wetland boundary
- Temporary Impact Bnd
- Permanent Detention Pond
- Permanent Impact Bnd

- Miller Creek (serv.)
- Surveyed OHWM Miller Creek

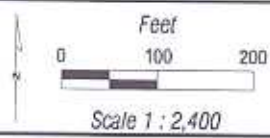
Map #8

Adjoins Map 7



Adjoins Map 7

Adjoins Map 9



Surveyed wetland boundary

- Miller Creek (est.)
- Miller Creek (srv.)
- Parcel Boundary
- Contour Lines
- Basemap general features
- Waters of U.S. (srv.)

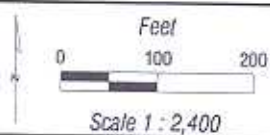
Adjoins Map 7

Adjoins Map 7

Adjoins Map 9



Adjoins Map 11



Surveyed wetland boundary

Miller Creek (est.)
 Miller Creek (srv.)
 Surveyed OHWM Miller Creek

Waters of U.S. (srv.)

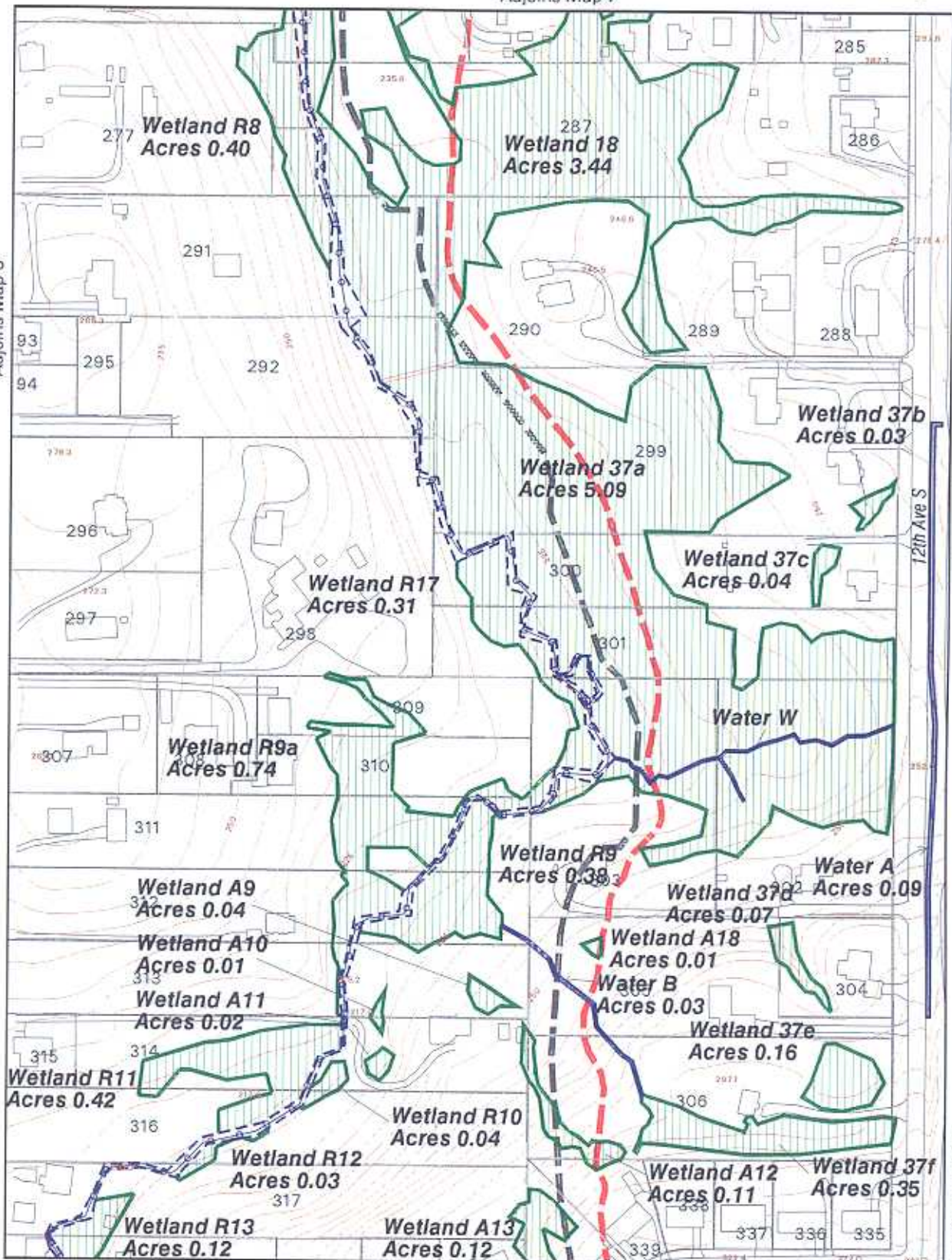
AR 050441

Adjoins Map 7

Adjoins Map 8

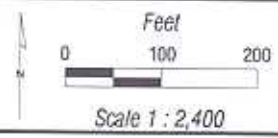
Adjoins Map 10

Adjoins Map 12



Adjoins Map 11

Adjoins Map 12



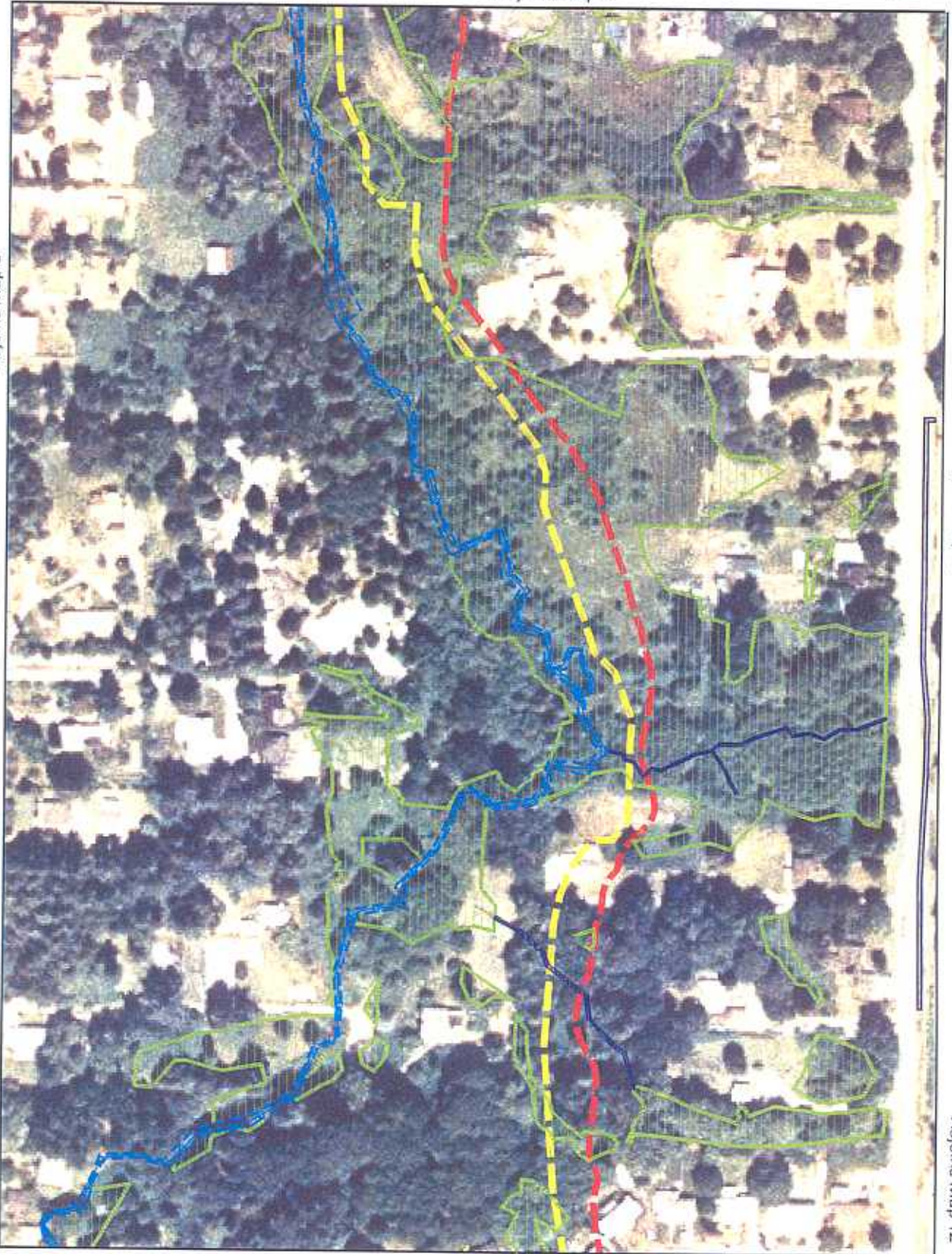
- Surveyed wetland boundary
- Estimated wetland boundary
- Temporary Impact Bnd
- Permanent Impact Bnd
- Miller Creek (srv.)
- Parcel Boundary
- Contour Lines
- Basemap general features
- Waters of U.S. (srv.)
- Surveyed OHWM Miller Creek

Adjoins Map 7

Adjoins Map 8

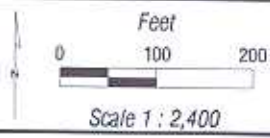
Adjoins Map 10

Adjoins Map 12



Adjoins Map 11

Adjoins Map 12



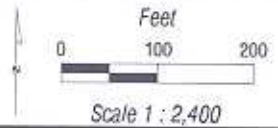
- Surveyed wetland boundary
- Estimated wetland boundary.
- Temporary Impact Bnd
- Permanent Impact Bnd
- Miller Creek (srv.)
- Surveyed OHWM Miller Creek
- Waters of U.S. (srv.)

AR 050443



Adjoins Map 9

Adjoins Map 12

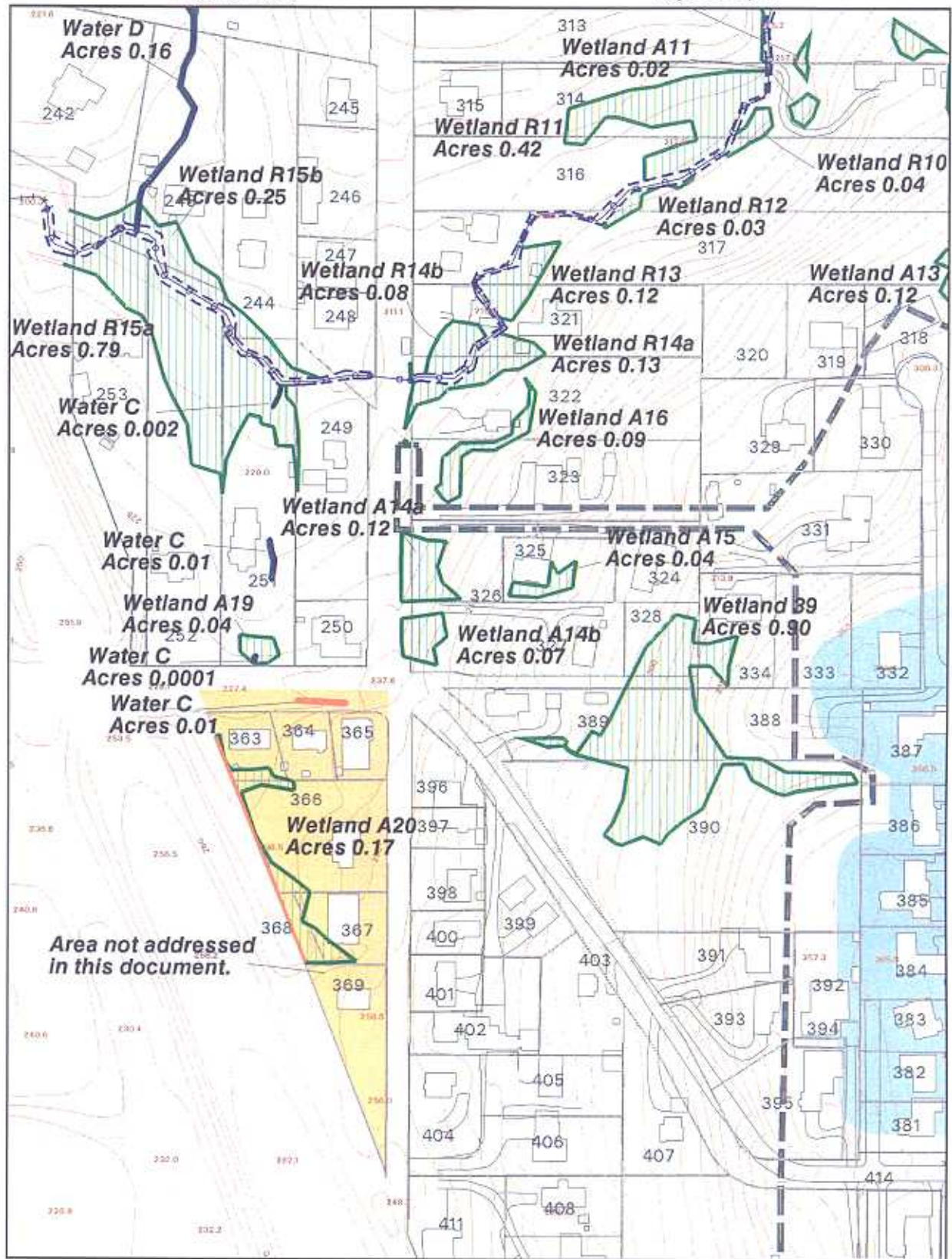


Surveyed wetland boundary

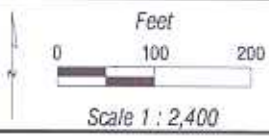
Waters of U.S. (srv.)

Adjoins Map 8

Adjoins Map 9



Adjoins Map 12



- Surveyed wetland boundary
- Permanent Detention Pond
- Miller Creek (srv.)
- Parcel Boundary
- Contour Lines
- Basemap general features
- Other Estimated or Unverified Wetlands Outside Project Area.
- Temp Impact Bnd
- Waters of U.S. (srv.)
- Surveyed OHWM Miller Creek

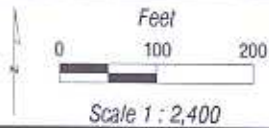
Adjoins Map 8

Adjoins Map 9

Image #11



Adjoins Map 12



Surveyed wetland boundary

Other Estimated or Unverified Wetlands Outside Project Area.

Temporary Impact Bnd

Miller Creek (srv.)

Surveyed OHWM Miller Creek

Waters of U.S. (srv.)

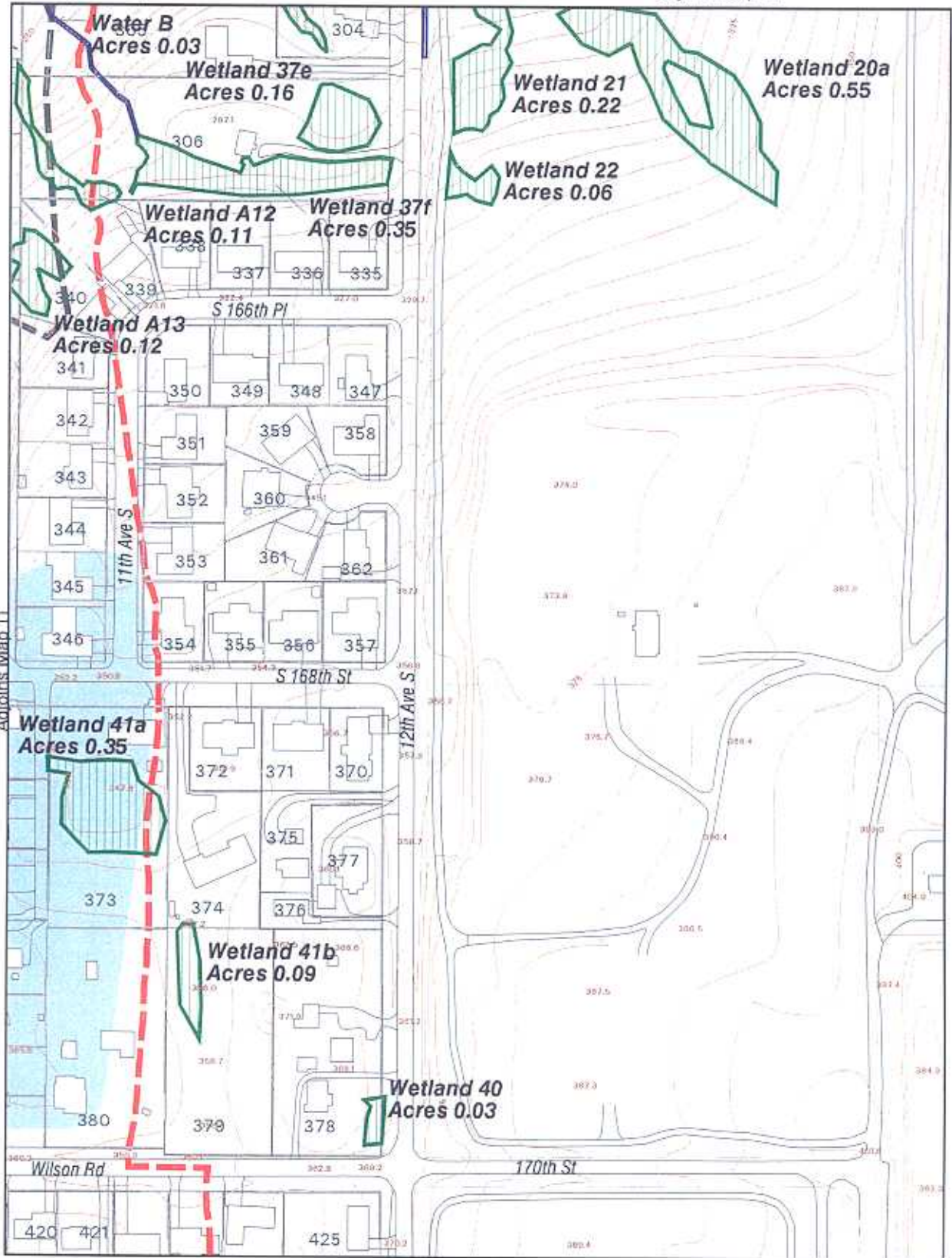
Permanent Detention Pond

AR 050447

Adjoins Map 9

Adjoins Map 10

Map #12



Adjoins Map 11

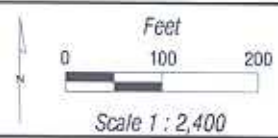
Scale 1 : 2,400

0 100 200 Feet

Surveied wetland boundary	Temporary Impact Bnd	Parcel Boundary
Permanent Detention Pond	Permanent Impact Bnd	Contour Lines
		Basemap general features
		Waters of U.S. (srv.)

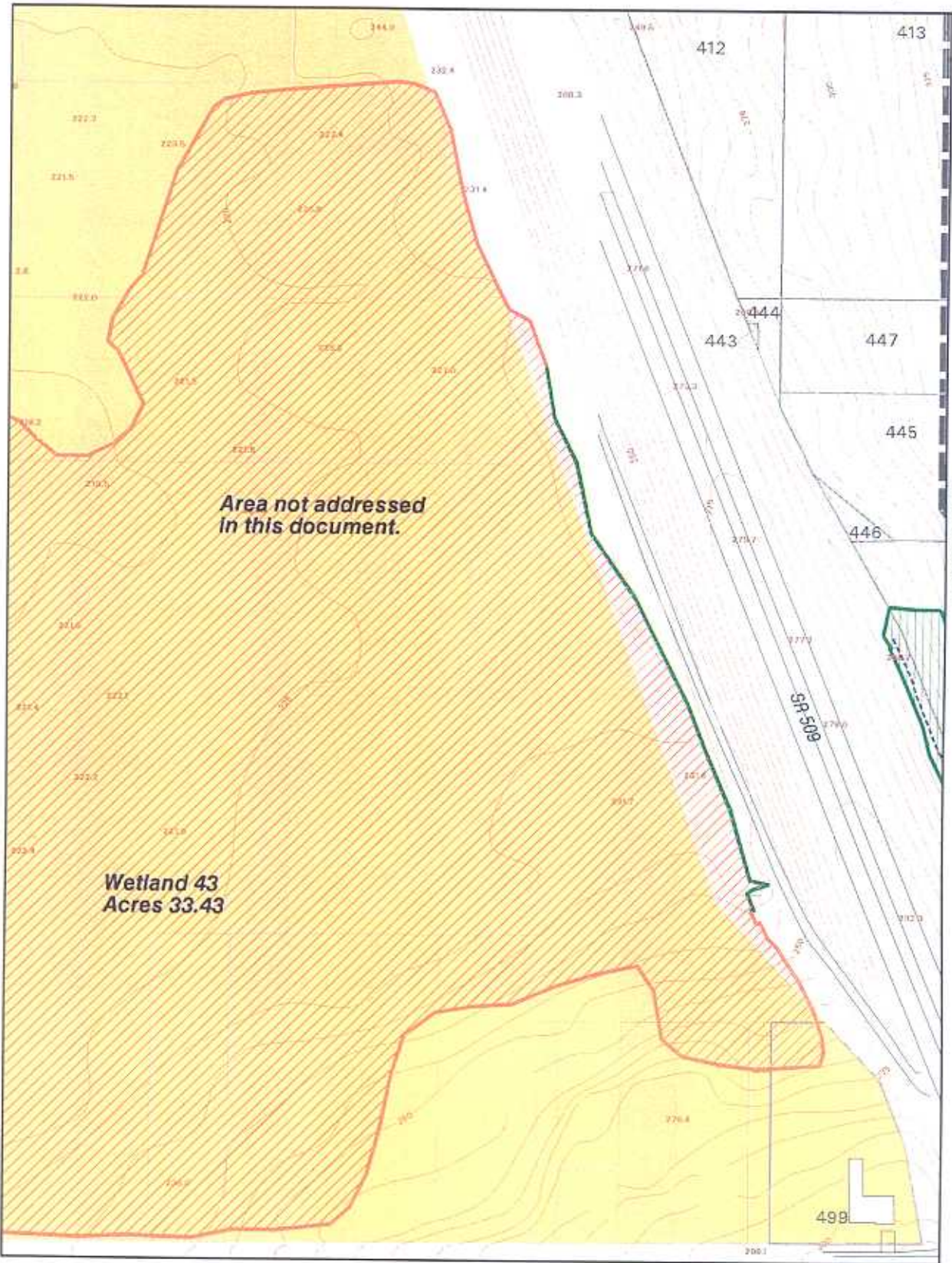


Adjoins Map 11

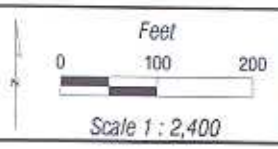




- Surveyed wetland boundary
- Temporary Impact Bnd
- Permanent Impact Bnd
- Waters of U.S. (srv.)
- Permanent Detention Pond





AR 050449



Adjoins Map 14



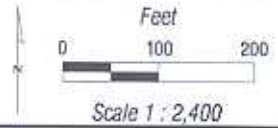
-  Surveied wetland boundary
-  Other Estimated or Unverified Wetlands Outside Project Area.

-  Parcel Boundary
-  Contour Lines
-  Basemap general features
-  Intermittent Stream (est.)

AR 050450

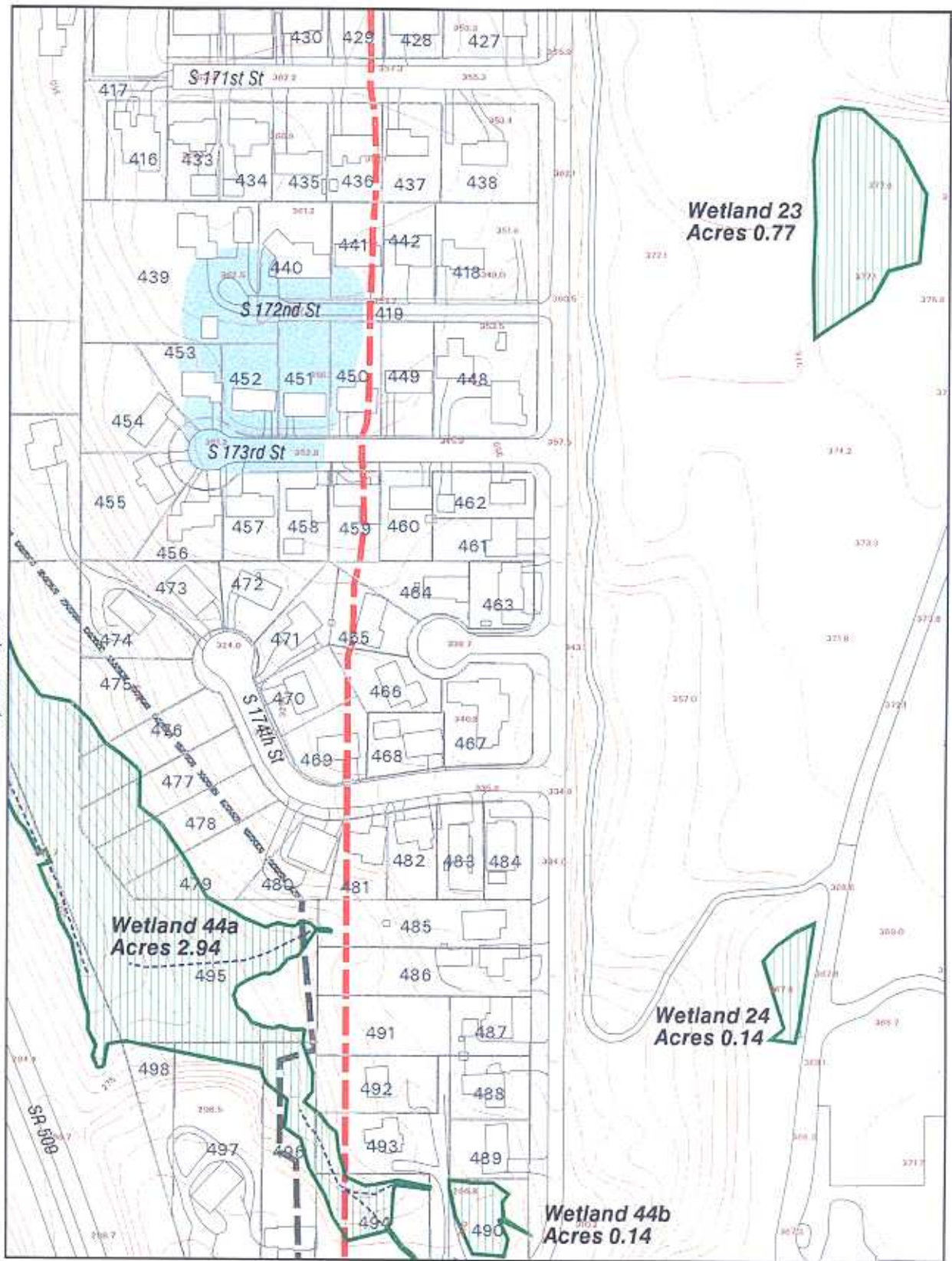


Adjoins Map 14



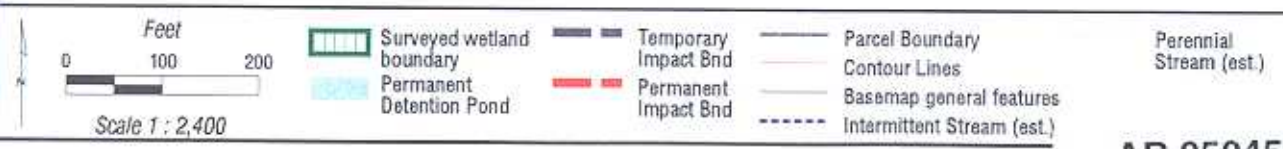
- Surveyed wetland boundary
- Other Estimated or Unverified Wetlands Outside Project Area
- Temporary Impact Bnd
- Intermittent Stream (est.)

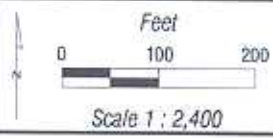
AR 050451




Adjoins Map 13

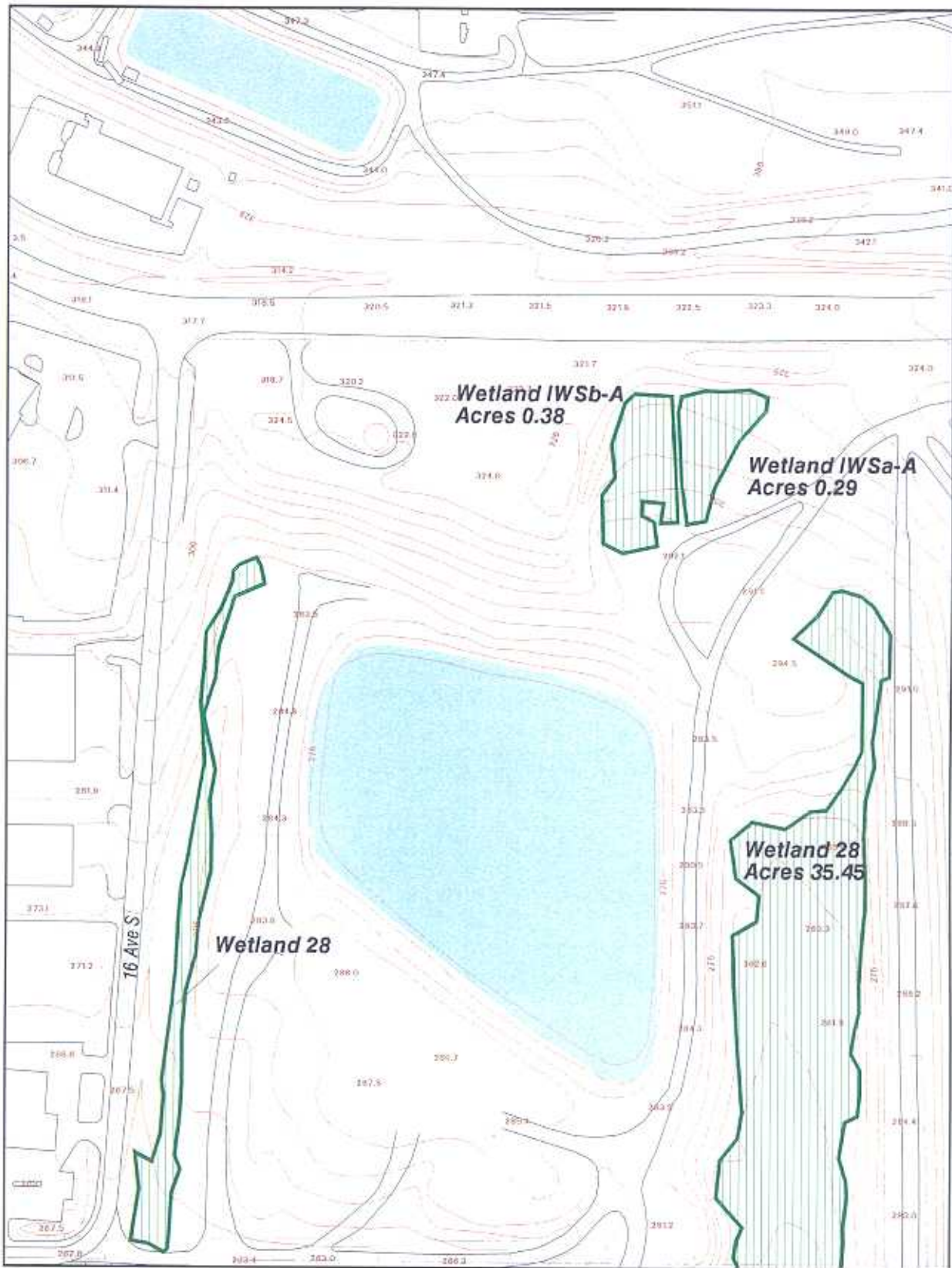
Adjoins Map 15





-  Surveyed wetland boundary
-  Temporary Impact Bnd
-  Permanent Impact Bnd

AR 050455



Adjoins Map 18

0 100 200 Feet
Scale 1 : 2,400

Surveyed wetland boundary

Contour Lines
Basemap general features

AR 050456

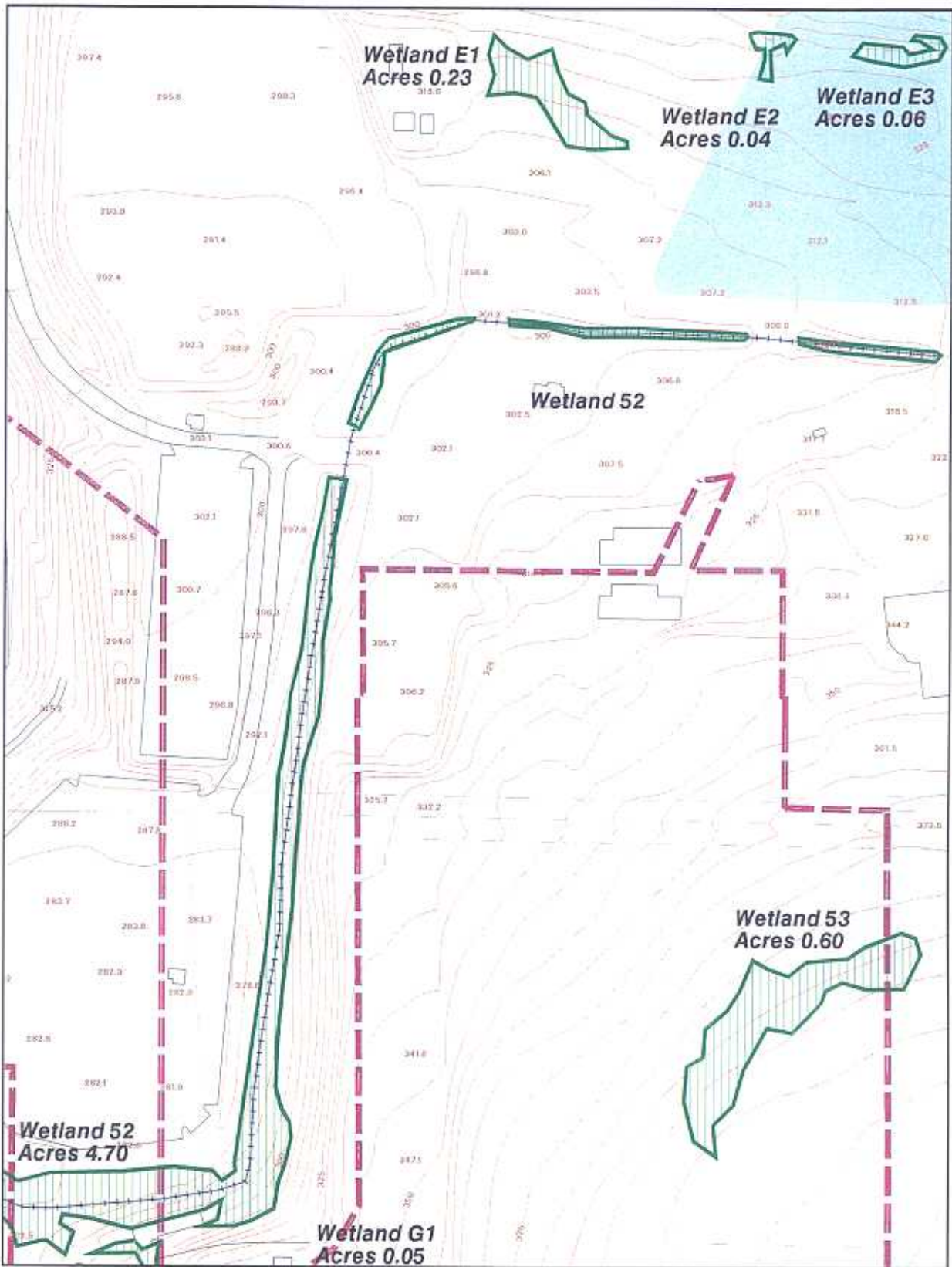


Adjoins Map 18



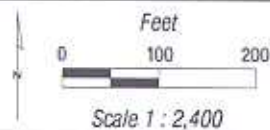
Surveyed wetland boundary

AR 050457



Adjoins Map 20

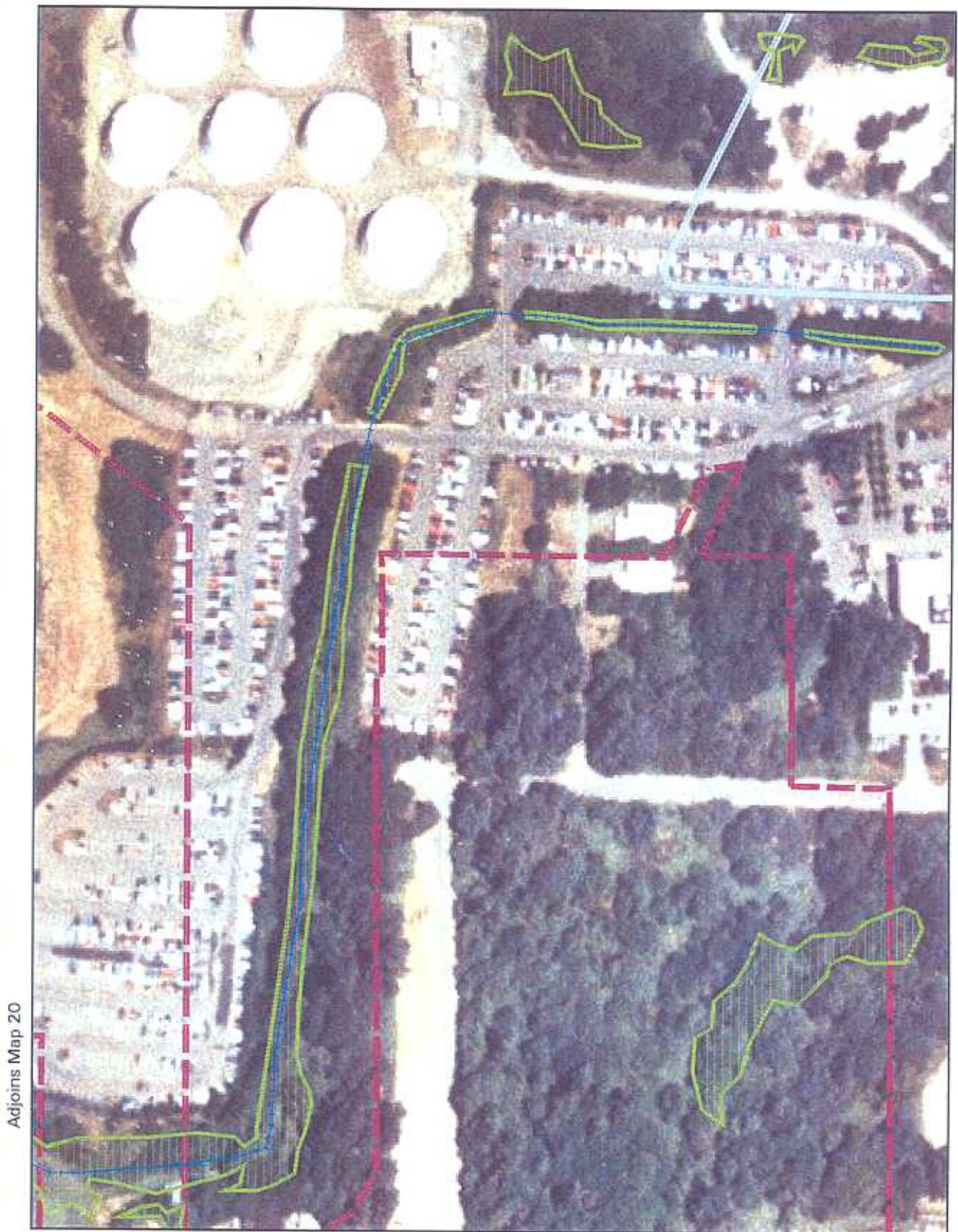
Adjoins Map 20



Surveyed wetland boundary
Permanent Detention Pond

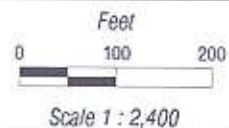
SASA Boundary

Des Moines Creek (est.)
Contour Lines
Basemap general features

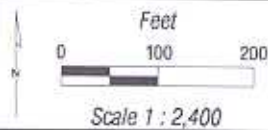
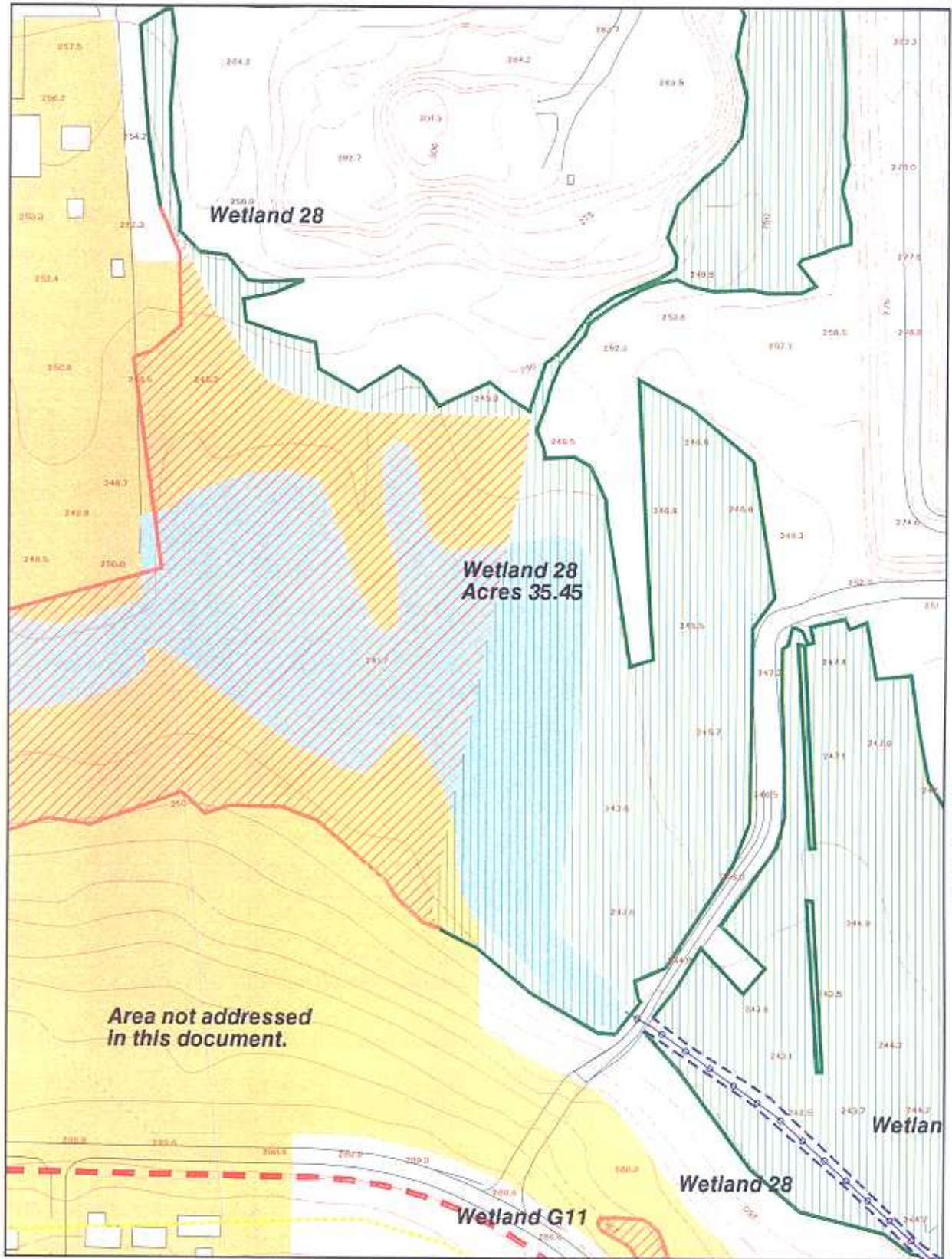


Adjoins Map 20

Adjoins Map 20



-  Surveyed wetland boundary
-  SASA Boundary
-  Des Moines Creek (est.)
-  Permanent Detention Pond



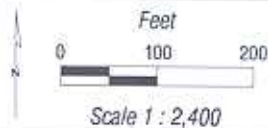
- Surveyed wetland boundary
- Other Estimated or Unverified Wetlands Outside Project Area.
- Estimated wetland boundary
- Surveyed OHWM Des Moines Creek

- Des Moines Creek (svy.)
- Contour Lines
- Basemap general features



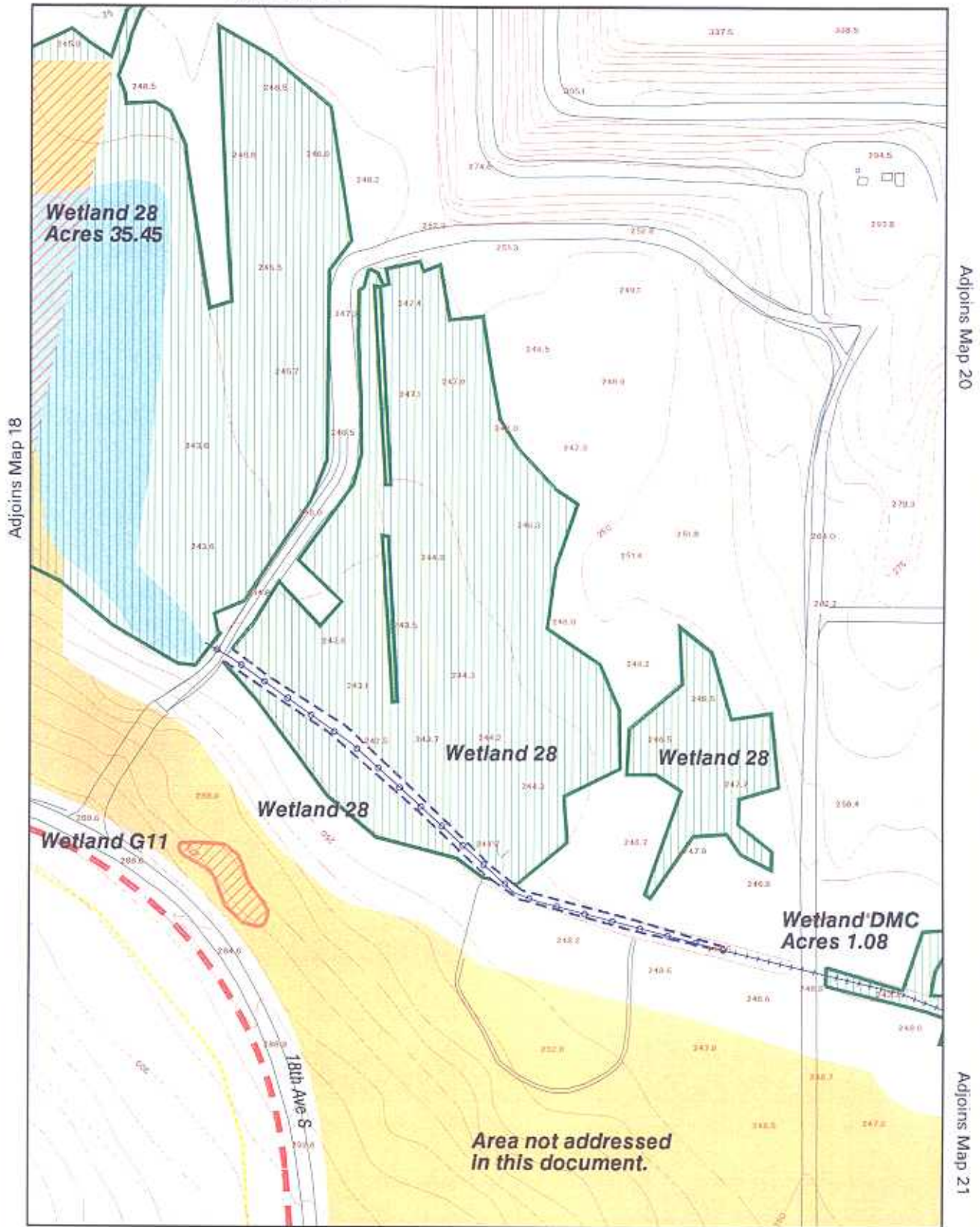
Adjoins Map 19

Adjoins Map 19



- Surveyed wetland boundary
- Other Estimated or Unverified Wetlands Outside Project Area.
- Estimated wetland boundary.

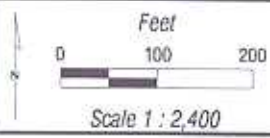
- Des Moines Creek (svy.)
- Surveyed OHWM Des Moines Creek



Adjoins Map 18

Adjoins Map 20

Adjoins Map 21



- Surveyed wetland boundary
- Other Estimated or Unverified Wetlands Outside Project Area.

- Des Moines Creek (est.)
- Des Moines Creek (svy.)
- Basemap general features
- Property Boundary

- Excavation Boundary
- Surveyed OHWM Des Moines Creek
- Contour Lines

Adjoins Map 18

Adjoins Map 20

Adjoins Map 21

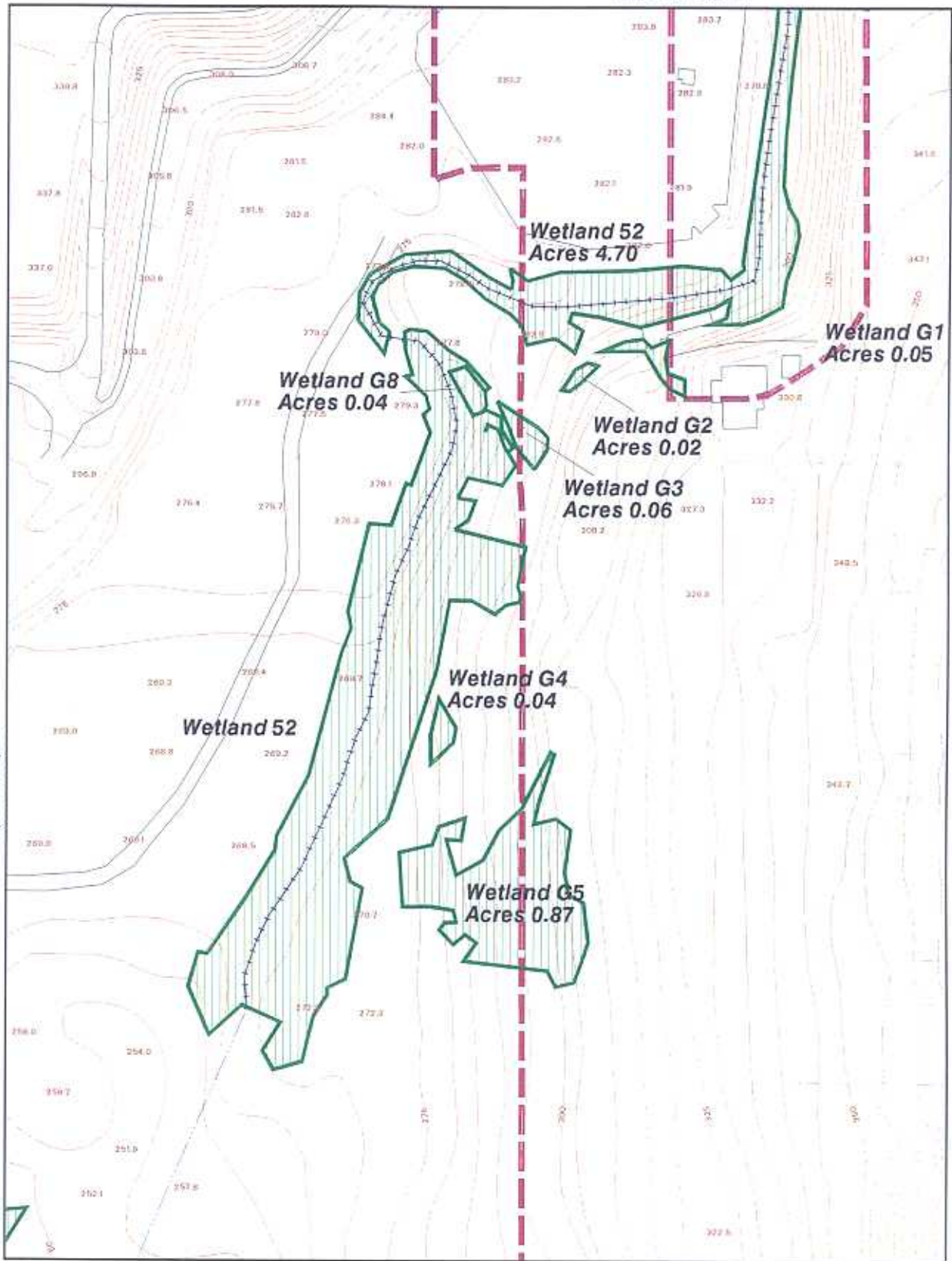


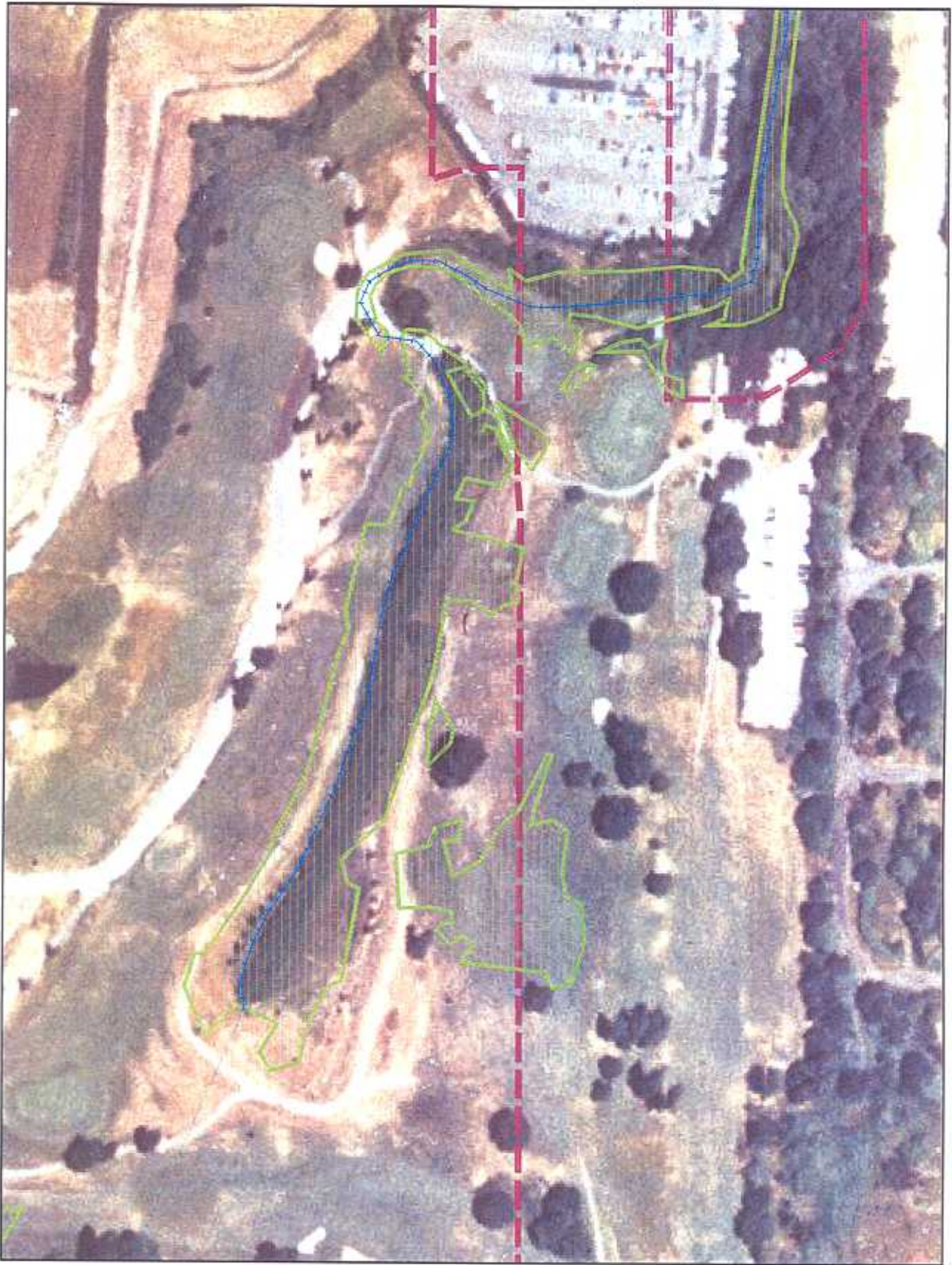
Adjoins Map 17

Adjoins Map 17

Adjoins Map 19

Adjoins Map 21





Surveyed wetland boundary

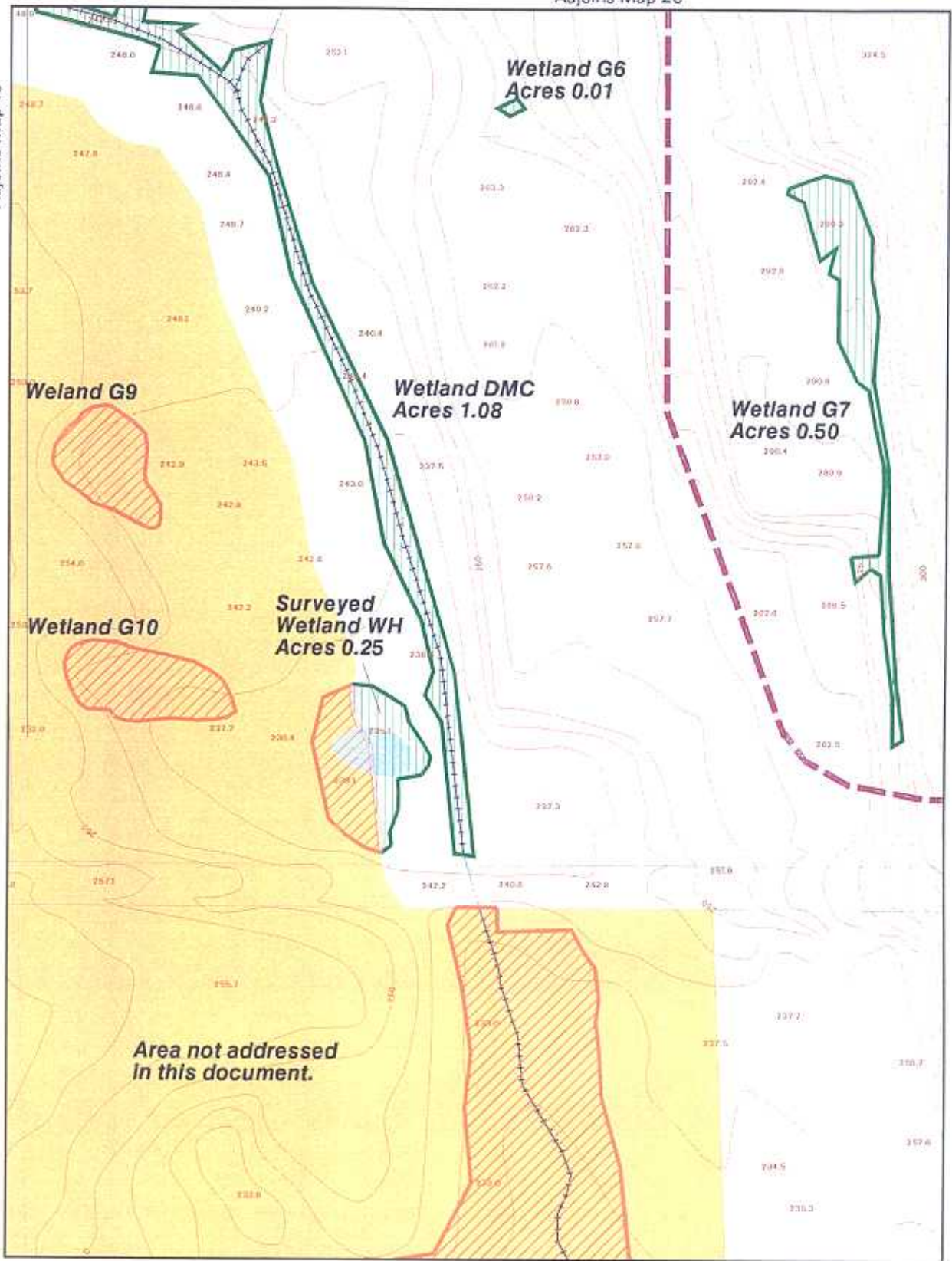
SASA Boundary

Des Moines Creek (est.)

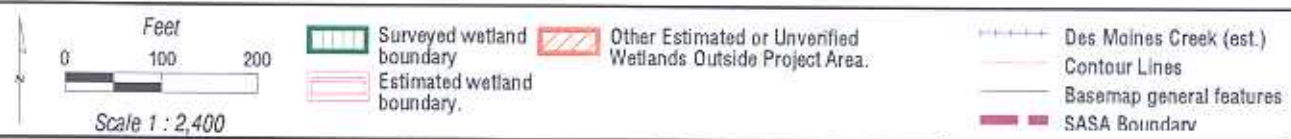
Des Moines Creek (culvert)

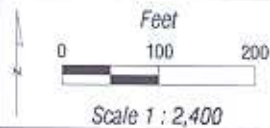
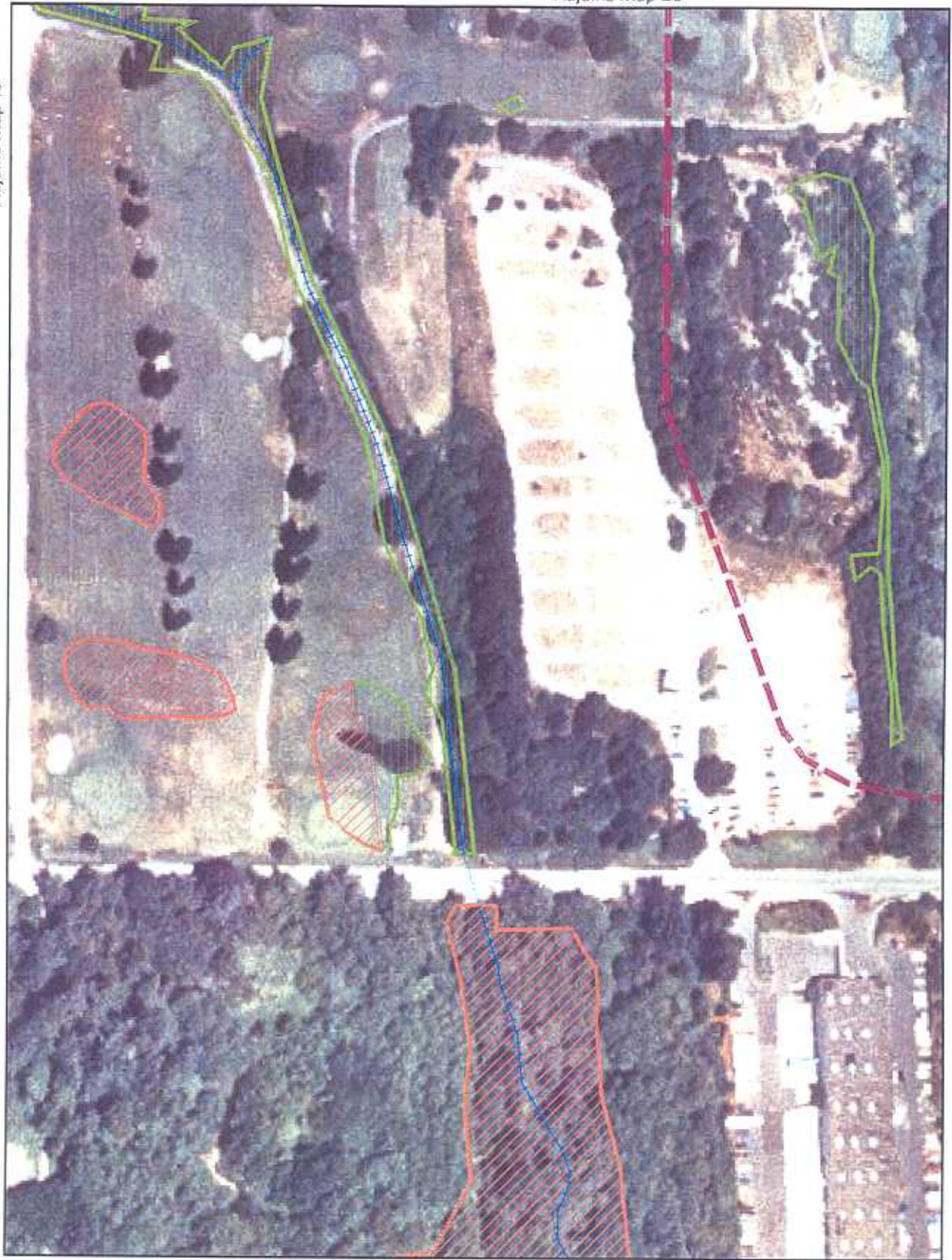
Adjoins Map 20

Adjoins Map 19



Adjoins Map 22

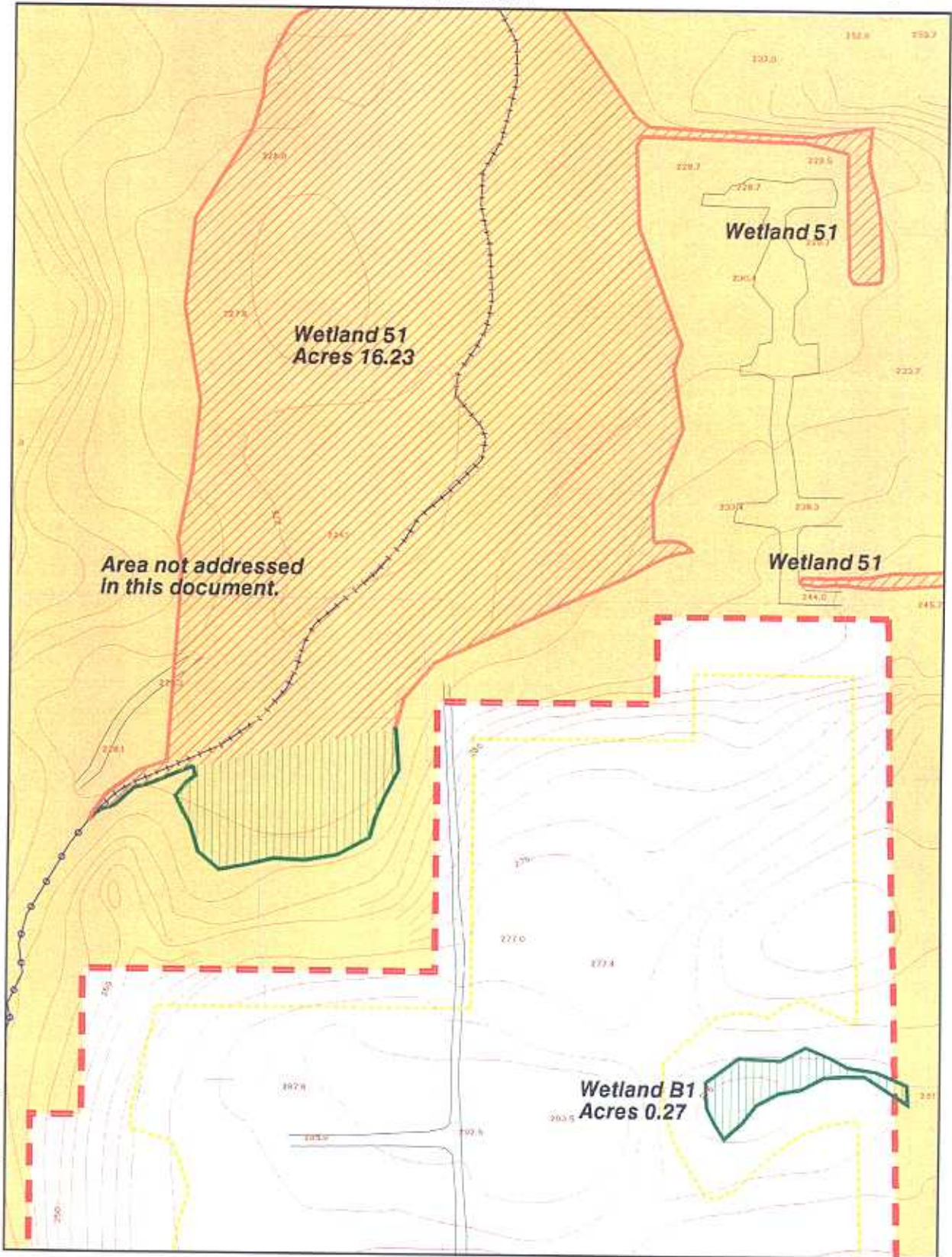




▬ Surveyed wetland boundary
▬ Estimated wetland boundary

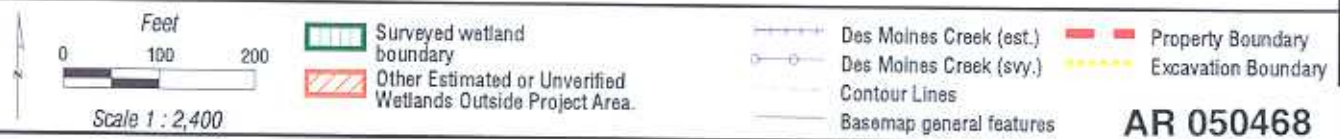
▨ Other Estimated or Unverified Wetlands Outside Project Area.

▬ Des Moines Creek (est.)
- - - SASA Boundary

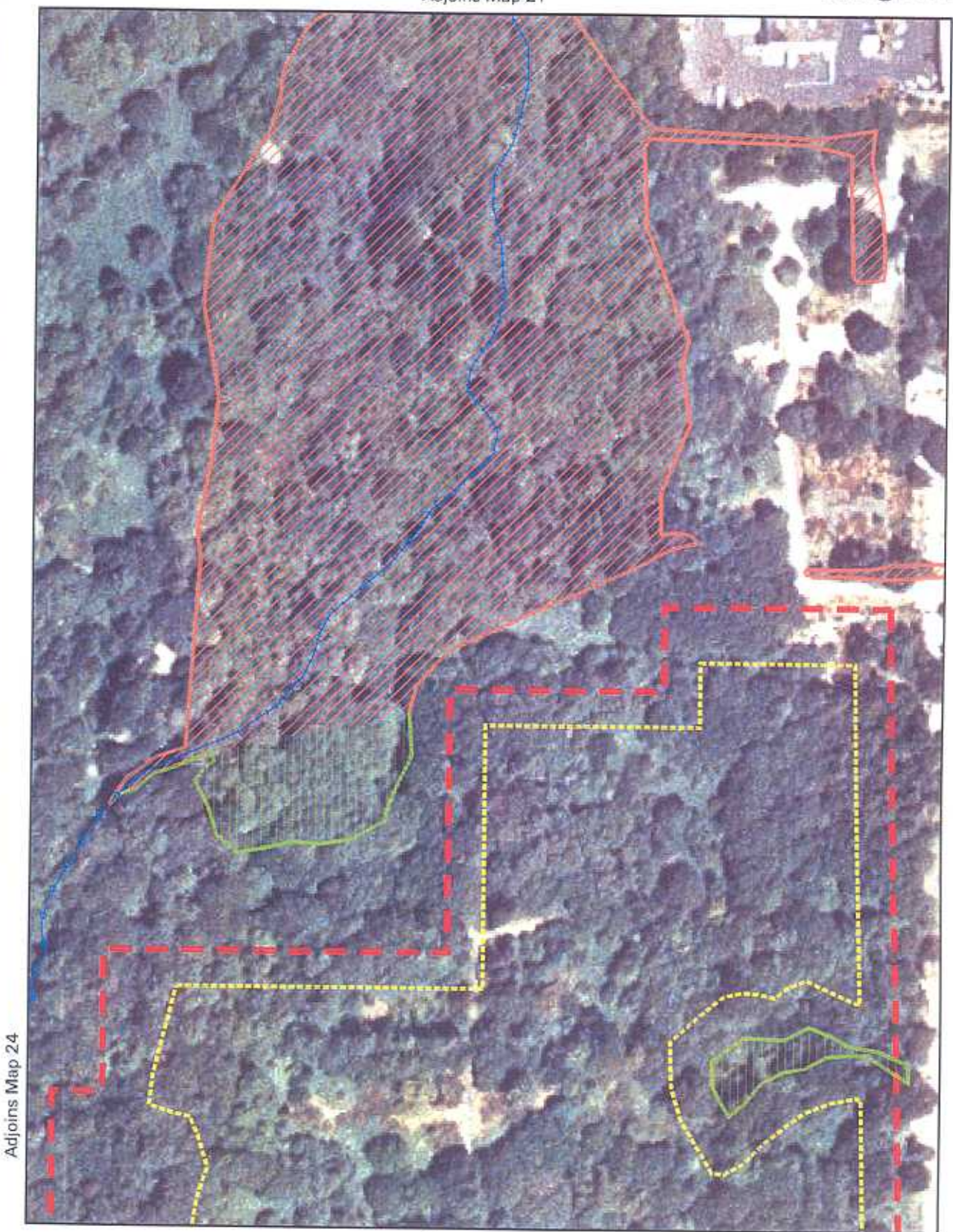


Adjoins Map 24

Adjoins Map 24

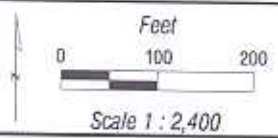


AR 050468

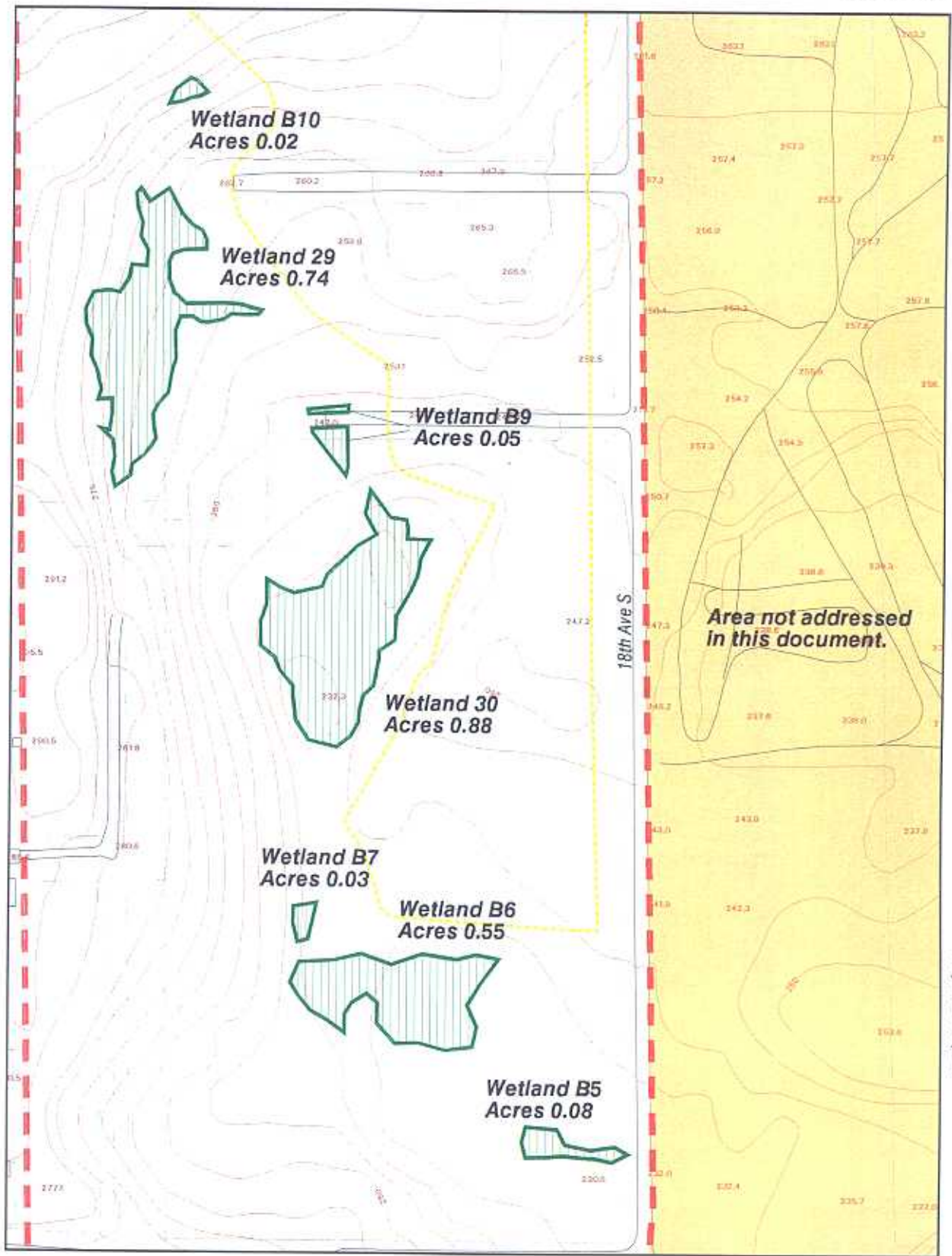


Adjoins Map 24

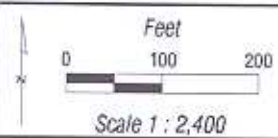
Adjoins Map 24



- Surveyed wetland boundary
- Other Estimated or Unverified Wetlands Outside Project Area
- Des Moines Creek (est.)
- Des Moines Creek (svy.)
- Property Boundary
- Excavation Boundary

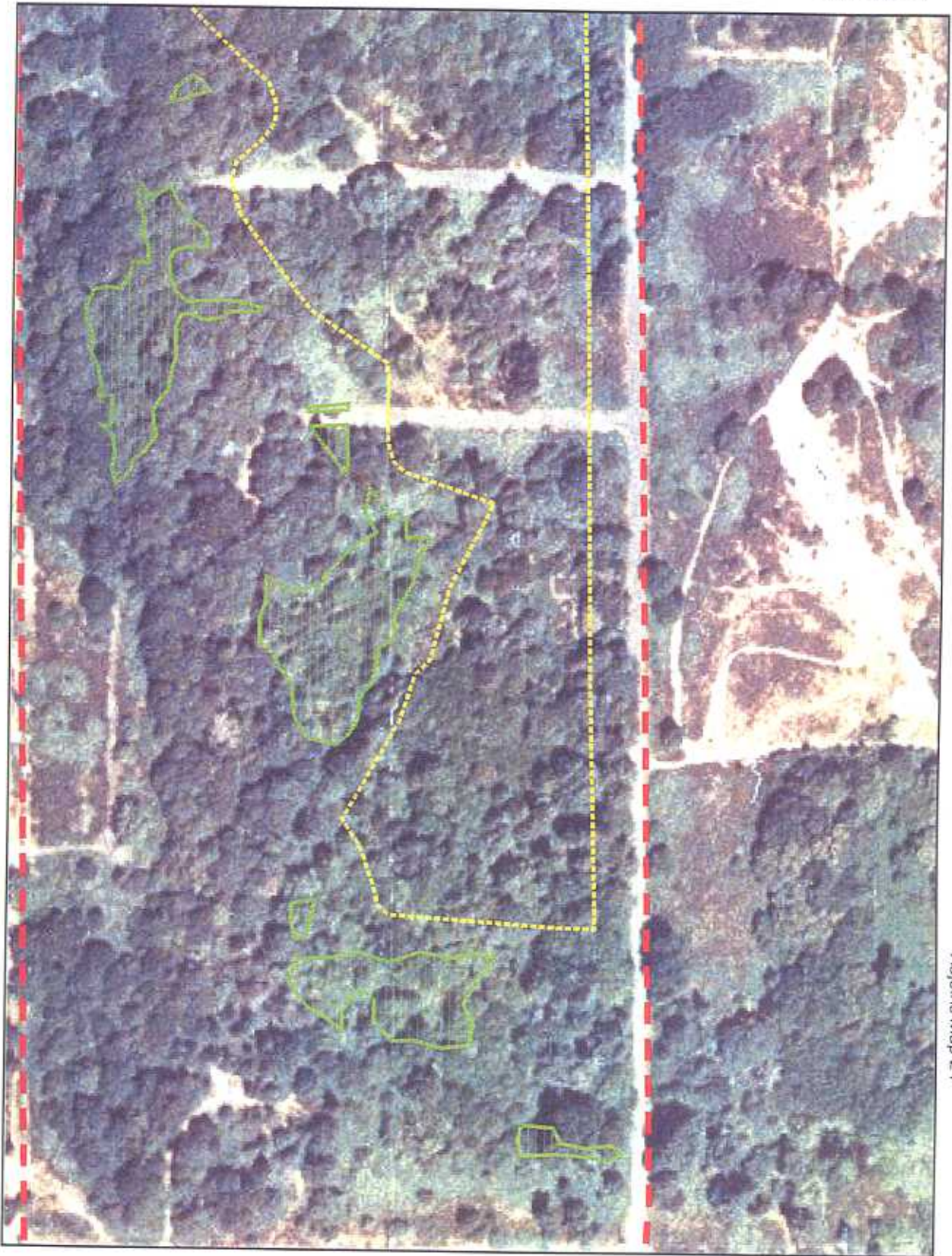


Adjoins Map 24

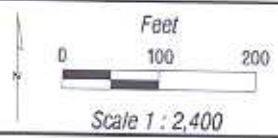



- Surveyed wetland boundary
- Contour Lines
- Basemap general features
- Property Boundary
- Excavation Boundary


AR 050470



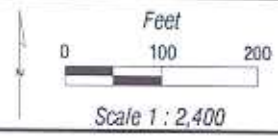
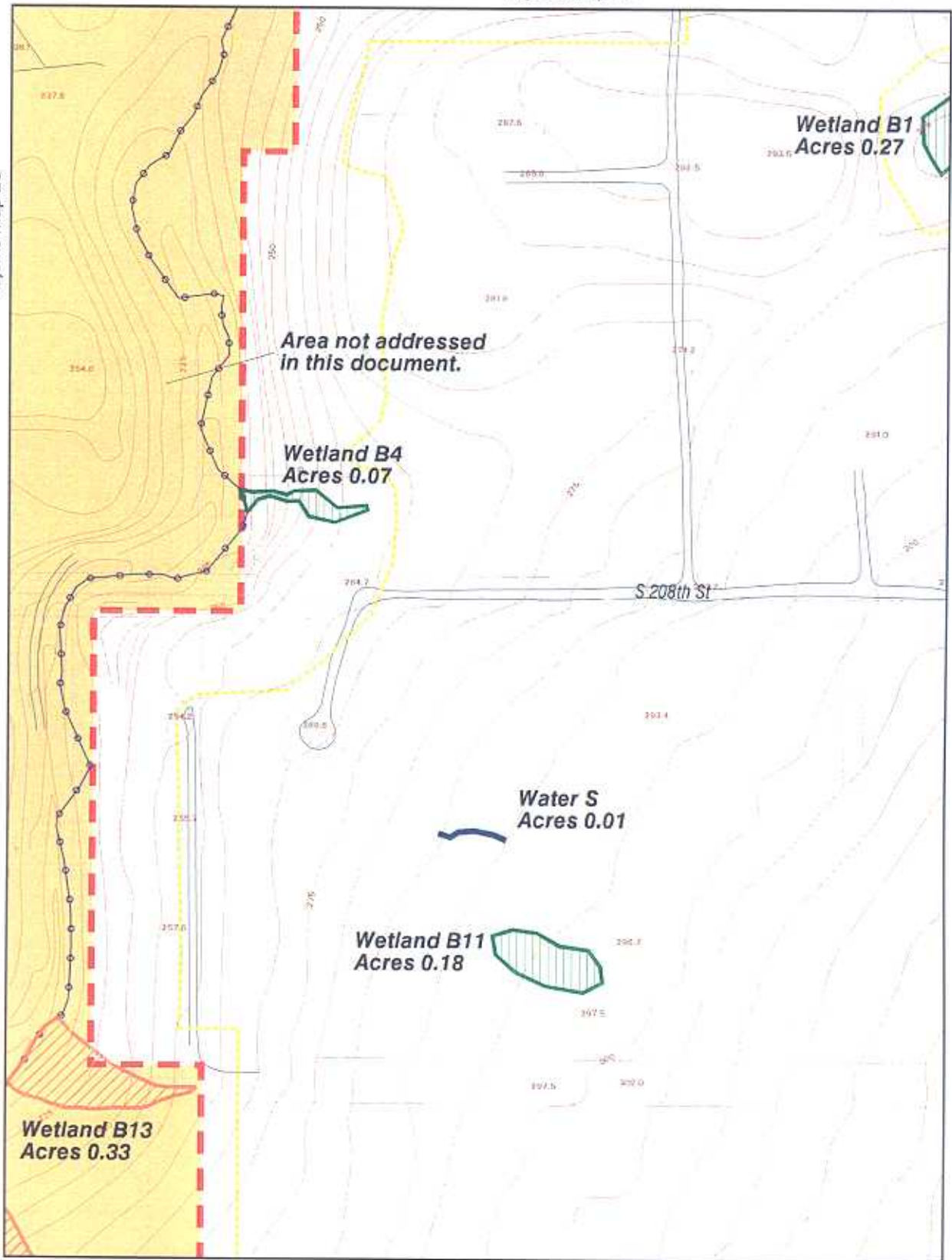
Adjoins Map 24



 Surveved wetland boundary

 Property Boundary
 Excavation Boundary

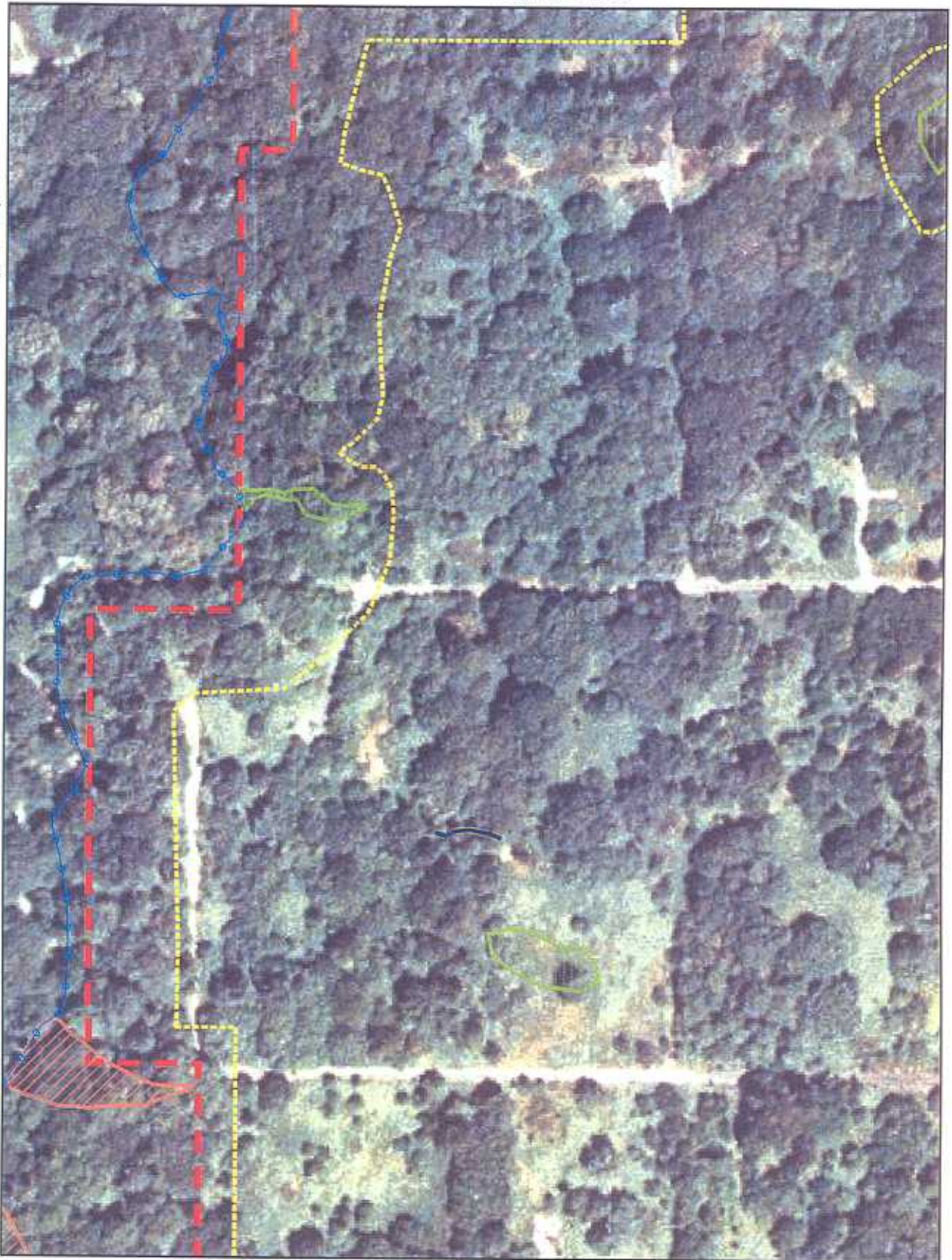
Adjoins Map 23



- Surveyed wetland boundary
- Other Estimated or Unverified Wetlands Outside Project Area.

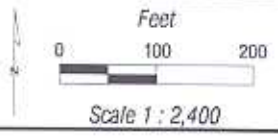
- Des Moines Creek (svy.)
- Waters of U.S. (srv.)
- Contour Lines
- Basemap general features
- Property Boundary
- Excavation Boundary

Adjoins Map 23



Adjoins Map 25

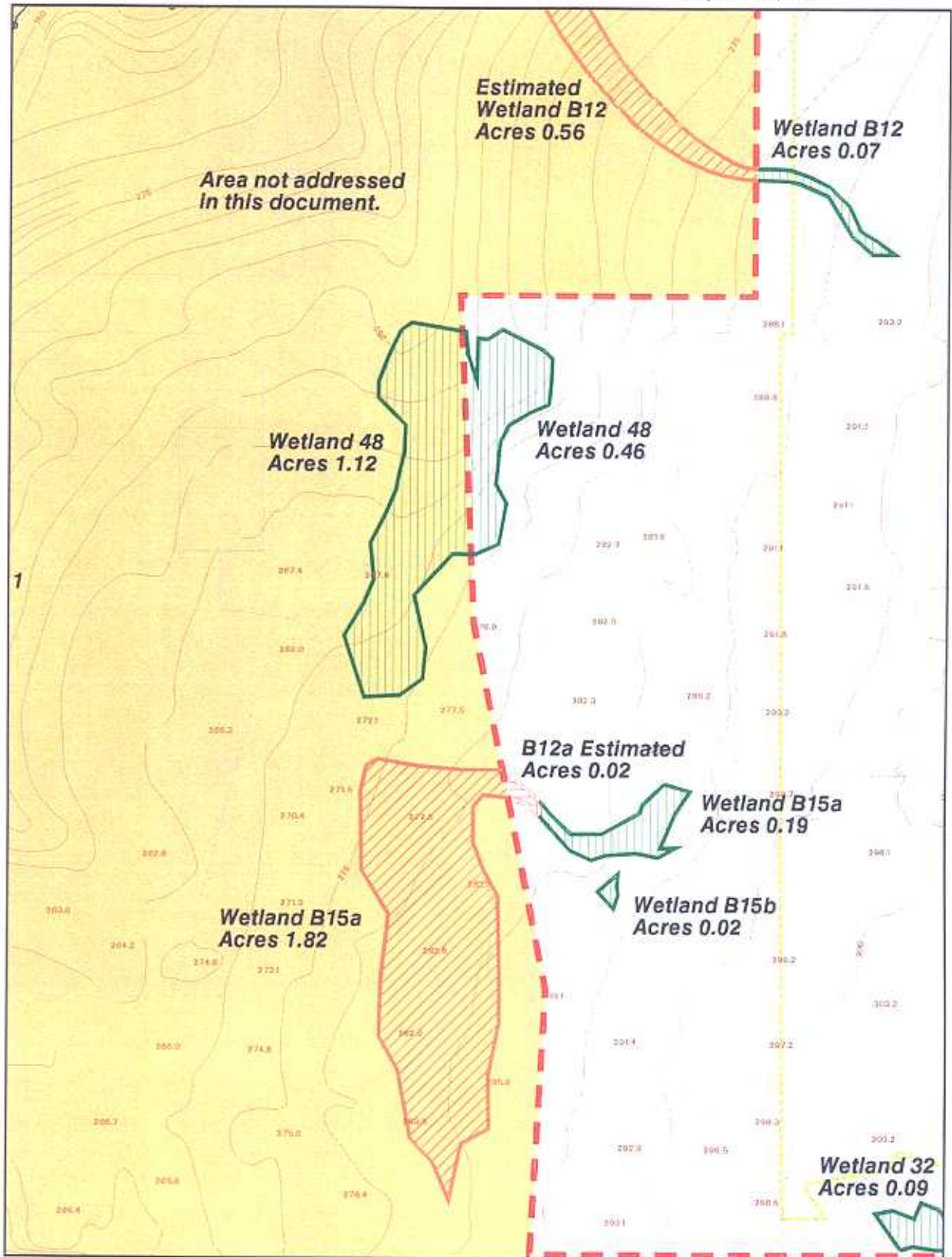
Adjoins Map 26



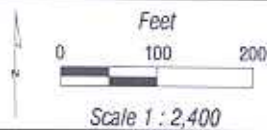
- Surveyed wetland boundary
- Other Estimated or Unverified Wetlands Outside Project Area.

- Das Moines Creek (svy.)
- Waters of U.S. (srv.)
- Property Boundary
- Excavation Boundary

AR 050473



Adjoins Map 26

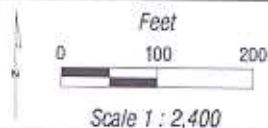


- Surveyed wetland boundary
- Estimated wetland boundary
- Other Estimated or Unverified Wetlands Outside Project Area.

- Contour Lines
- Basemap general features
- Property Boundary
- Excavation Boundary



Adjoins Map 26

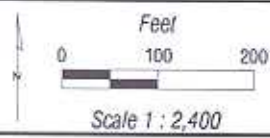
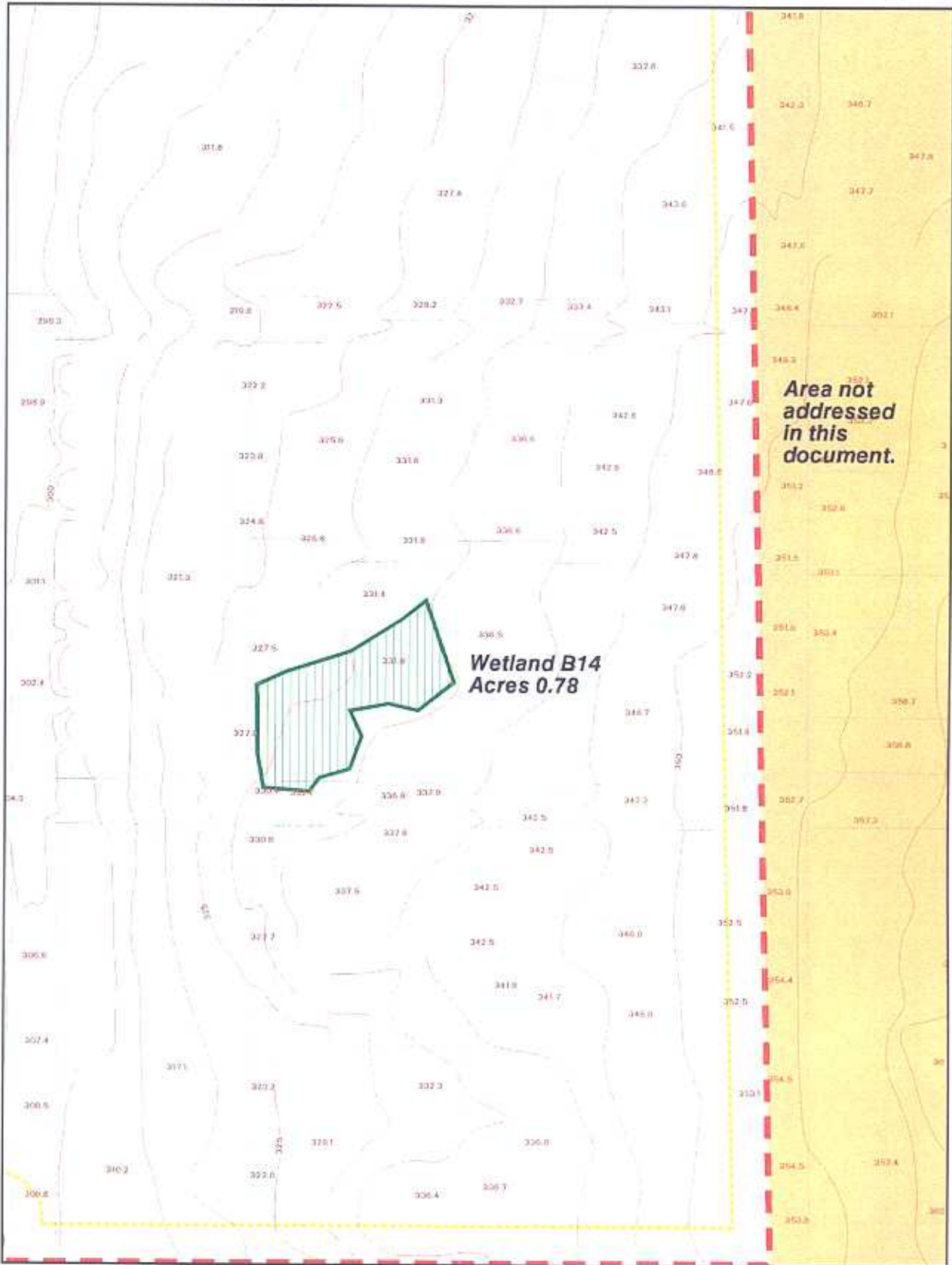



Surveyed wetland boundary
Estimated wetland boundary.





Other Estimated or Unverified Wetlands Outside Project Area.

Property Boundary
Excavation Boundary

Adjoins Map 25

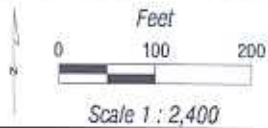



 Surveyed wetland boundary



-  Contour Lines
-  Basemap general features
-  Property Boundary
-  Excavation Boundary

AR 050476

Adjoins Map 25



 Surveyed wetland boundary

 Property Boundary
 Excavation Boundary

AR 050477