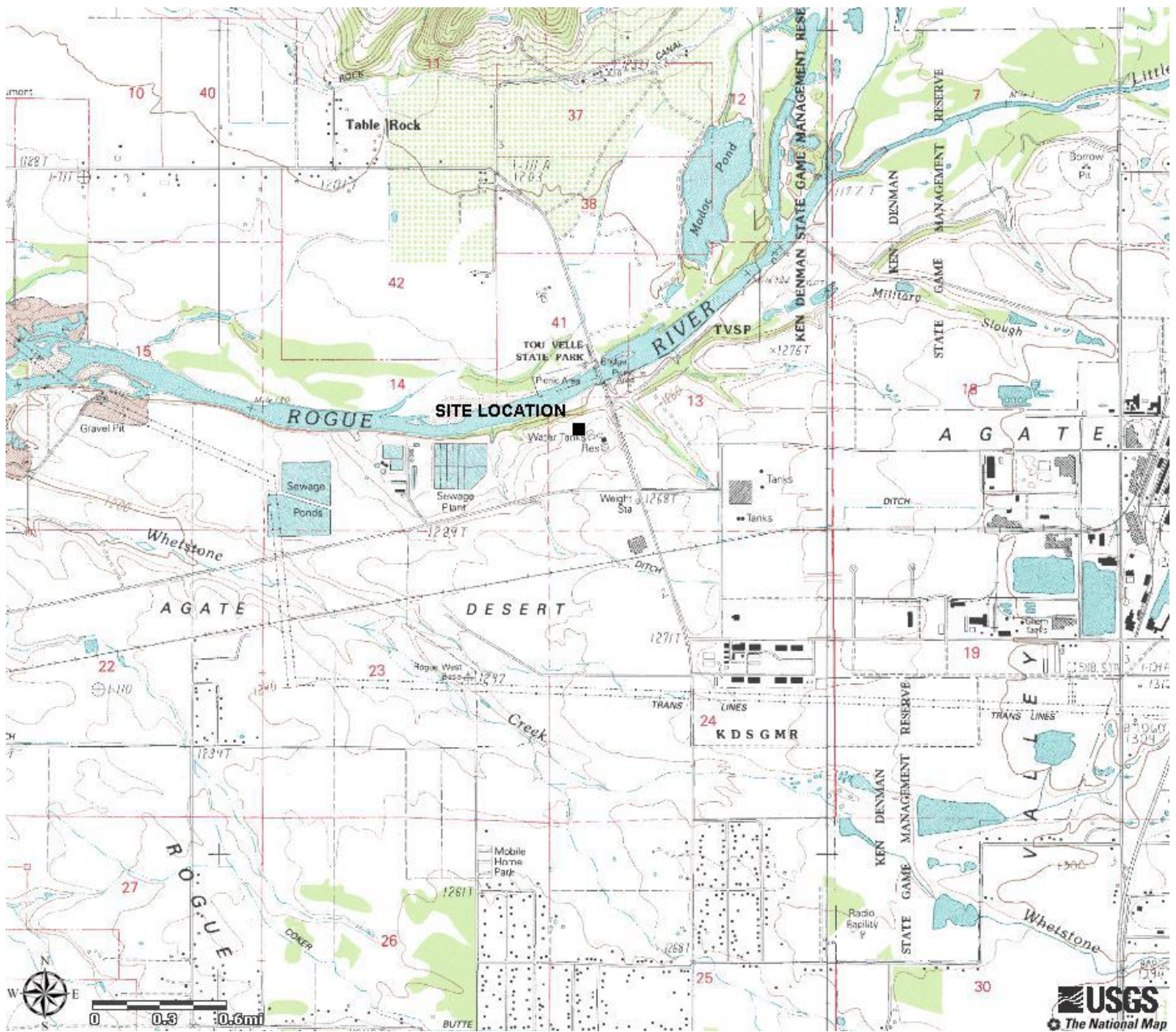




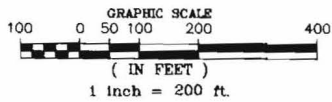
Corps No. NWP-2008-726/2 Medford Water Commission - Site Location Map



Corps No. NWP-2008-726/2 Medford Water Commission - 2010 photo - Existing Site Conditions.

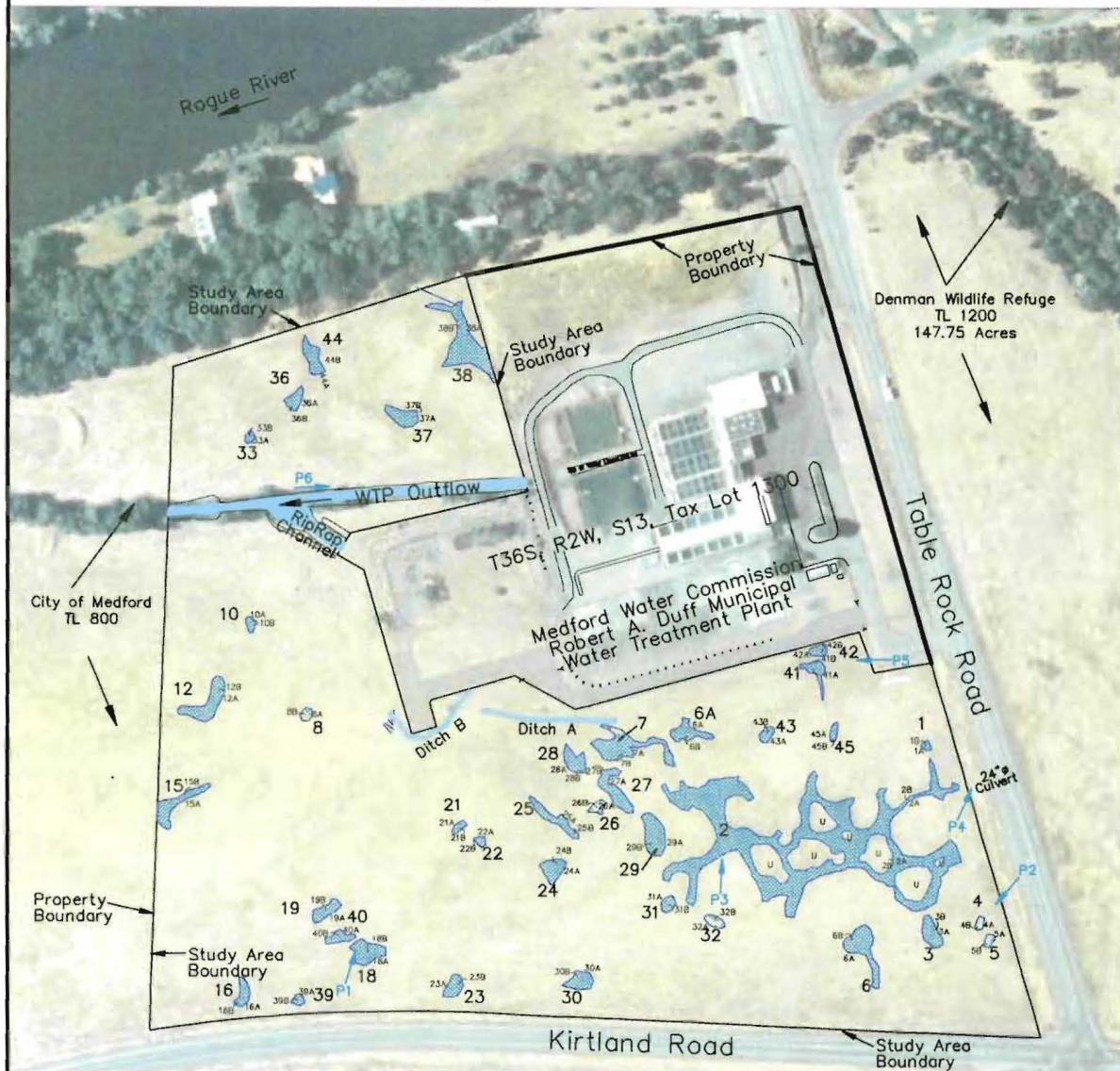
Fig. 2 of 6

Below Ordinary High Water	Sq. Ft.
WTP Outfall Swale	9379
Drainage Ditch A	465
Drainage Ditch B	400

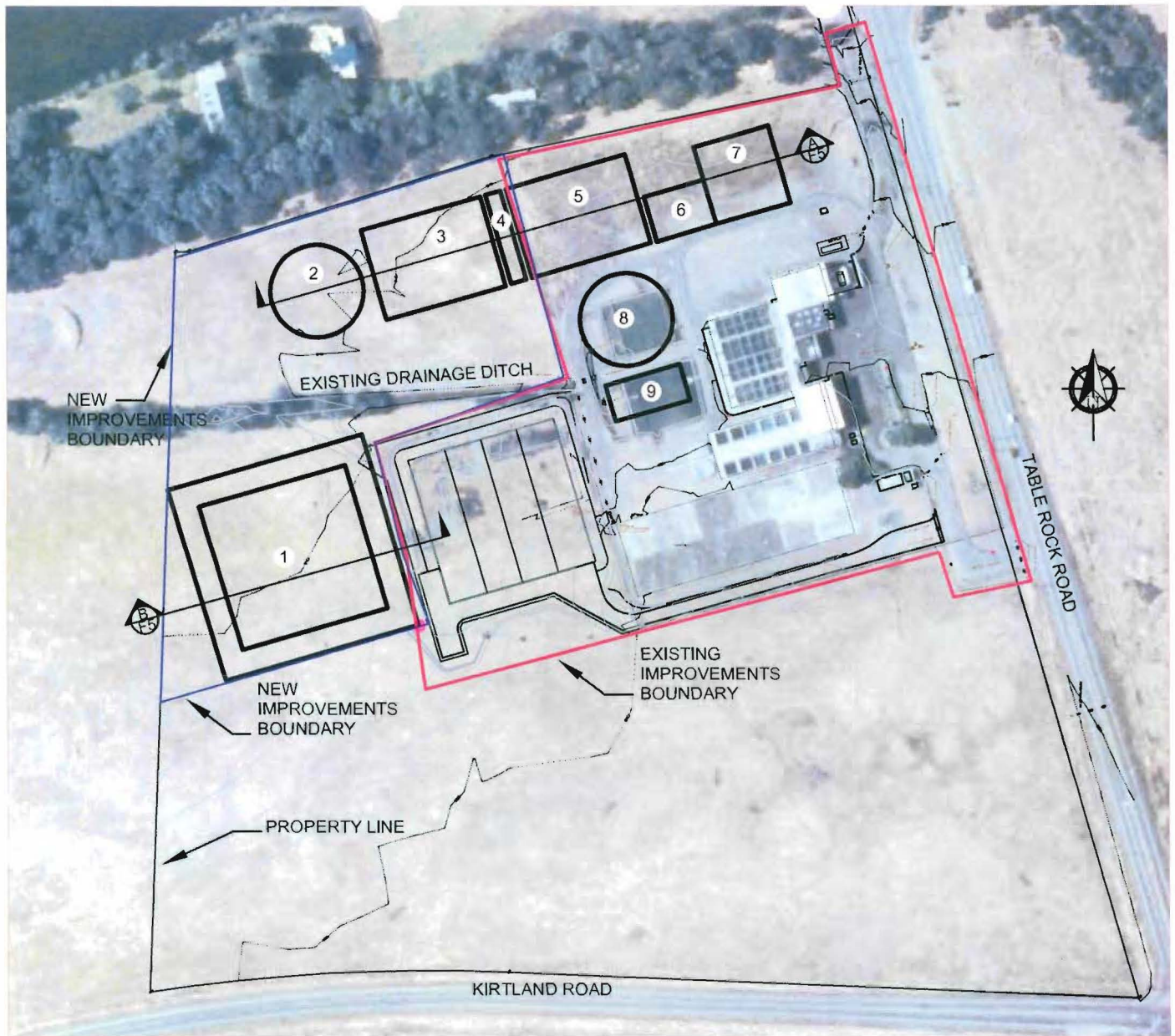


LEGEND	
	Ordinary High Water Limits
	Field Photo W/Direction
	Vernal Pools
	Paired Data Plots
	Ditches

The data collected for this mapping has been collected to a positional accuracy of at least 0.5' horizontally & vertically.



Aug., 2011 13	Figure No.	Joint Fill Permit Application	Northwest Biological Consulting	Pariani Land Surveying 541-890-1131 Revision: Revision: File: MWCWETLANDTOPO Job: 2010-054
		Jurisdictional Wetland Waterway Ditches	Habitat Restoration, Environmental Planning CA Engineering Contractor OR General Contractor	
	Medford Water Commission	324 Terrace St. P.O. Box 671 nwbiolog.com Ashland, OR 97520 Ph/Fax (541) 488-1061		
	541.774.2430			



NEW STRUCTURES - LEGEND

1. NEW WASHWATER LAGOON
2. NEW CLEARWELL
3. NEW MEMBRANE BUILDING
4. NEW OZONE CONTACTORS
5. NEW PLATE SETTLER & FLOCCULATION
6. NEW CHEMICAL BUILDING
7. NEW ADMINISTRATION & PRECONDITIONING BUILDING
8. NEW CLEARWELL
9. NEW HIGH SERVICE PUMP STATION

SCALE: 1" = 250'

JUL 2011 5	Fig. No.	JOINT PERMIT APPLICATION		Northwest Biological Consulting Habitat Restoration, Environmental Planning CA Engineering Contractor OR General Contractor 324 Terrace St. P.O. Box 671 nwbiolog.com Ashland, OR 97520 Ph/Fax (541) 488-1061	
		PROPOSED IMPACT SITE PLAN DUFF WATER PLANT EXPANSION		Kerbo Engineering 541-290-8600	
		Medford Water Commission		Revision:	
		541.774.2430		File: JOINT FILL PERMIT SITE PLAN	
				Job: NB-1-01	

Water Treatment Plant Site Map

T36S, R2W, S13, Tax Lot 1300

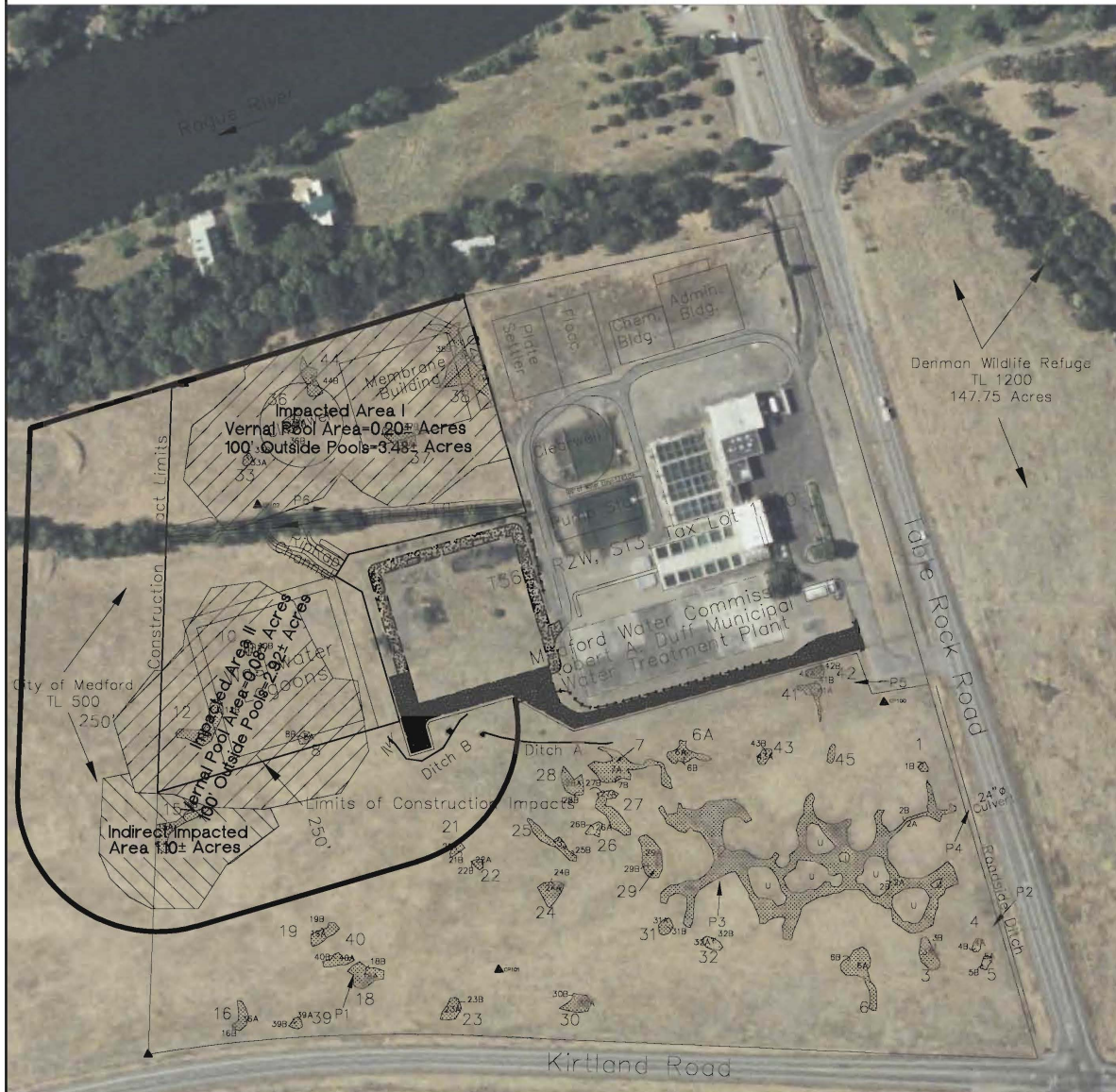
	ACRES
SITE PROPERTY	41.88
STUDY AREA	28.12
CONSTRUCTION AREA	8.16

AGENCY REQUIRED MITIGATION AREA CALCULATION	RATIO		ACRES	MIN. MITIGATION ACRES	
	DSL	CORPS		DSL	CORPS
VERNAL POOL WETTED AREA DIRECT IMPACT	3	1.5	0.28	0.84	0.42
VERNAL POOL WETTED AREA INDIRECT IMPACT	0	1.5	0.045	0	0.07
VERNAL POOL UPLAND COMPLEX DIRECT IMPACT	0	1.5	6.40	0	9.60
VERNAL POOL UPLAND COMPLEX INDIRECT IMPACT	0	1.5	1.10	0	1.65
TOTAL			7.83	0.84	11.74

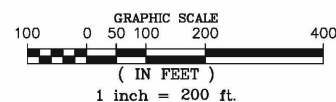
JURISDICTIONAL DITCHES	SF	ACRES
DITCH A	465	0.011
DITCH B	400	0.009
OUTFALL DITCH	9,379	0.215
TABLE ROCK ROADSIDE DITCH*	SEE NOTE	
TOTAL	10,244	0.235

* NOTE: THE ROADSIDE DITCH IS WITHIN THE ODOT RIGHT OF WAY AND WAS NOT DELINEATED.

MIN. ACRES REQUIRED TOTAL MITIGATION INCLUDING WETLAND COMPLEX	11.74
MINIMUM OF TOTAL ACRES REQUIRED TO BE POOLS	0.84



LEGEND	
	Wetland Limits
	P5 Field Photo W/Direction
	Vernal Pools
	Direct Impacted Areas
	Indirect Impacted Areas
	Proposed Improvements



Jan, 2012

Figure No.

7A

JOINT PERMIT APPLICATION

Direct and Indirect Impacted
Vernal Pool Areas

Medford Water Commission

541.774.2430

Northwest Biological Consulting



Habitat Restoration,
Environmental Planning
CA Engineering Contractor
OR General Contractor

324 Terrace St. P.O. Box 671 nwbiolog.com
Ashland, OR 97520 Ph/Fax (541) 488-1061

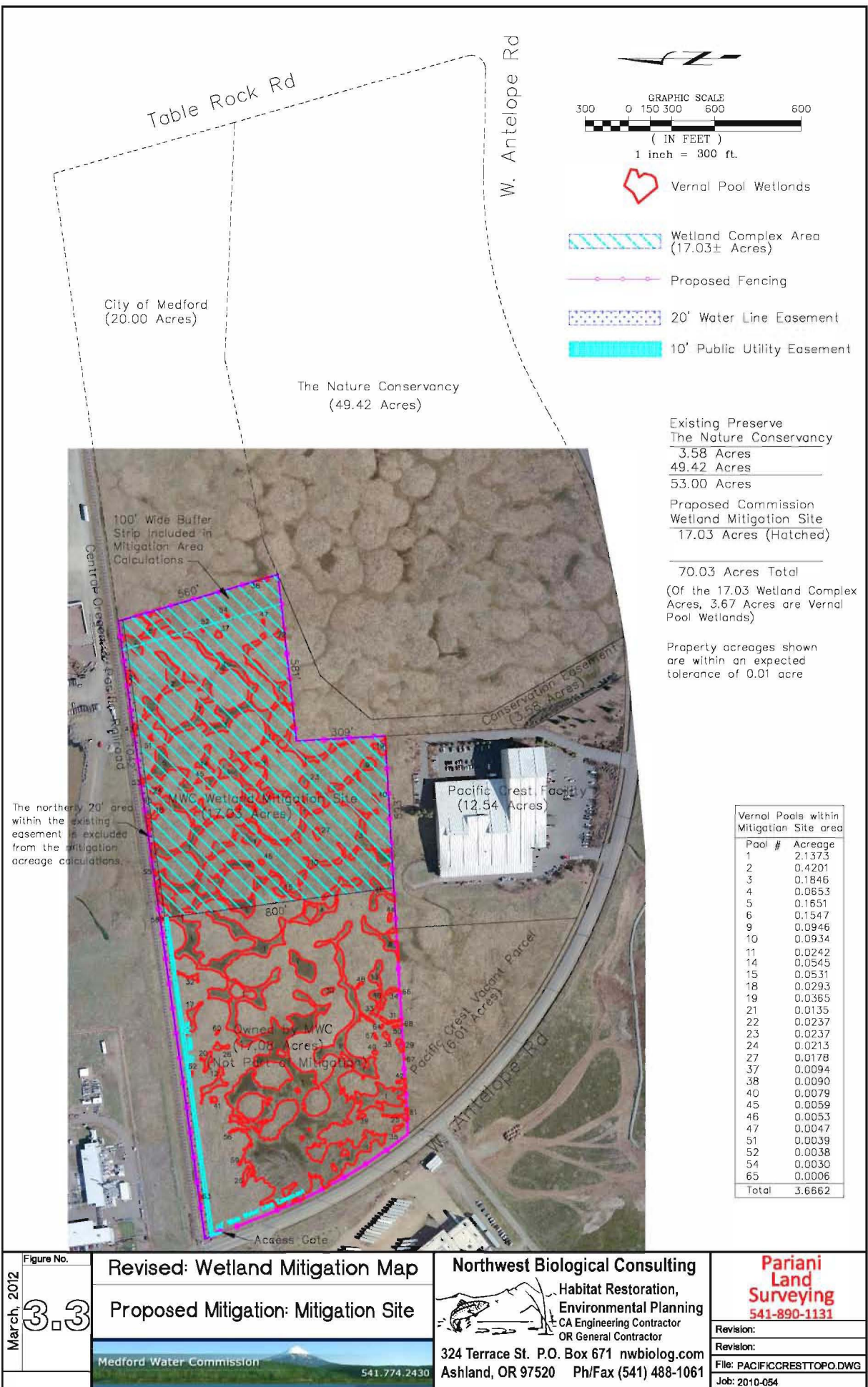
Pariani
Land
Surveying
541-890-1131

Revision:

Revision:

File: MWCWETLANDTOPO

Job: 2010-054



March 2012 Figure No. 3.3	Revised: Wetland Mitigation Map	Northwest Biological Consulting Habitat Restoration, Environmental Planning CA Engineering Contractor OR General Contractor 324 Terrace St. P.O. Box 671 nwbiolog.com Ashland, OR 97520 Ph/Fax (541) 488-1061	Pariani Land Surveying 541-890-1131
	Proposed Mitigation: Mitigation Site		
	Medford Water Commission 541.774.2430		
	Revision: Revision: File: PACIFICCRESTTOPO.DWG Job: 2010-054		