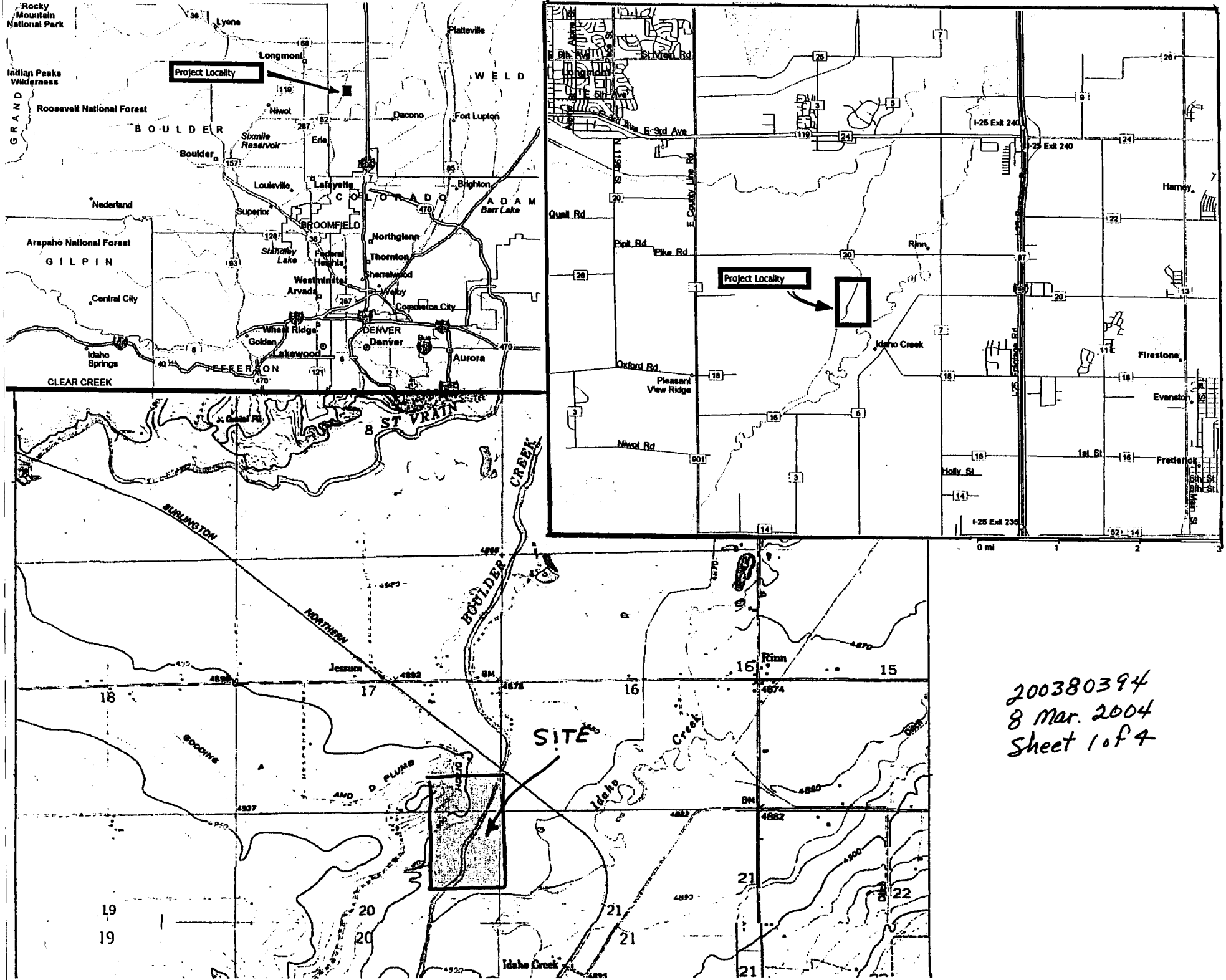

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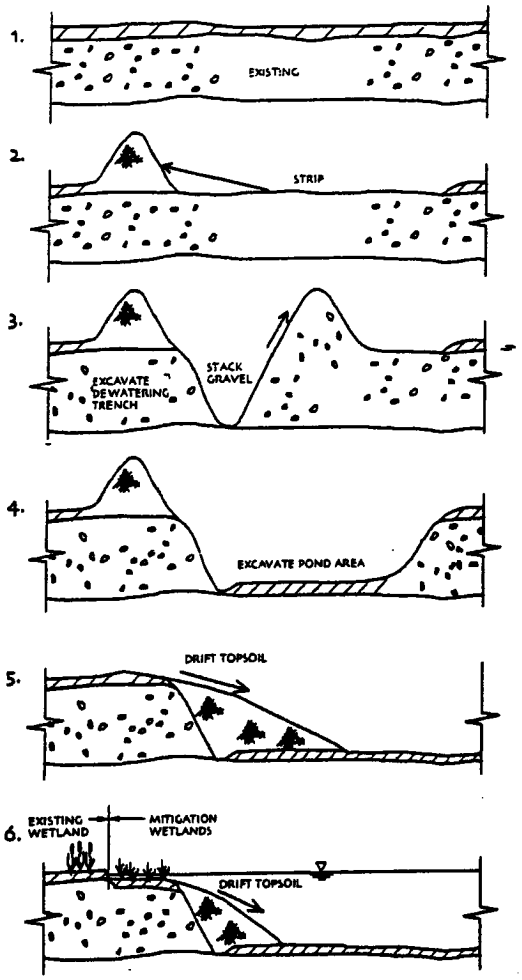

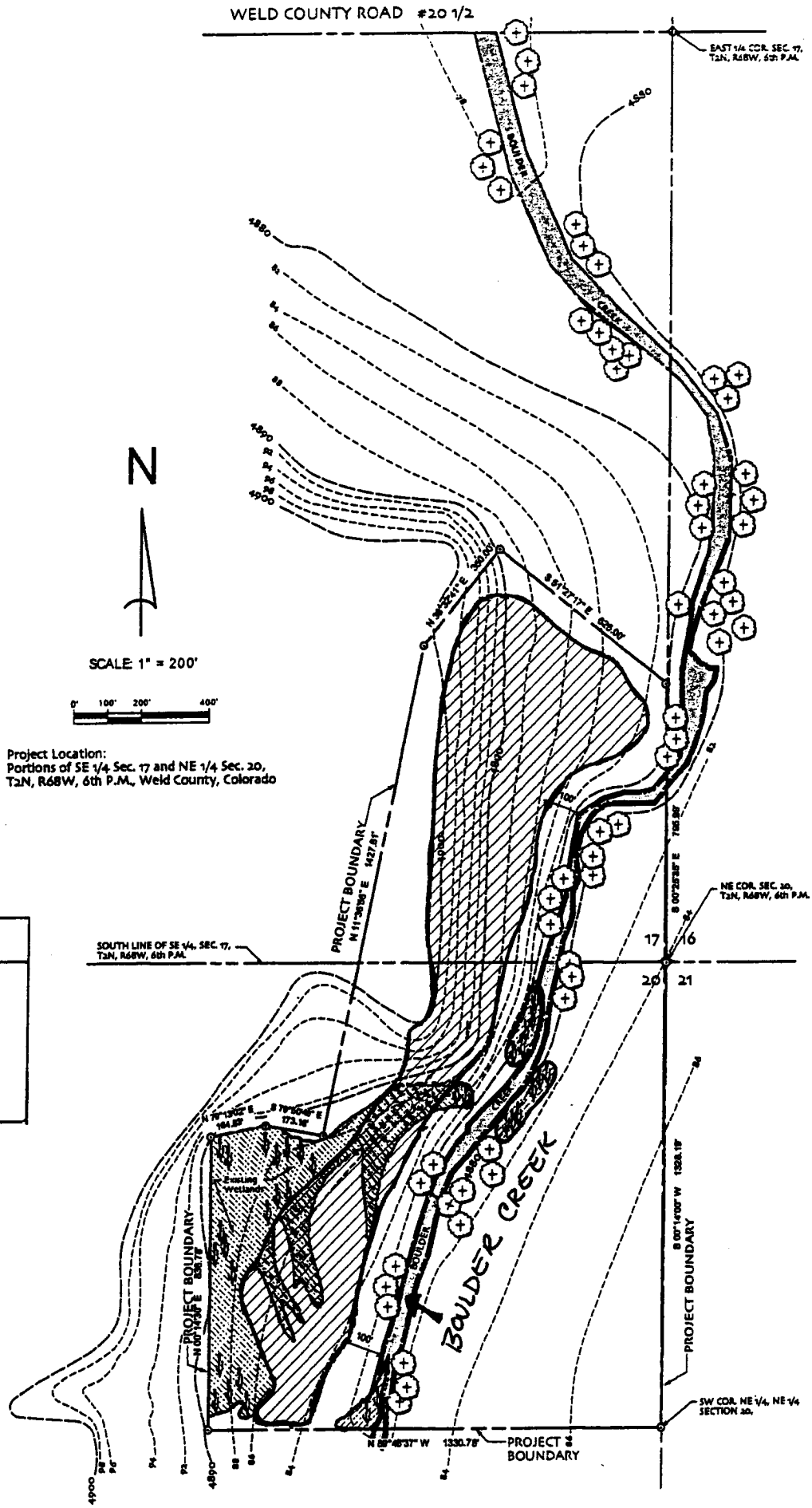

LEGEND

- Existing Wetland = 6.4 Acres±
- Open Water
- Project Area PROPOSED POND
- WETLAND IMPACTS

Note:
Contours along Boulder Creek have been revised to reflect topo along the updated Creek alignment and are approximate.

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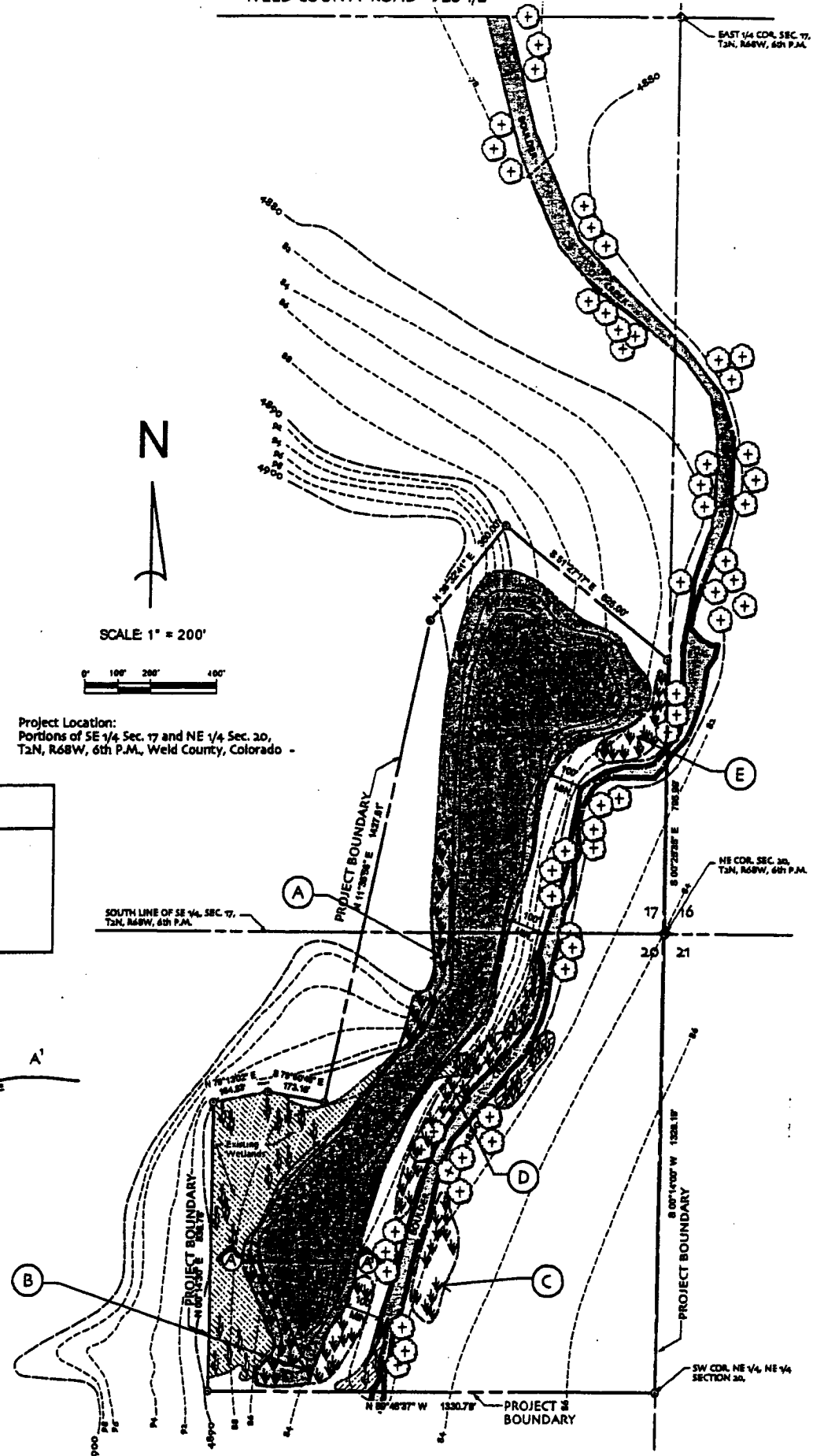


N

SCALE: 1" = 200'

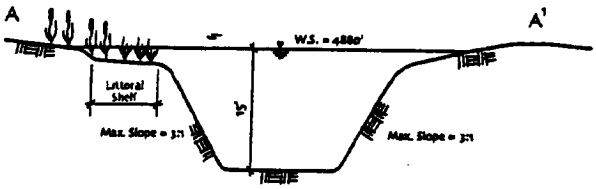
0' 100' 200' 400'

Project Location:
Portions of SE 1/4 Sec. 17 and NE 1/4 Sec. 20, T2N, R68W, 6th P.M., Weld County, Colorado

LEGEND

- Existing Wetland
- Open Water
- Approximate Wetland Mitigation Area

Note:
Contours along Boulder Creek have been revised to reflect topo along the updated Creek alignment and are approximate.



CROSS SECTION A-A'

NOT TO SCALE

WETLAND MITIGATION TABLE

	ACREAGE	ACREAGE
Existing Wetland		6.4 Ac.
Impacted Wetland		-1.7 Ac.
Existing to Remain		4.7 Ac.
Mitigated Wetland		
A - West Pond Area	0.8 Ac.	
B - South Pond Area	1.2 Ac.	
C - West Creek Area	0.7 Ac.	
D - East Creek Area	0.9 Ac.	
E - East Pond Area	0.6 Ac.	
Mitigated Total		4.2 Ac.
Net Wetland Area		8.9 Ac.

WETLAND MITIGATION PLAN

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			Pounds of Pure live seed
Grasses and Grasslike Plants			
Carex lanuginosa		Woolly Sedge	0.6
Distichlis stricta		Inland Saltgrass	1
Spartina pectinata		Prairie cordgrass	2
Wildflowers/Broadleaved Herbs			
Achillea lanulosa		Western Yarrow	0.1
Asclepias incarnata		Swamp Milkweed	0.1
Sagittaria cuneata		Arrowhead	0.1
Verbena hastata		Blue Vervain	0.1
High Plains Wet Meadow Mix (Western Native Seed)			10
SPECIES	% of Mix	Common Name	
Beckmannia syzigachne	(12%)	Sloughgrass	
Carex lanuginosa	(3%)	Woolly Sedge	
Carex nebrascensis	(3 %)	Nebraska sedge	
Carex rostrata	(1%)	Beaked Sedge	
Eleocharis palustris (macrostachya)	(5%)	Common Spikerush	
Elymus canadensis	(15%)	Canada Wildrye	
Juncus balticus	(2%)	Baltic Rush	
Juncus torreyi	(1%)	Torrey Rush	
Panicum virgatum	(12%)	Switchgrass	
Puccinellia airoides	(2%)	Nuttall's Alkali Grass	
Scirpus acutus	(10)%)	Hardstem Bulrush	
Scirpus americanus	(4%)	Threesquare Bulrush	
Scirpus pallidus	(1%)	Pale bulrush	
Scirpus paludosus	(10%)	Alkali Bulrush	
Scirpus validus (lacustris)	(10%)	Softstem Bulrush	
Sparganium eurycarpum	(4%)	Giant Bur Reed	
Spartina pectinata	(5%)	Prairie Cordgrass	
Total pounds pls/acre			14

SCHELL WETLAND - POND
SEED MIX – SATURATED AREAS AROUND POND

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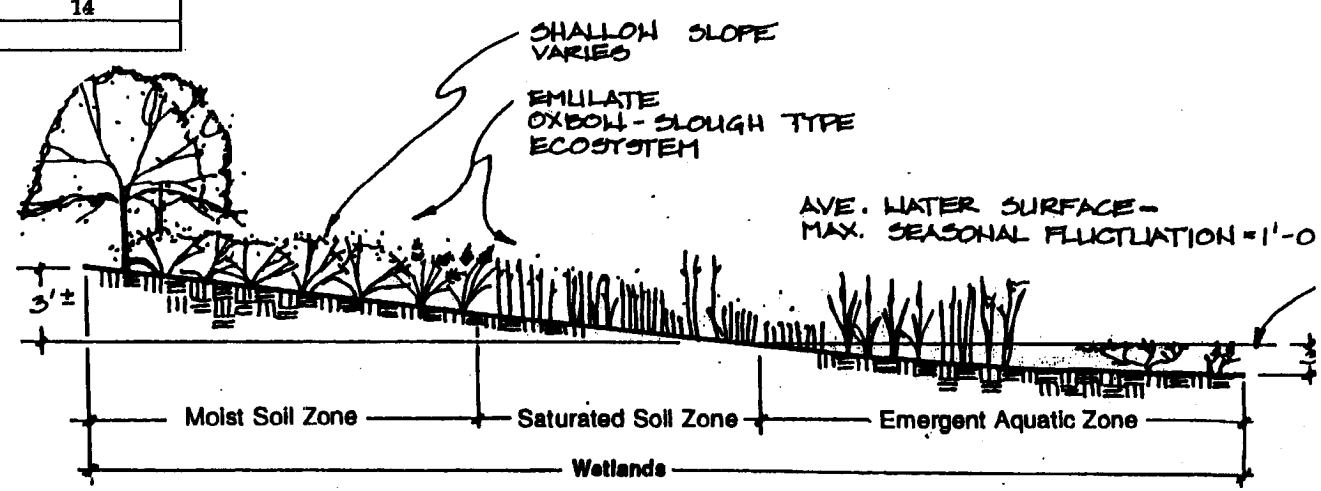
SEED MIX – UPLAND AREAS

Scientific Name	Common Name	Variety[1]	Seeding Rate (PLS lb/ac[2])
PERENNIAL GRASSES			
Agropyron dasystachyum	Thickspike Wheatgrass	Critana	3
Agropyron smithii	Western Wheatgrass	Arriba or Barton	5
Agropyron trachycaulum	Slender Wheatgrass	Pryor or Revenue	3
Bouteloua curtipendula	Sideoats Grama	Vaughn	3
Bouteloua gracilis	Blue Grama	Hachita or Lovington	2
Buchloe dactyloides	Buffalo Grass	Sharp's Improved	2
Panicum virgatum	Switchgrass	Blackwell	2
Sporobolus airoides	Alkali Sacaton		1
Schizachyrium scoparium	Little Bluestem	Blaze	1
FORBS			
Achillea lanulosa	Western Yarrow		0.1
Dalea purpurea	Purple Prairie Clover		0.1
Linum lewisii	Lewis's Blue Flax	Appar	0.1

[1] Availability may dictate the need for variety substitution
[2] Pure Live Seed/pounds per acre; rates shown are for drill seeding;



Conceptual Freshwater Marsh / Woody Riparian Wetland - Cross-Section not to scale