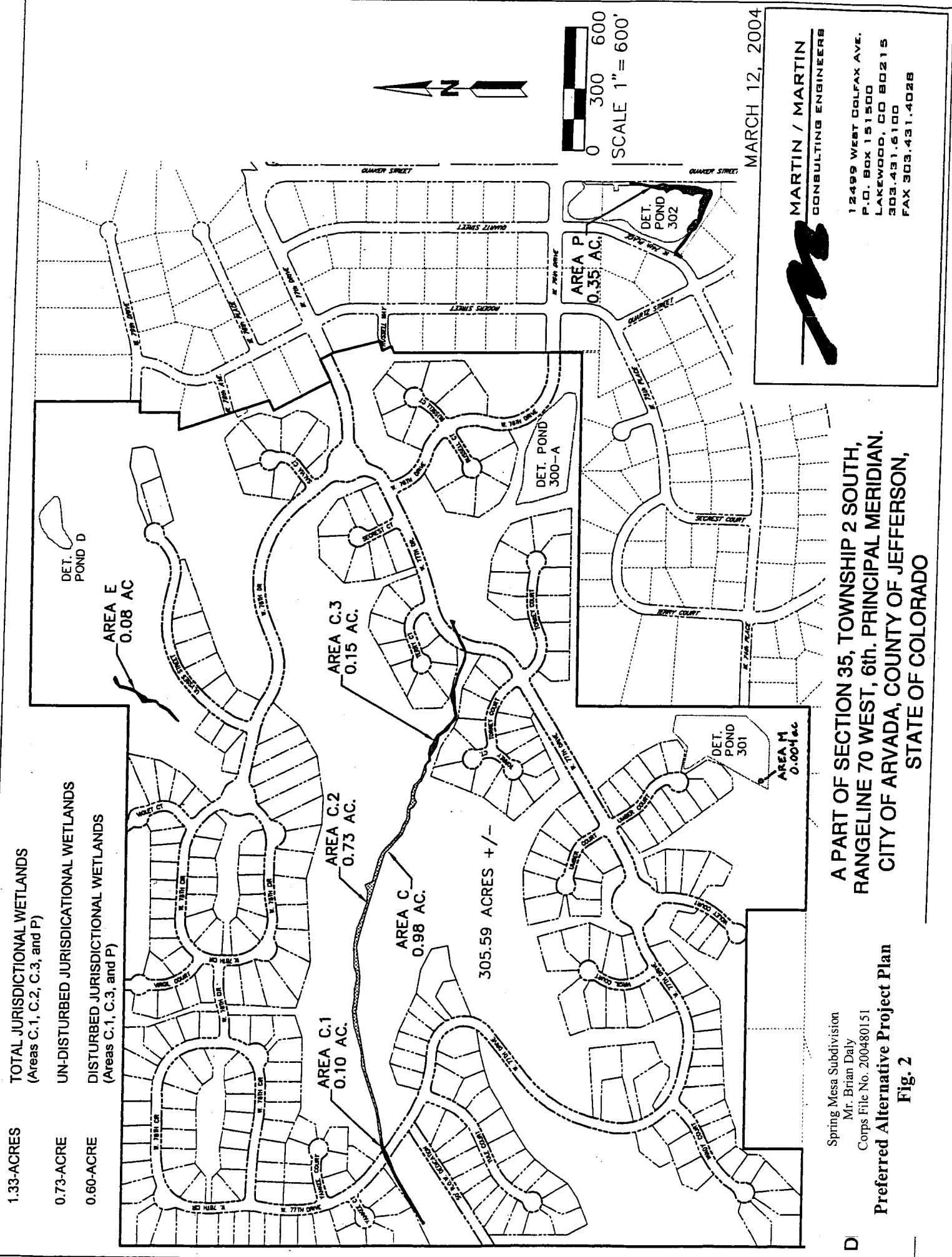


3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Date: USGS

750 ft Scale: 1 : 25,000 Detail: X-4 Datum: NAD27

Latitude: N39°50'11" Longitude: W105°11'58"

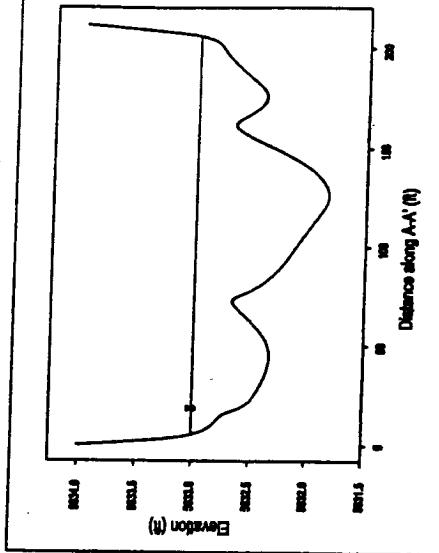
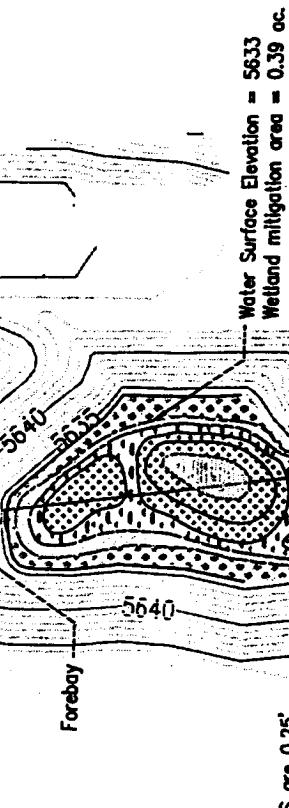
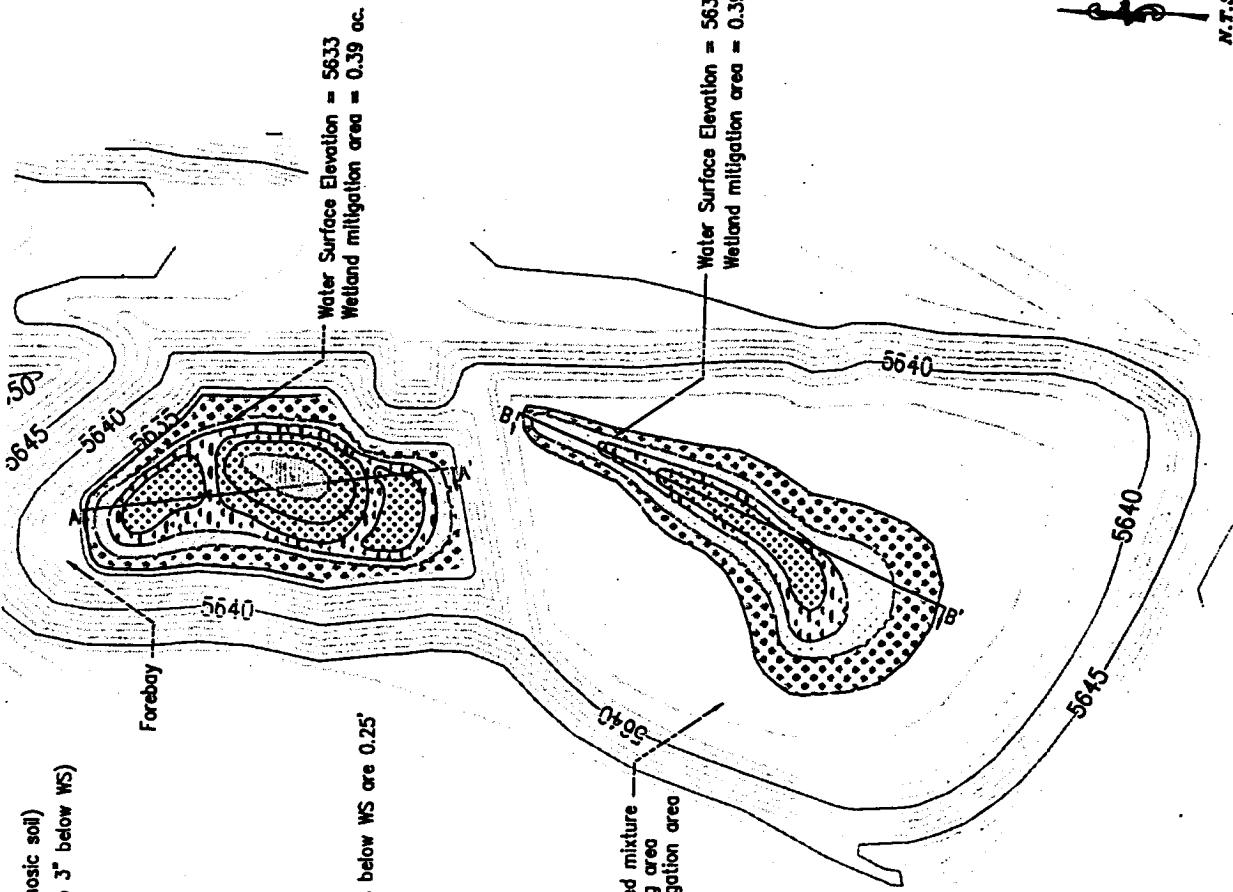


Spring Mesa Subdivision Offsite Wetland Mitigation Design

Jefferson County, Colorado

(Planting Zones and Cross-Sections)

- Planting Zone #1 (seas. flooded, moist/mosaic soil)
- Planting Zone #2 (seas. saturated soil to 3" below WS)
- Planting Zone #3 (up to 6" below WS)
- Planting Zone #4 (6 - 12" below WS)
- Planting Zone #5 (> 12" below WS)



Spring Mesa Subdivision
Mr. Brian Daly
Corps File No. 200480151
Mitigation Design
Fig. 3



Wetland Mitigation Plant Palette

Planting Zone #1 (moist/mesic and seasonally flooded soil)

Grasses:

- Distichlis spicata* – Inland saltgrass
- Sporobolus airoides* - Alkali sacaton
- Puccinellia nuttalliana* – Nuttall's alkali grass
- Glyceria striata* – Fowl mannagrass
- Beckmannia syzigachne* – Sloughgrass

Planting Zone #1 (moist/mesic and seasonally flooded soil) - continued

Shrubs:

- Rosa woodsii* – Wood's rose
- Amorpha fruticosa* – Leadplant
- Prunus Americana* – American plum
- Salix exigua* – coyote willow
- Symporicarpos albus* - Common snowberry

Planting Zone #2 (seasonally saturated and saturated soil to 3 inches below water surface)

- Carex nebrascensis* – Nebraska sedge
- Juncus torreyi* – Torrey's rush
- Juncus nodosus* - Knotted rush
- Panicum virgatum* – Switchgrass
- Juncus balticus* – Baltic rush

Planting Zone #3 (between 3 and 6 inches below water surface)

- Eleocharis palustris* – Creeping spikerush
- Juncus effusus* – Soft rush
- Acorus calamus* – Sweetflag
- Schoenoplectus pungens* – Three-square bulrush
- Scirpus microcarpus* – Small-fruit bulrush
- Schoenoplectus maritimus* – Alkali bulrush

Planting Zone #4 (6 to 12 inches below water surface)

- Sparganium eurycarpum* – Giant burreed
- Schoenoplectus acutus* – Hard-stem bulrush
- Schoenoplectus tabernaemontani* – Soft-stem bulrush

The following upland/disturbed area seed mixture consisting of native species that are indigenous to the area will be utilized for restoration of all upland areas that will be temporarily disturbed due to construction-related activities.

Restoration Seed Mix

Adjacent and Disturbed Areas of Wetland Mitigation

- Elymus trachycaulus* subsp. *Trachycaulus* – Slender wheatgrass
- Pascopyrum smithii* – Western wheatgrass
- Koeleria cristata* – Junegrass
- Chondrosum gracile* – Blue grama
- Andropogon gerardii* – Big bluestem
- Sporobolus cryptandrus* – Sand dropseed