



- LEGEND**
- BOUNDARY PHASE I & II
 - PROPERTY LINE
 - PARCEL BOUNDARY
 - EXISTING CONTOUR
 - PROPOSED CONTOUR
 - FENCE
 - SECTION LINE
 - EXISTING DRAINAGE BASIN
 - EXISTING REACH FLOW LINE
 - PROPOSED DRAINAGE BASIN
 - PROPOSED REACH FLOW LINE
 - EXISTING FEMA FLOOD PLAIN
 - PROP. APPROX. FLOOD PLAIN
 - EXISTING REACH ID
 - PROPOSED REACH ID
 - EXISTING DESIGN POINT
 - PROPOSED DESIGN POINT
 - PROPOSED POND

MATCHLINE SEE EXHIBIT 2

MATCHLINE SEE EXHIBIT 3

CHANNEL REACH IDENTIFICATION FOR TYPE 1 CHANNELS (SEE APPENDIX B, TABLE 1 FOR ADDITIONAL DETAIL)

CHANNEL REACH IDENTIFICATION	DOWNSTREAM END OF REACH				TOP WIDTH, INCLUDING FREEBOARD (ft)
	Q (CFS)	v (FPS)	b (FT)	d (FT)	
88*	384	5.85	8.0	3.18	45.4
72	581	3.83	8.0	3.88	50.8
74	1719	7.60	40.0	4.03	54.2
75	695	6.80	10.0	3.98	63.8
78	1131	5.10	8.0	2.98	38.7

*Reach data provided here for reaches with design per the MDDP only. Other reaches are shown for reference only.
 *Data for this reach provided for areas where engineered channel cannot be avoided. Custom avoidance design is the preferred option where feasible.

NO.	DATE	DESCRIPTION	BY

BANNING LEWIS RANCH PHASES I AND II
 MASTER DEVELOPMENT DRAINAGE PLAN
 CITY OF COLORADO SPRINGS
 EL PASO COUNTY, COLORADO

PROPOSED CONDITIONS
EXHIBIT 4

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Job #052.251395.0010.00620
 Scale 1" = 400'
 Checked
 Approved
 Date APRIL, 2003

E:\Projects\Colorado\03_04_03\Banning Lewis Ranch\03_04_03_Banning Lewis Ranch Phases I and II Master Development Drainage Plan\03_04_03_Banning Lewis Ranch Phases I and II Master Development Drainage Plan - Proposed Conditions - Exhibit 4.dwg
 03_04_03