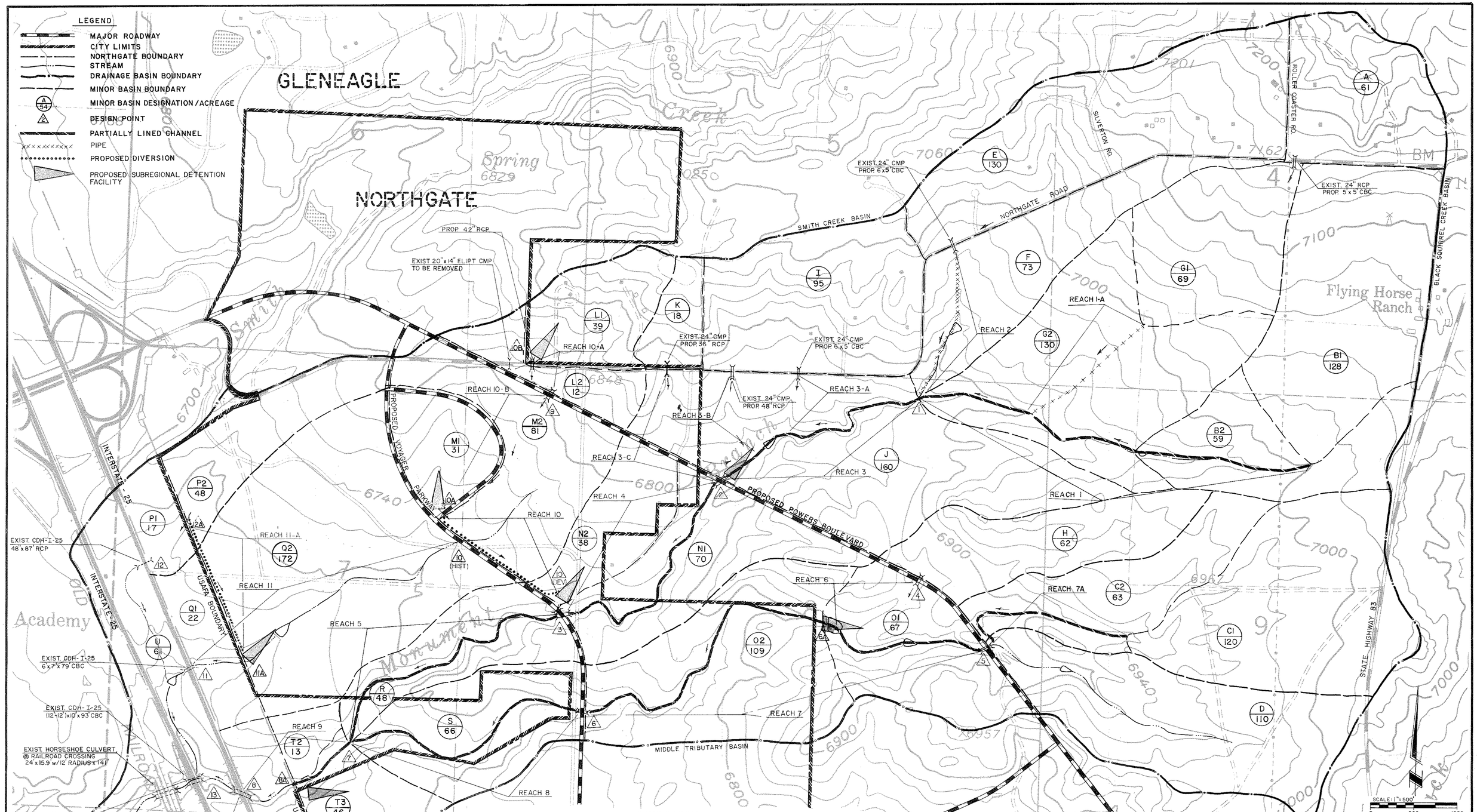

MONUMENT BRANCH DRAINAGE BASIN
PROPOSED MAJOR DRAINAGE FACILITIES

DESIGN POINT	REACH	FACILITY (w x h x l)	DESIGN FLOW (cfs)	DESIGN POINT	REACH	FACILITY (w x h x l)	DESIGN FLOW (cfs)
-	1	30'x 4.5'x 4750' PLC, 16 drops	997	-	10-B	100-YEAR OVERFLOW PROVISION	596
-	1-A	54" dia. x 1650' RCP	365	-	10	15'x 5.5'x 1750' PLC, 0 drops	656
-	2	60" dia. x 1900' RCP	376	10A	-	DETENTION FACILITY	80 (out)
-	3	50'x 4.5'x 2800' PLC, 10 drops	1586	10B	-	DETENTION FACILITY	84 (out)
-	3-A	100-YEAR OVERFLOW PROVISION	228	10 (DEV)	-	5'x 4'x 250' CBC	152
-	3-B	100-YEAR OVERFLOW PROVISION	114	10 (DEV)	-	DETENTION FACILITY	152 (out)
-	3-C	100-YEAR OVERFLOW PROVISION	63	8A South	-	DETENTION FACILITY	94 (out)
2	-	10'x 10'x 280' CBC	1290	8	-	EXIST. (16'-10')x 11'x 181' CBC	2285
2	-	DETENTION FACILITY	1290 (out)	11A	-	DETENTION FACILITY	384 (out)
-	4	40'x 4.5'x 2900' PLC, 6 drops	1312	11	-	EXIST. 6'x 7'x 79' CBC	390
3	-	12'x 10'x 240' CBC	1312	12A	-	DIVERSION STRUCTURE	80 pass, 187 divert
-	5	50'x 4.5'x 3300' PLC, 8 drops	1460	-	11A	5'x 4.5'x 1750' PLC, 0 drops	187
4	-	6'x 5'x 240' CBC	214	12	-	EXIST. 48" dia. x 87' RCP	135
-	6	100-YEAR OVERFLOW PROVISION	214	13	-	EXIST. (12'+ 12')x 10'x 93' CBC	2429
5	-	13'x 8'x 240' CBC	1064	-	-	EXIST. HORSESHOE CULVERT	2434
-	7A	30'x 4.0'x 2050' PLC, 5 drops	642	14	-	CONFLUENCE W/ MONUMENT CREEK	2459
-	7	40'x 5.0'x 5800' PLC, 16 drops	777	BASIN B1	-	(8'- 8')x 5'x 240' CBC	598
6A	-	DETENTION FACILITY	757 (out)	BASIN A	-	5'x 5'x 130' CBC	184
6	-	10'x 8'x 160' CBC	777	BASIN E	-	6'x 5'x 130' CBC	229
-	8	30'x 4.0'x 3100' PLC, 7 drops	775	BASIN I (E)	-	6'x 5'x 130' CBC	228
-	9	60'x 5.0'x 900' PLC, 5 drops	2279	BASIN I (W)	-	48" dia. x 130' RCP	114
-	10-A	100-YEAR OVERFLOW PROVISION	152	BASIN K	-	36" dia. x 130' RCP	63
9	-	5'x 4'x 240' CBC	152	BASIN L1	-	42" dia. x 130' RCP	86

MONUMENT BRANCH TRIBUTARY BASIN

PRESENT & DEVELOPED CONDITIONS

FIGURE 3

PREPARED BY:

URS CORPORATION
MAKING TECHNOLOGY WORK
COLORADO SPRINGS, COLORADO

DATE: FEB. 87 46382-05