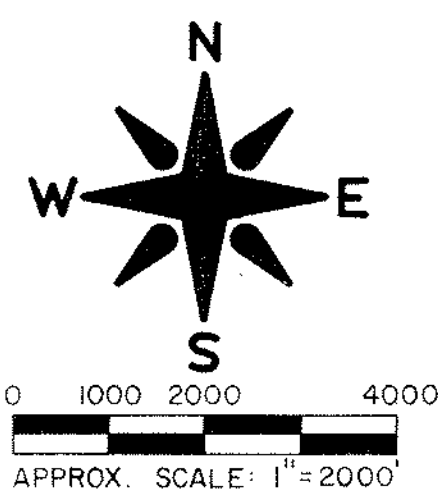
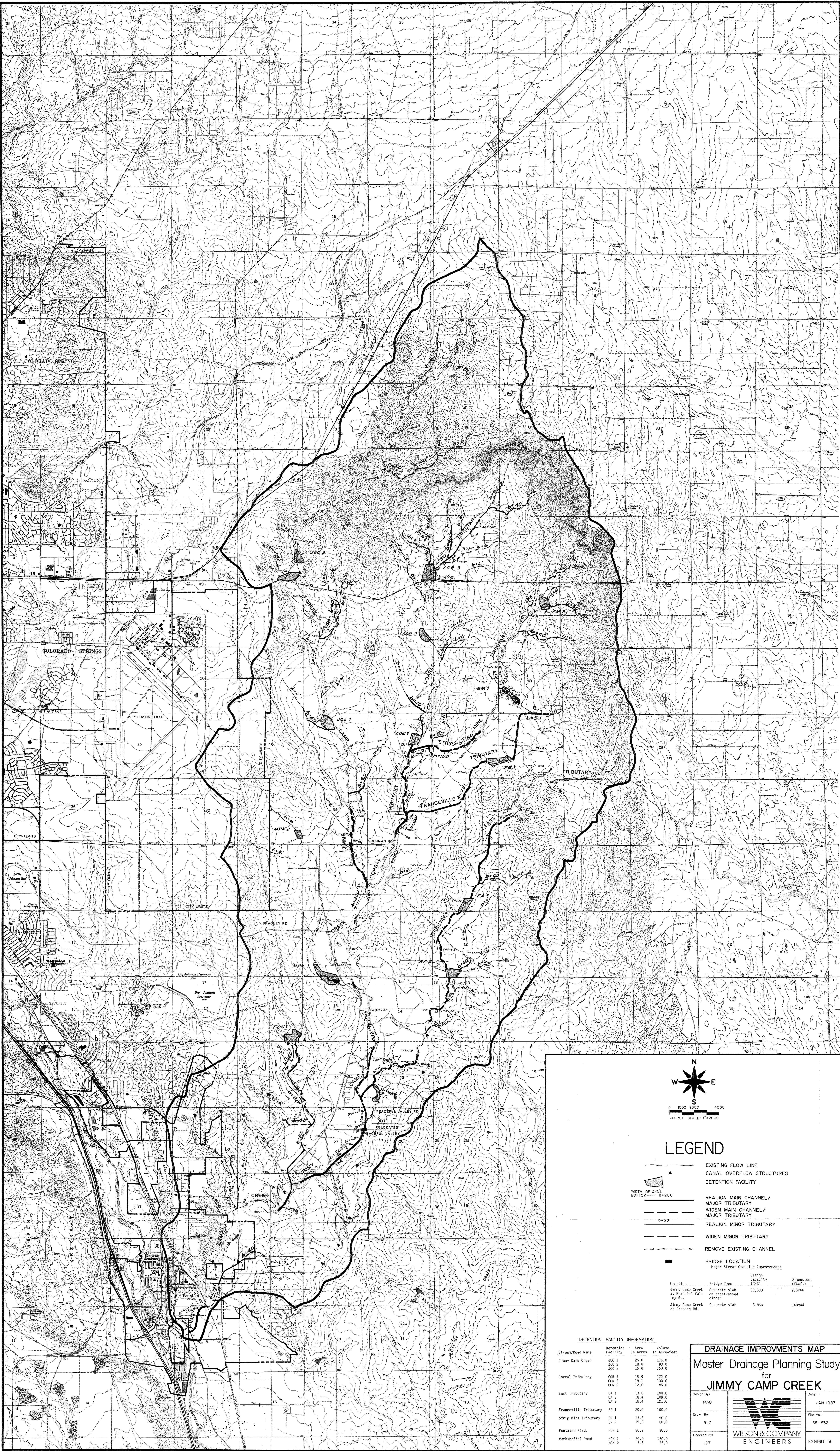




LEGEND

- EXISTING FLOW LINE
 - CANAL OVERFLOW STRUCTURES
 - DETENTION FACILITY
 - REALIGN MAIN CHANNEL/
MAJOR TRIBUTARY
 - WIDEN MAIN CHANNEL/
MAJOR TRIBUTARY
 - REALIGN MINOR TRIBUTARY
 - WIDEN MINOR TRIBUTARY
 - REMOVE EXISTING CHANNEL
 - BRIDGE LOCATION
Major Stream Crossing Improvements
- | Location | Bridge Type | Design Capacity (CFS) | Dimensions (ftxft) |
|---|-------------------------------------|-----------------------|--------------------|
| Jimmy Camp Creek at Peaceful Valley Rd. | Concrete slab on prestressed girder | 20,500 | 260x44 |
| Jimmy Camp Creek at Drennan Rd. | Concrete slab | 5,850 | 140x44 |

DETENTION FACILITY INFORMATION

Stream/Road Name	Detention Facility	Area In Acres	Volume In Acre-Feet
Jimmy Camp Creek	JCC 1	25.0	175.0
	JCC 2	18.0	93.0
	JCC 3	15.0	150.0
Coral Tributary	COR 1	18.9	172.0
	COR 2	13.1	130.0
	COR 3	12.0	85.0
East Tributary	EA 1	13.0	100.0
	EA 2	18.4	109.0
	EA 3	18.4	121.0
Franceville Tributary	FR 1	20.0	100.0
Strip Mine Tributary	SM 1	13.5	90.0
	SM 2	19.0	60.0
Fontaine Blvd.	FON 1	20.2	90.0
Marksheffel Road	MRK 1	20.0	130.0
	MRK 2	6.5	35.0

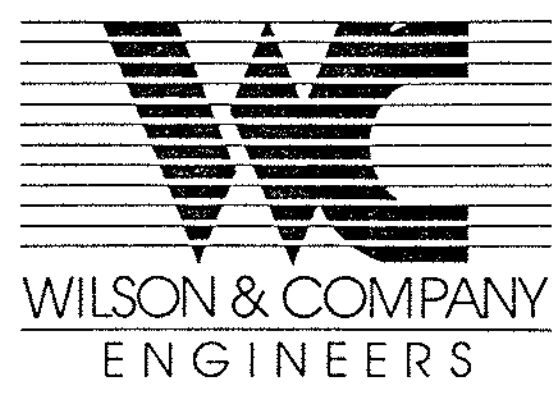
DRAINAGE IMPROVMENTS MAP

Master Drainage Planning Study
for
JIMMY CAMP CREEK

Design By:
MAB

Drawn By:
RLC

Checked By:
JOT



Date:
JAN 1987

File No.:
85-832

EXHIBIT 18