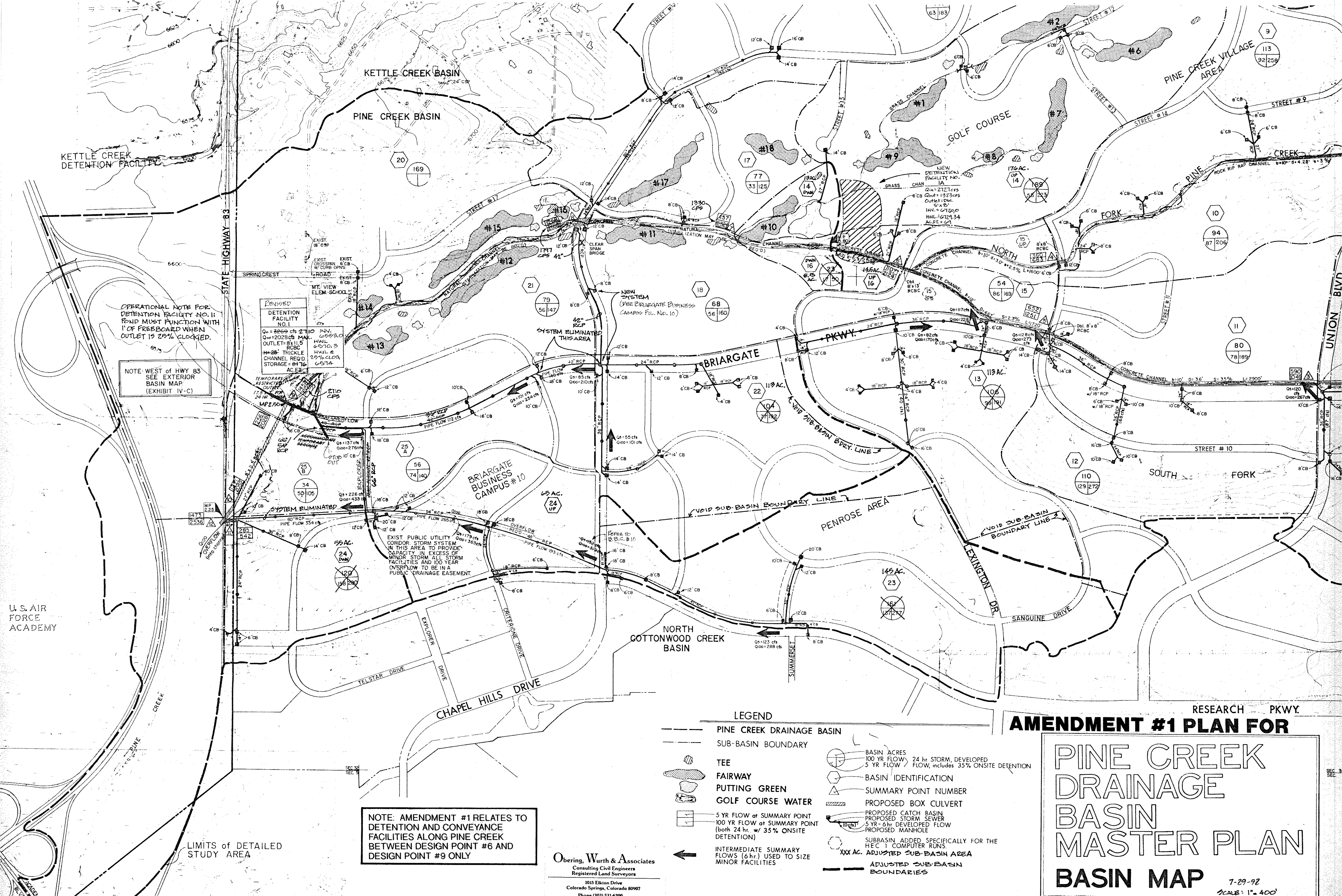




OPERATIONAL NOTE FOR
DETENTION FACILITY NO. 1:
POND MUST FUNCTION WITH
1' OF FREEBOARD WHEN
OUTLET IS 25% CLOGGED.

NOTE: WEST OF HWY 83
SEE EXTERIOR
BASIN MAP
(EXHIBIT IV-C)

REVISED
DETENTION
FACILITY
NO. 1
Q₁₀ = 2269 cfs 2710 INV. 6699.3
Q₁₀₀ = 2028 cfs MAX. HWL 6510.3
OUTLET: 8" x 11.5' RCBC
H = 26' TRICKLE
CHANNEL REQ'D
STORAGE: 48716
AC FEET

NOTE: AMENDMENT #1 RELATES TO
DETENTION AND CONVEYANCE
FACILITIES ALONG PINE CREEK
BETWEEN DESIGN POINT #6 AND
DESIGN POINT #9 ONLY

Obering, Wurth & Associates
Consulting Civil Engineers
Registered Land Surveyors
1015 Elkton Drive
Colorado Springs, Colorado 80907
Phone: (703) 521-6200

LEGEND

- PINE CREEK DRAINAGE BASIN
- SUB-BASIN BOUNDARY
- TEE
- FAIRWAY
- PUTTING GREEN
- GOLF COURSE WATER
- 5 YR FLOW at SUMMARY POINT
- 100 YR FLOW at SUMMARY POINT (both 24 hr. w/ 35% ONSITE DETENTION)
- INTERMEDIATE SUMMARY FLOWS (6 hr.) USED TO SIZE MINOR FACILITIES
- BASIN ACRES
- 100 YR FLOW 24 hr. STORM, DEVELOPED FLOW, includes 35% ONSITE DETENTION
- BASIN IDENTIFICATION
- SUMMARY POINT NUMBER
- PROPOSED BOX CULVERT
- PROPOSED CATCH BASIN
- PROPOSED STORM SEWER
- 5 YR-6 hr DEVELOPED FLOW
- PROPOSED MANHOLE
- SUBBASIN ADDED SPECIFICALLY FOR THE HEC-1 COMPUTER RUNS
- XX AC. ADJUSTED SUB-BASIN AREA
- ADJUSTED SUB-BASIN BOUNDARIES

RESEARCH PKWY.
AMENDMENT #1 PLAN FOR

**PINE CREEK
DRAINAGE
BASIN
MASTER PLAN
BASIN MAP**

7-29-92
SCALE: 1" = 400'