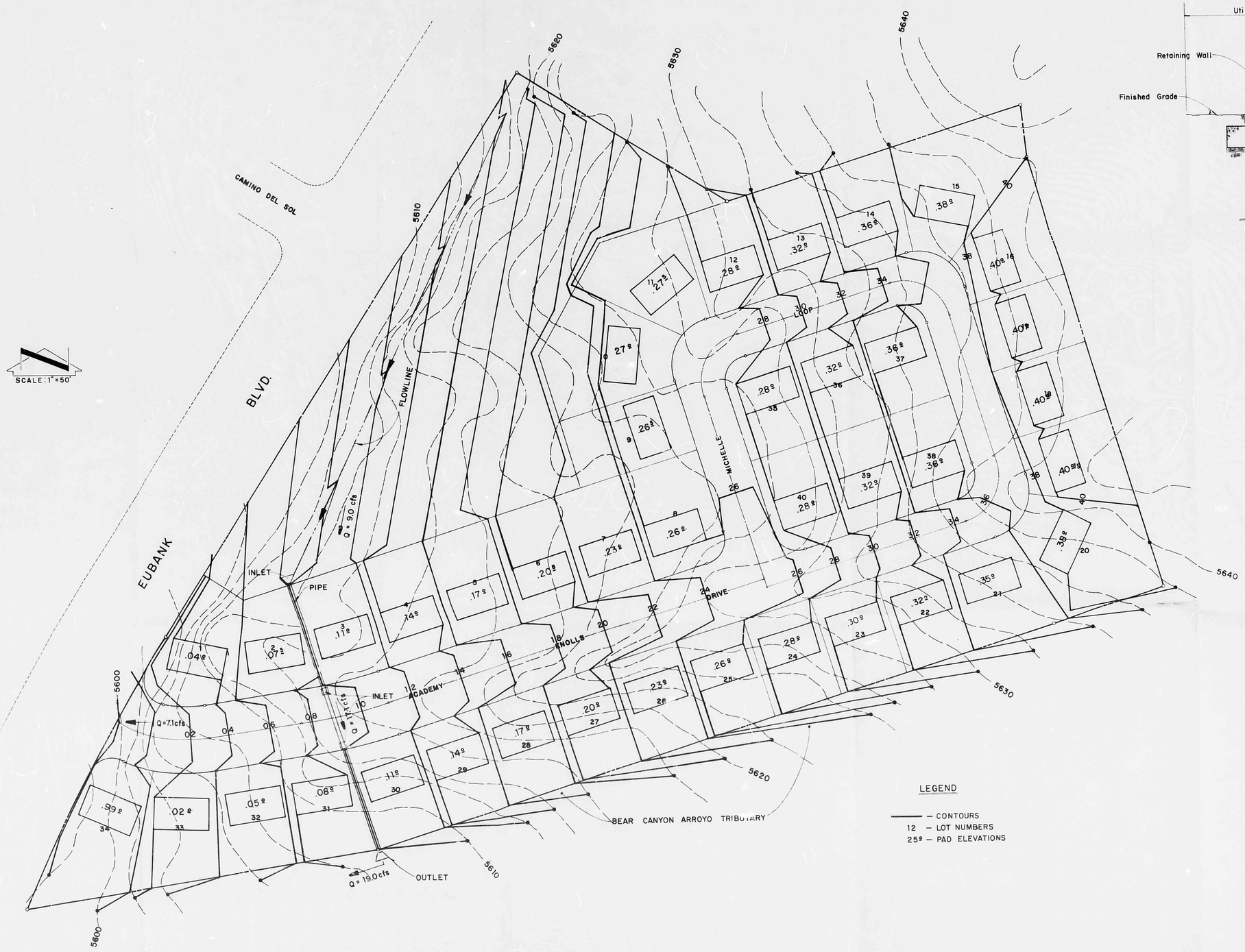
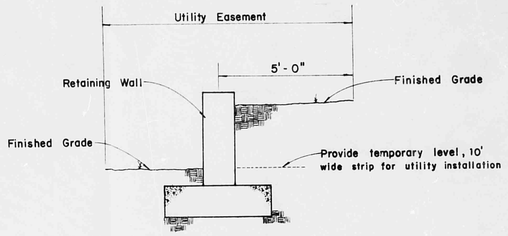
HYDROLOGY

F21/D1
THREE PL

F21/D1

3 Plans





DETAIL A

UTILITY GRADING

LEGEND

——— — CONTOURS
12 — LOT NUMBERS
25.9 — PAD ELEVATIONS

FIGURE 5

GRADING PLAN

DATE	JOB NUMBER	DESIGNED T.M. DRAWN CHECKED T.M.	SH ___ OF ___
10 / 77	7-23		

Goldberg · Mann & Associates
Engineers · Planners
3339 Wisconsin N.E. Suite E Albuquerque, New Mexico 87110

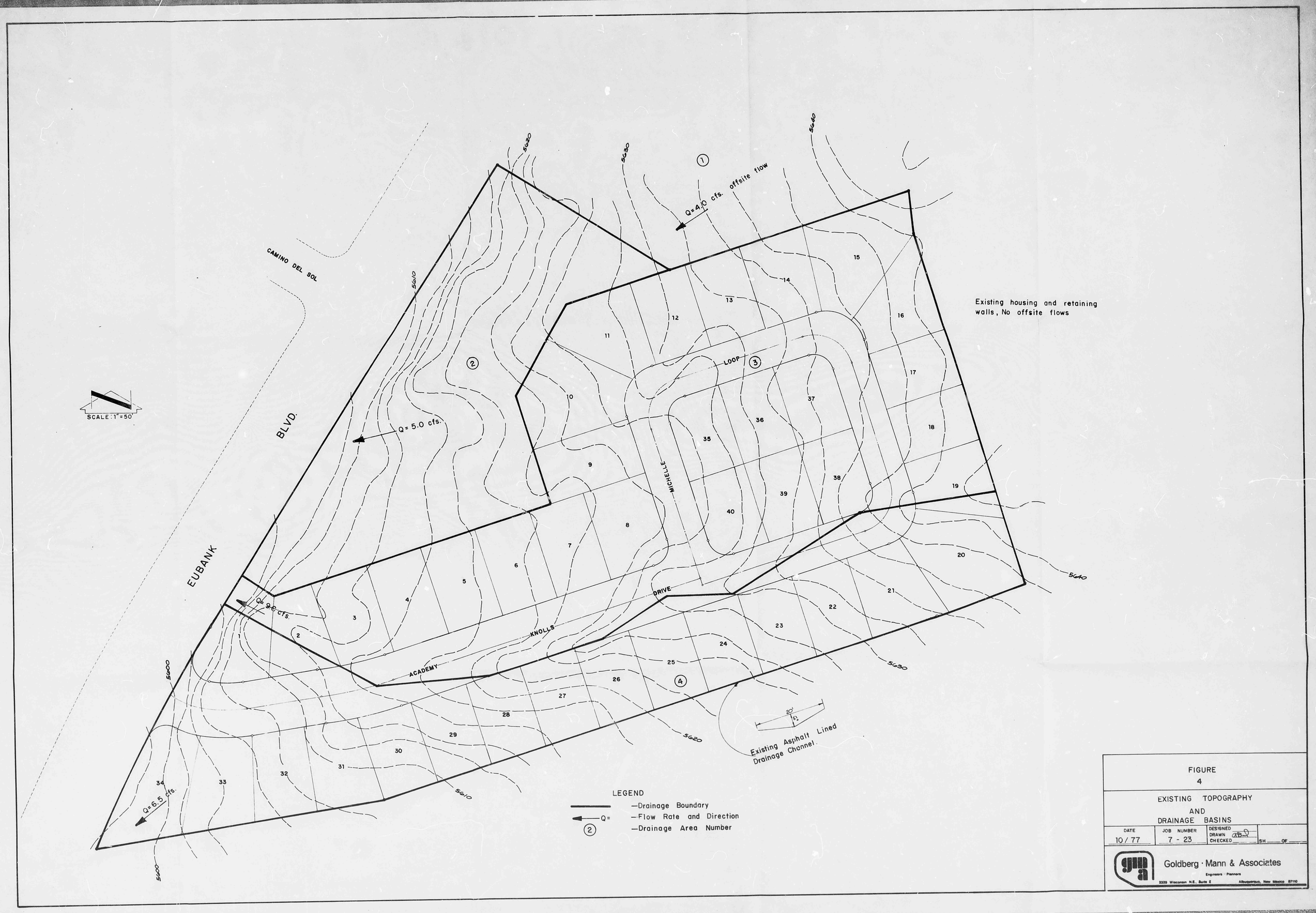
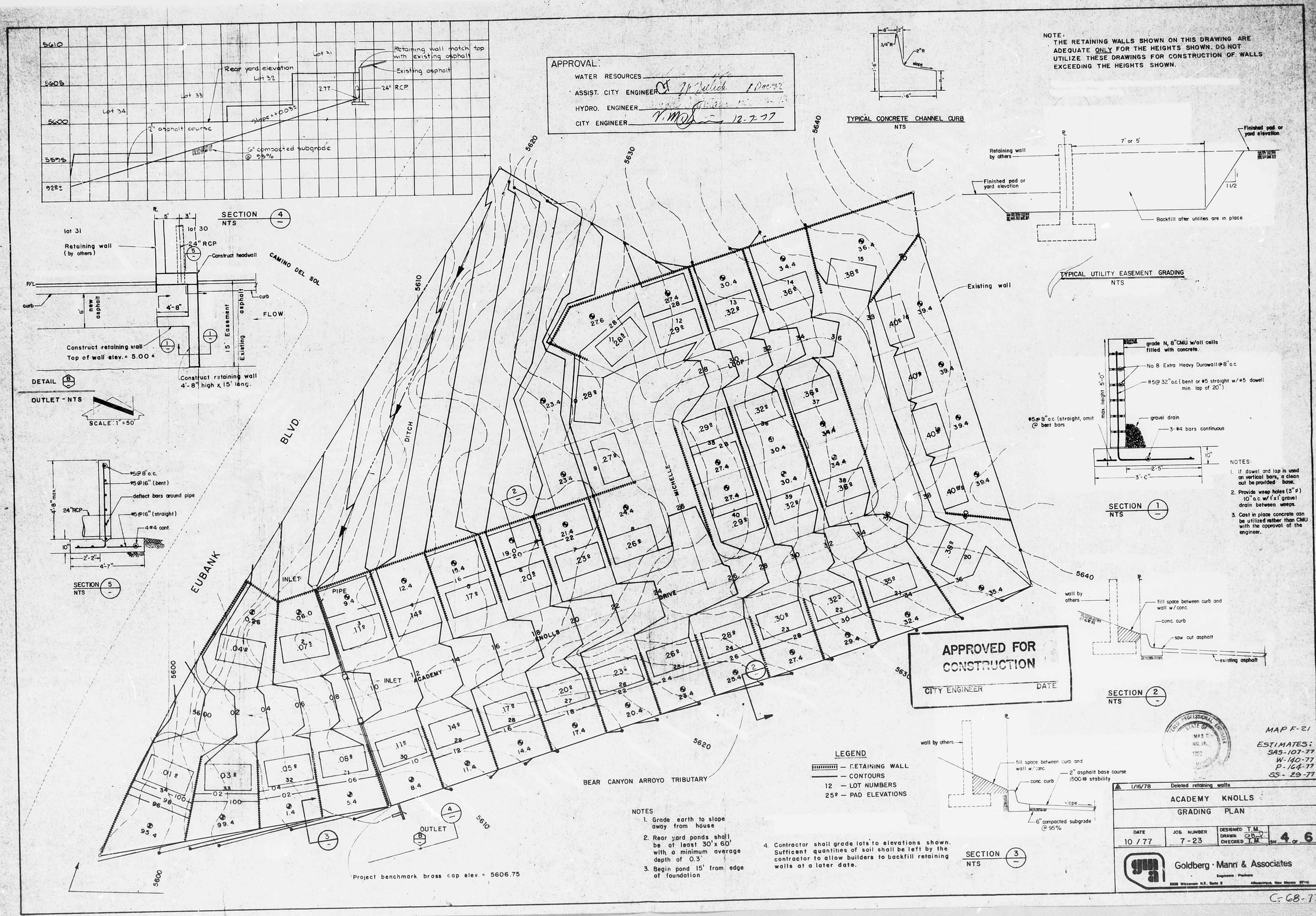


FIGURE 4

EXISTING TOPOGRAPHY AND DRAINAGE BASINS

DATE	JOB NUMBER	DESIGNED / DRAWN / CHECKED	SH ___ OF ___
10/77	7 - 23		

Goldberg · Mann & Associates
Engineers · Planners
3329 Wisconsin N.E. Suite E Albuquerque, New Mexico 87110


APPROVAL
WATER RESOURCES
ASSIST. CITY ENGINEER
HYDRO. ENGINEER
CITY ENGINEER
12-7-77
NOTE: THE RETAINING WALLS SHOWN ON THIS DRAWING ARE ADEQUATE ONLY FOR THE HEIGHTS SHOWN. DO NOT UTILIZE THESE DRAWINGS FOR CONSTRUCTION OF WALLS EXCEEDING THE HEIGHTS SHOWN.
TYPICAL CONCRETE CHANNEL CURB
NTS
TYPICAL UTILITY EASEMENT GRADING
NTS
Rear yard elevation
Retaining wall match top with existing asphalt
Existing asphalt
24" RCP
2" asphalt course
6" compacted subgrade @ 95%
Slope = +0.03%
Lot 31
Lot 32
Lot 33
Lot 34
SECTION 4
NTS
Retaining wall (by others)
Construct headwall
CAMINO DEL SOL
FLOW
Construct retaining wall
Top of wall elev. = 5.00 ±
Construct retaining wall 4'-8" high x 15' long.
DETAIL B
OUTLET - NTS
SCALE: 1" = 50'
SECTION 5
NTS
SECTION 1
NTS
SECTION 2
NTS
SECTION 3
NTS
Finished pad or yard elevation
Backfill after utilities are in place
Existing wall
EUBANK BLVD.
DITCH
MICHELLE
DRIVE
ACADEMY
KNOLLS
INLET
PIPE
OUTLET
BEAR CANYON ARROYO TRIBUTARY
Project benchmark brass cap elev. = 5606.75
LEGEND
RETAINING WALL
CONTOURS
12 — LOT NUMBERS
25² — PAD ELEVATIONS
NOTES
1. Grade earth to slope away from house
2. Rear yard ponds shall be at least 30' x 60' with a minimum average depth of 0.3'
3. Begin pond 15' from edge of foundation
4. Contractor shall grade lots to elevations shown. Sufficient quantities of soil shall be left by the contractor to allow builders to backfill retaining walls at a later date.
APPROVED FOR CONSTRUCTION
CITY ENGINEER
DATE
MAP F-21
ESTIMATES:
SAS-107-77
W-140-77
P-164-77
SS-29-77
1/16/78 Deleted retaining walls
ACADEMY KNOLLS
GRADING PLAN
DATE 10/77
JOB NUMBER 7-23
DESIGNED T.M.
DRAWN
CHECKED T.M.
SH. 4 OF 6
Goldberg · Mann & Associates
Engineers · Planners
8330 Wisconsin N.E., Suite E
Albuquerque, New Mexico 87110
C-68-77