HYDROLOGY

E20/D10
FIVE PLANS

E20/D10

5 PLANS

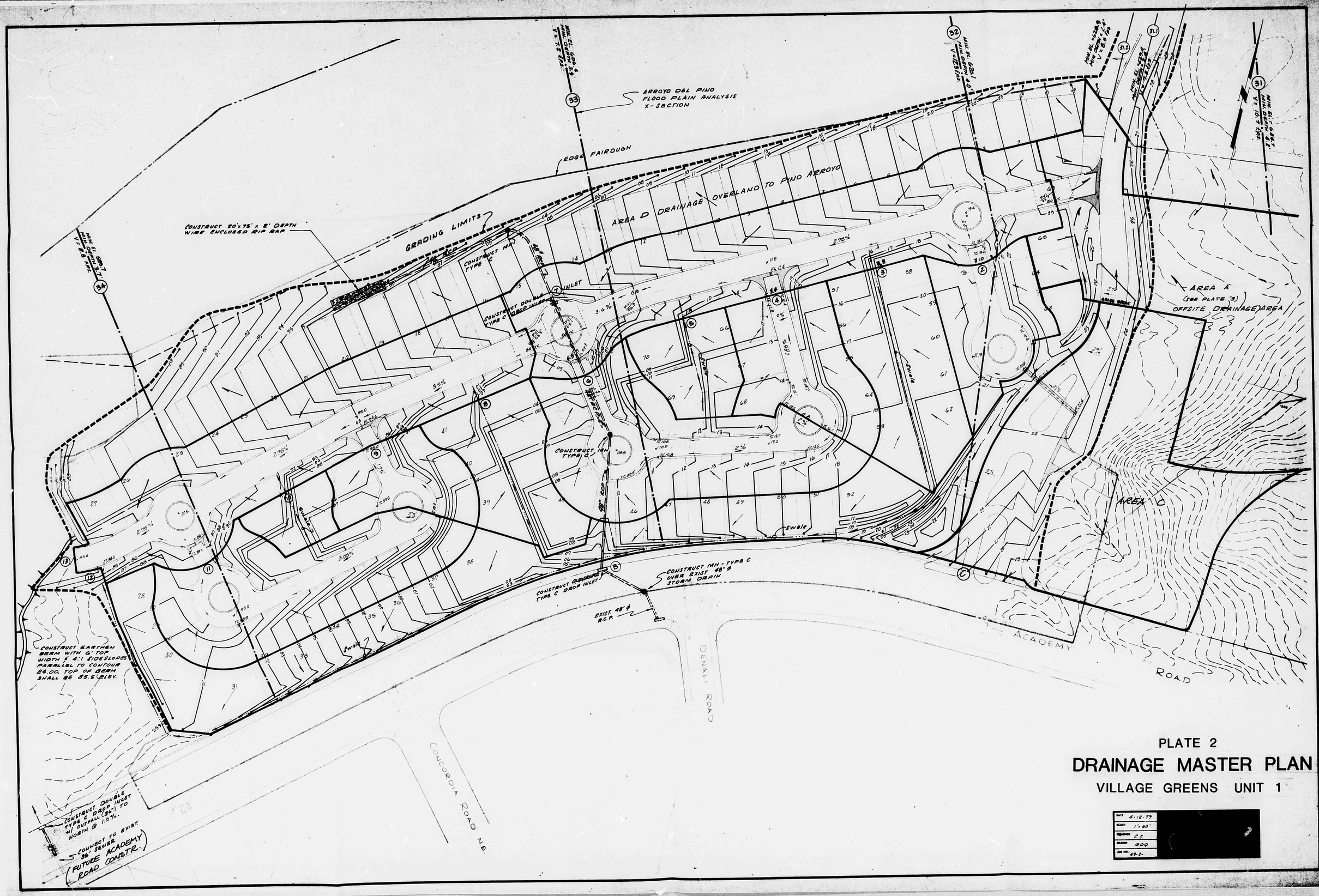


PLATE 2

DRAINAGE MASTER PLAN

VILLAGE GREENS UNIT 1

DATE	4-12-79
SCALE:	1"=50'
DESIGNED:	C.S.
DRAWN:	RDO
JOB NO.	49-2-

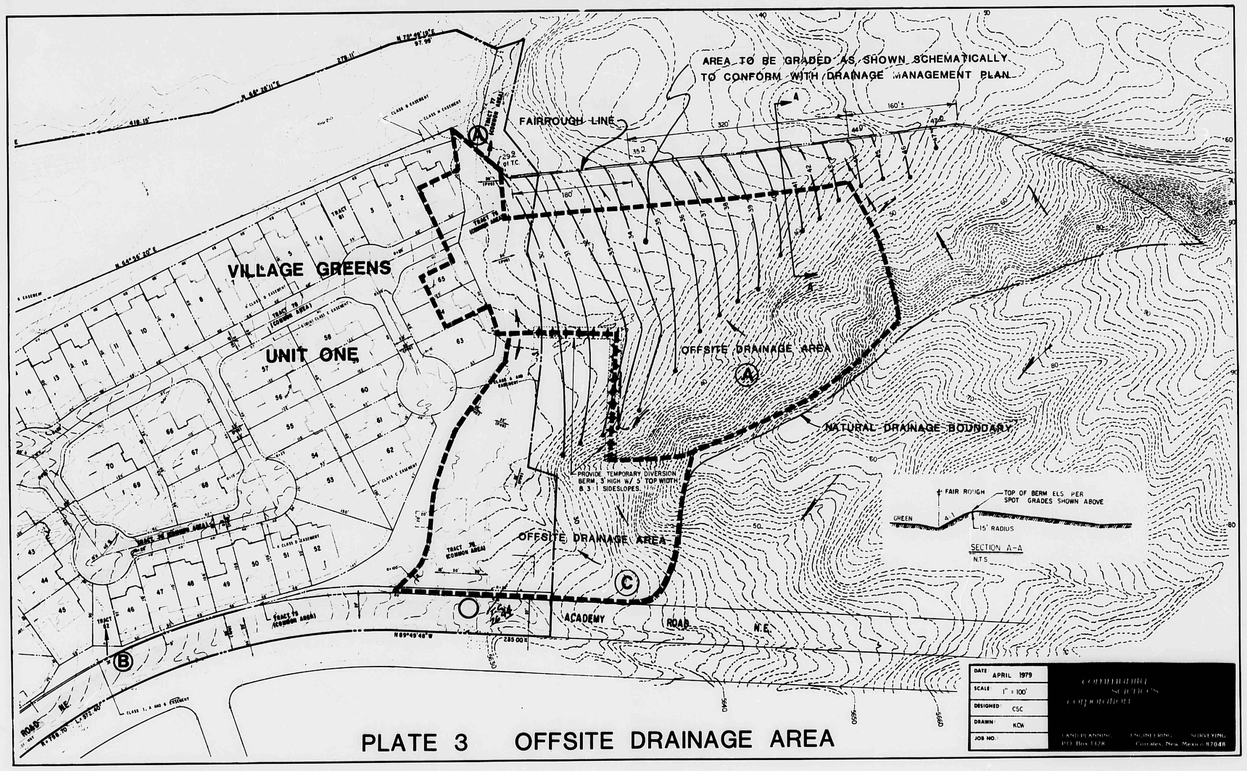
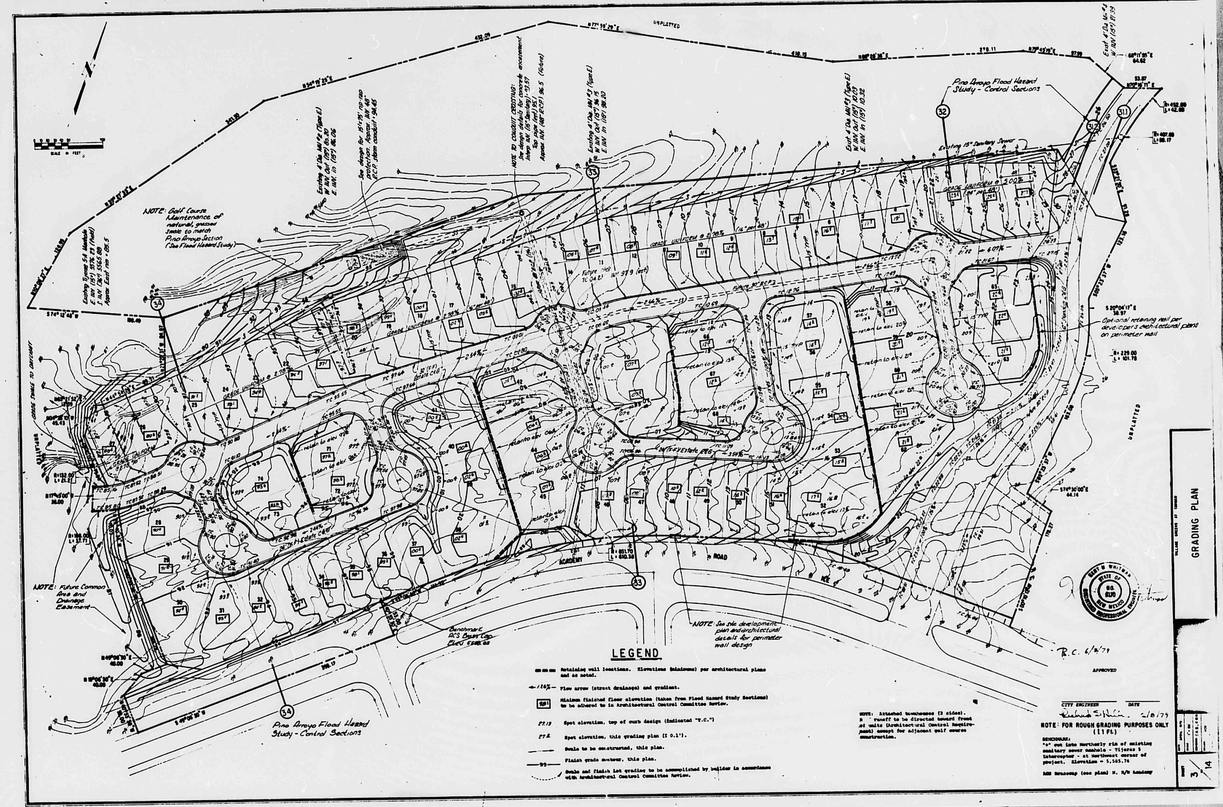


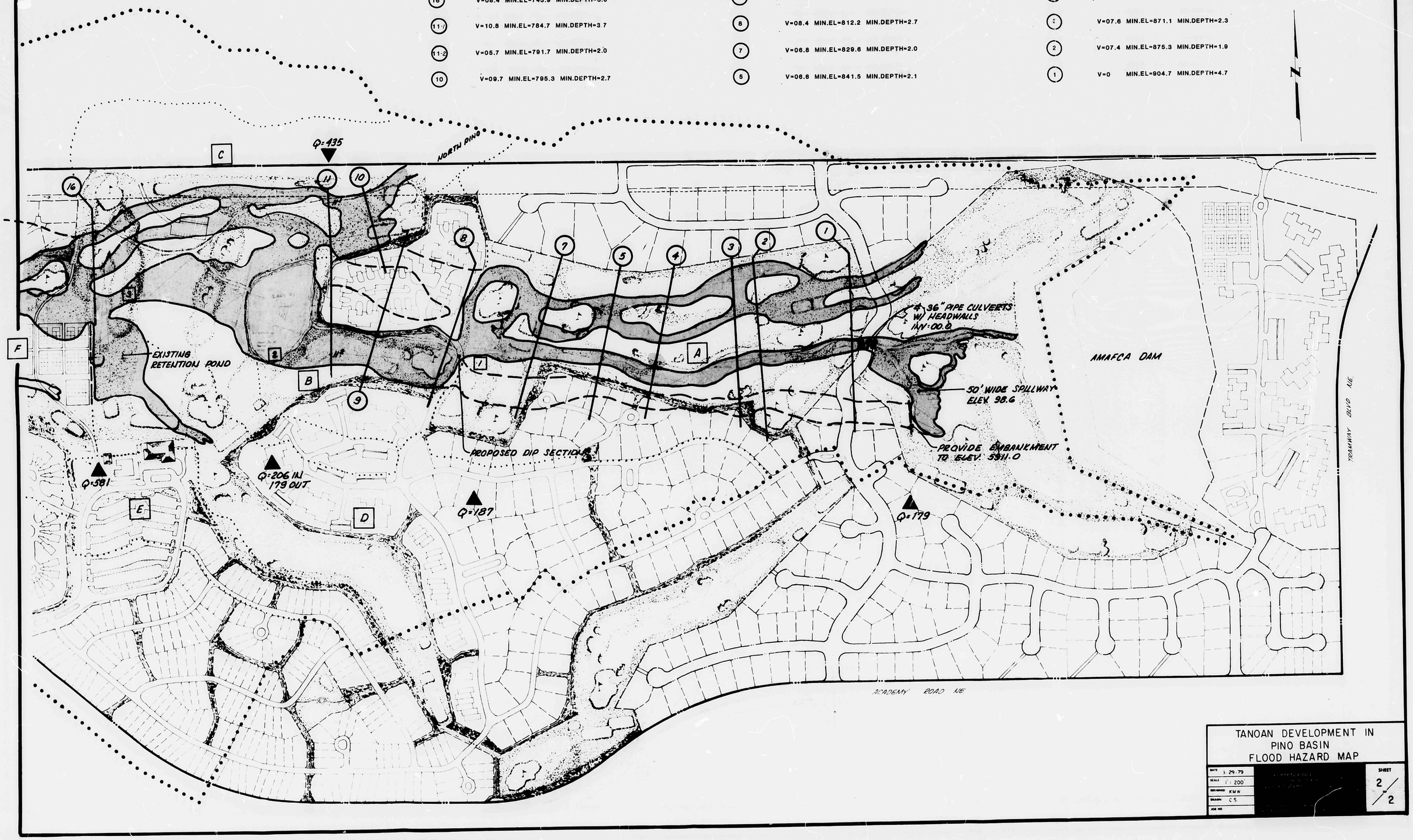
PLATE 3 OFFSITE DRAINAGE AREA


GRADING PLAN
LEGEND
NOTE: FOR ROUGH GRADING PURPOSES ONLY
APPROVED
Pine Ranch Final Hazard Study - Control Sections
NOTE: Golf Course Maintenance of natural grasses needs to match Pine Ranch Section (The Final Hazard Study)
NOTE: Future Common Area and Drainage Easement
NOTE: See site development plan and architectural detail for perimeter wall design
Benchmark
NOTE: Attached townhomes (2 sides) - Runoff to be directed toward drain
All walls (Architectural Control) Requirement must be adjacent golf course annual review.
Existing 15' Easement
Proposed retaining wall per Architectural-Architectural plans on perimeter wall
ACADEMY
ROAD
UNPLATTED

TANOAN DEVELOPMENT IN PINO ARROYO BASIN
FLOOD HAZARD STUDY

16	V=08.4 MIN.EL=743.9 MIN.DEPTH=3.6	9	V=08.3 MIN.EL=797.9 MIN.DEPTH=2.1
11-1	V=10.8 MIN.EL=784.7 MIN.DEPTH=3.7	8	V=08.4 MIN.EL=812.2 MIN.DEPTH=2.7
11-2	V=05.7 MIN.EL=791.7 MIN.DEPTH=2.0	7	V=06.8 MIN.EL=829.6 MIN.DEPTH=2.0
10	V=09.7 MIN.EL=795.3 MIN.DEPTH=2.7	5	V=06.6 MIN.EL=841.5 MIN.DEPTH=2.1

4	V=09.5 MIN.EL=852.8 MIN.DEPTH=2.7		
3	V=07.6 MIN.EL=871.1 MIN.DEPTH=2.3		
2	V=07.4 MIN.EL=875.3 MIN.DEPTH=1.9		
1	V=0 MIN.EL=904.7 MIN.DEPTH=4.7		



TANOAN DEVELOPMENT IN
PINO BASIN
FLOOD HAZARD MAP

DATE	3-29-79
SCALE	1" = 200'
REVISED	KMW
DRAWN	CS
JOB NO	

SHEET 2 / 2

TANOAN DEVELOPMENT IN PINO ARROYO BASIN
FLOOD HAZARD STUDY

35 V=08.8 MIN.EL=573.9 MIN.DEPTH=3.7

34 V=10.1 MIN.EL=588.6 MIN.DEPTH=3.4

33 V=07.2 MIN.EL=606.4 MIN.DEPTH=3.9

32 V=17.7 MIN.EL=622.8 MIN.DEPTH=6.3

31.2 V=08.5 MIN.EL=628.9 MIN.DEPTH=2.4

31.1 V=07.8 MIN.EL=629.4 MIN.DEPTH=2.4

31 V=10.7 MIN.EL=634.7 MIN.DEPTH=4.2

29 V=05.9 MIN.EL=642.3 MIN.DEPTH=3.7

26 V=12.7 MIN.EL=654.5 MIN.DEPTH=4.0

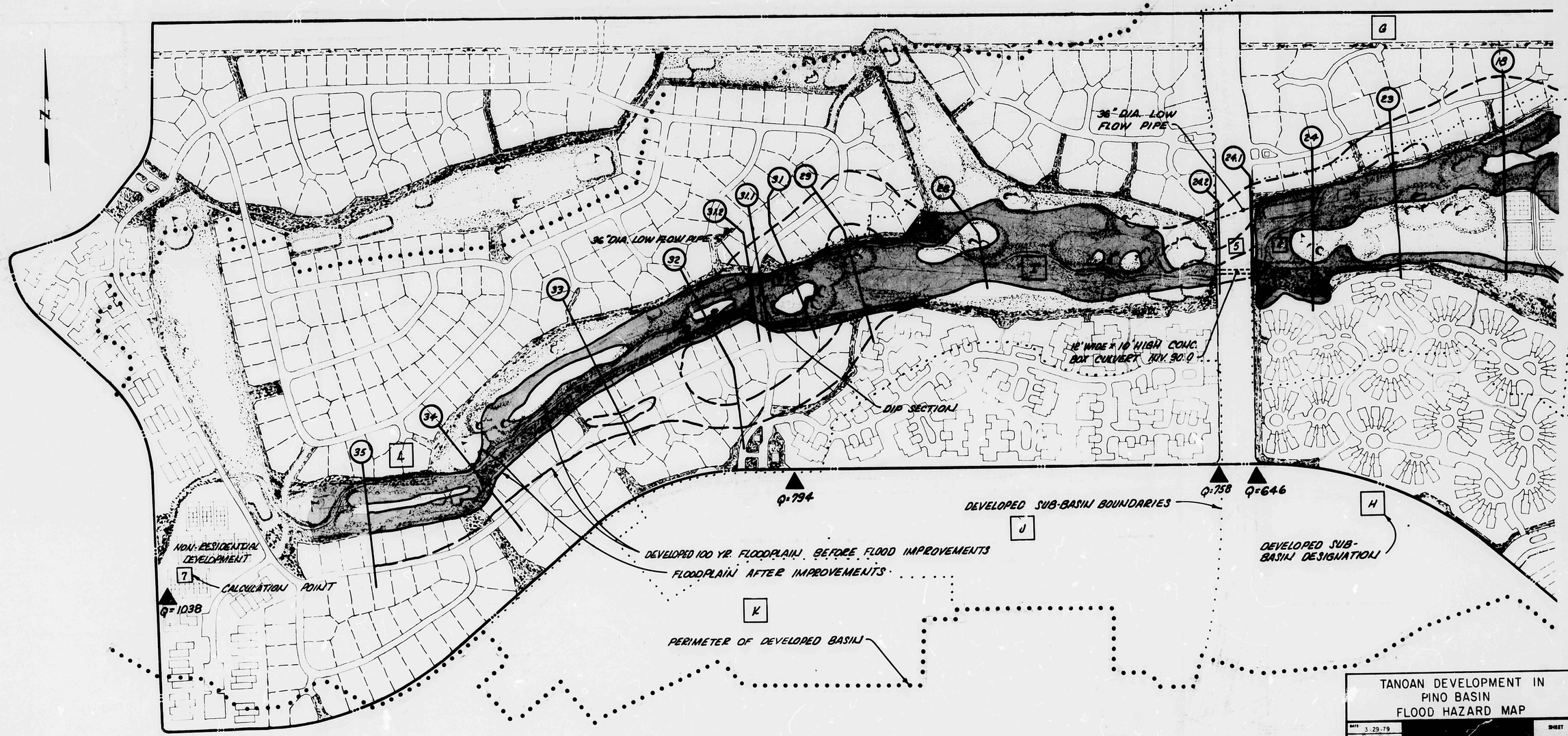
24.2 V=16.25 MIN.EL=696.0 MIN.DEPTH=8.0

24.1 V=0 MIN.EL=700.3 MIN.DEPTH=10.3

24 V=09.8 MIN.EL=700.3 MIN.DEPTH=5.3

23 V=11.0 MIN.EL=708.2 MIN.DEPTH=3.3

18 V=16.4 MIN.EL=732.8 MIN.DEPTH=6.3



TANOAN DEVELOPMENT IN PINO BASIN
FLOOD HAZARD MAP

DATE	3-29-79
SCALE	1 : 200
DESIGNED	KMW
DRAWN	C.S.
JOB NO.	

SHEET 1/2