HYDROLOGY

E20/D22
FOUR PLANS

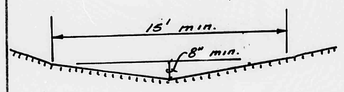
E20/D22

4 Plans

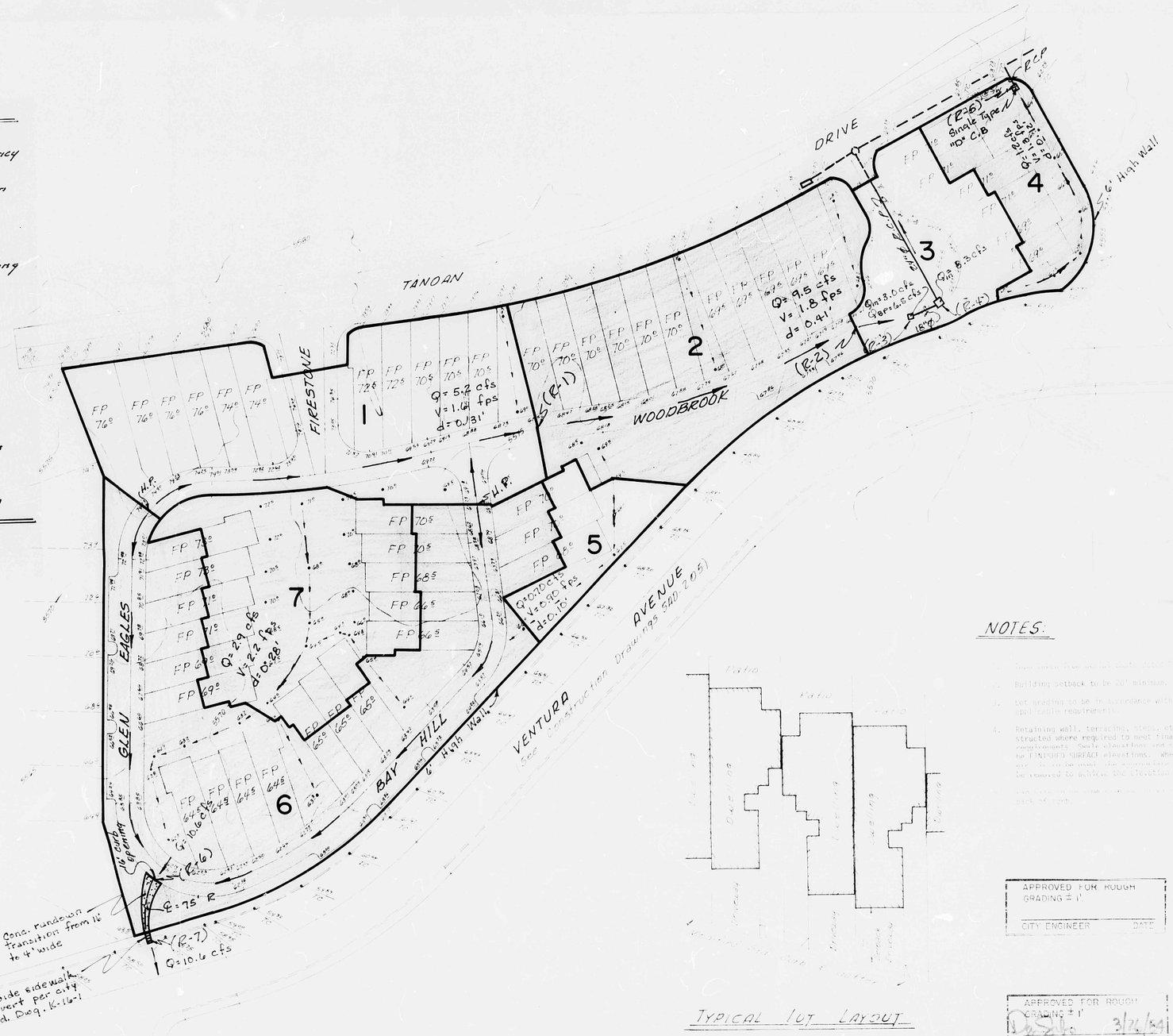
SCALE 1"=50'

LEGEND

FP = Finish Floor Elev.
Q = Runoff per 100 yr. storm frequency
Q_{in} = Runoff entering Catch Basin
Q_{BP} = Runoff by-passing Catch Basin
H.P. = High Point or Crest
(R-6) = Reach Pt. and No.
→ = Flow Direction
5 = Drainage Area No. contributing



Typical Grass Lined Channel
No scale



NOTES.

1. Building setback to be 20' minimum.
2. Lot grading to be in accordance with FHA Reg. and all applicable requirements.
3. Retaining walls, terracing, steps, etc. shall be constructed where required to meet final lot grading requirements. Spot elevations and spot elevations are to be FINISHED SURFACE elevations. Where sod, bark, gravel etc. is to be used, the contractor must provide as will be required to achieve the elevation shown on these plans.

TYPICAL LOT LAYOUT

PRINTED
APR 05 1984

AS-BUILT INFORMATION	
CONTRACTOR	DATE
A.E.	DATE
CONSTRUCTION INSPECTOR	DATE
CERTIFIED BY	DATE
REVIEWED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

ENGINEER SEAL

NO.	DATE	REVISIONS	BY
		REMARKS	

BENCH MARKS

PLOTTED VIA CALCOMP

CAD/MAGOM, Hornsby, Montgomery

APPROVED FOR ROUGH GRADING ± 1'
CITY ENGINEER DATE

APPROVED FOR ROUGH GRADING ± 1'
AMAFCA 3/26/84 DATE

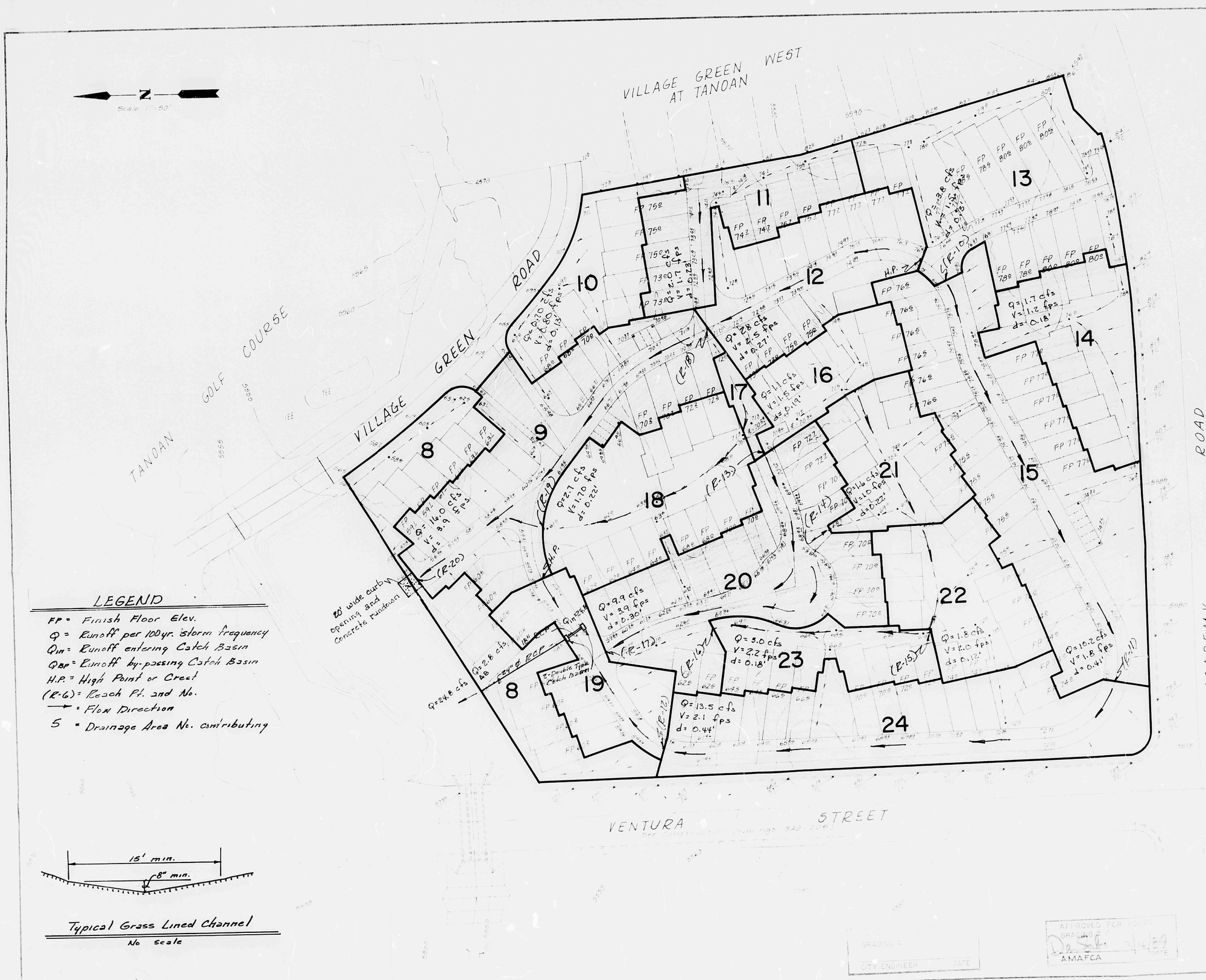
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE TORREY PINES at TANOAN
DRAINAGE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
Hy. Engineer			Liquid Waste		
A.C.E. Design			Traffic		
A.C.E. Hydrology			Water		

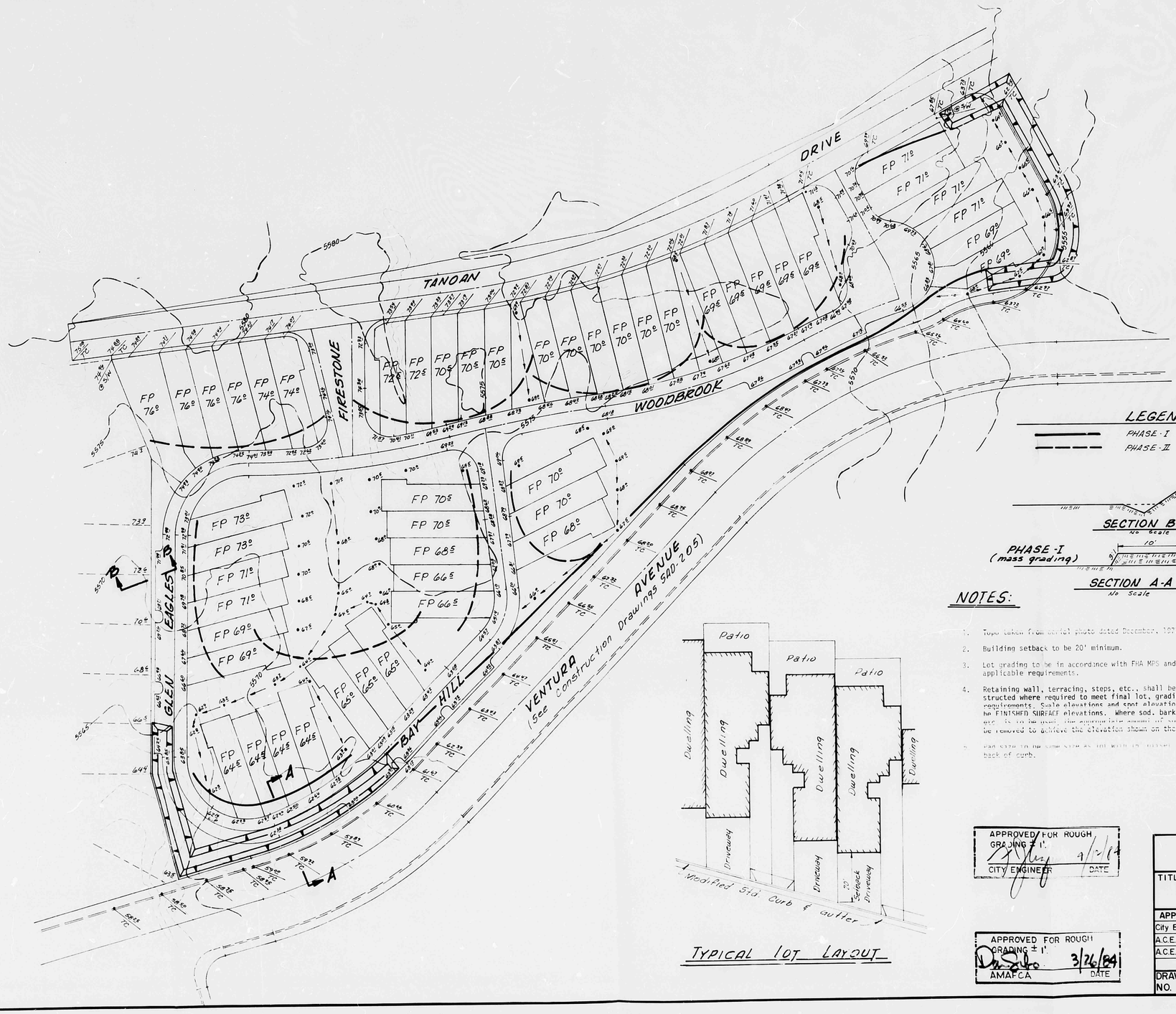
DRAWING NO. 2095 MAP NO. E-20 SHEET OF

PLATE E


N
Scale 1" = 50'
VILLAGE GREEN WEST AT TANOAN
TANOAN GOLF COURSE
VILLAGE GREEN ROAD
ACADEMY ROAD
VENTURA STREET
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
(R-10)
(R-11)
(R-12)
(R-13)
(R-14)
(R-15)
(R-16)
(R-17)
(R-19)
(R-20)
H.P.
Q=24.8 cfs
Q=2.8 cfs
A.C.P.
24" ø RCP
2-Double Type Catch Basin
20' wide curb opening and concrete headwall
Q=9.9 cfs
V=3.9 fps
d=0.30'
Q=13.5 cfs
V=2.1 fps
d=0.44'
Q=3.0 cfs
V=2.2 fps
d=0.18'
Q=1.8 cfs
V=2.0 fps
d=0.12'
Q=10.2 cfs
V=1.8 fps
d=0.41'
Q=1.7 cfs
V=1.2 fps
d=0.18'
Q=3.8 cfs
V=1.3 fps
d=0.18'
Q=1.1 cfs
V=1.5 fps
d=0.19'
Q=2.8 cfs
V=2.5 fps
d=0.27'
Q=1.6 cfs
V=1.0 fps
d=0.22'
Q=2.7 cfs
V=1.70 fps
d=0.22'
Q=16.0 cfs
V=3.9 fps
d=
Q=2.7 cfs
V=1.7 fps
d=0.22'
Q=2.8 cfs
V=1.5 fps
d=0.27'
Q=1.6 cfs
V=1.0 fps
d=0.22'
Q=2.8 cfs
V=1.5 fps
d=0.27

80405

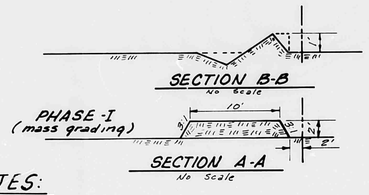
SCALE 1"=50'



LEGEND

PHASE-I (mass grading)

PHASE-II (after mass grading)



TYPICAL LOT LAYOUT

NOTES:

1. Topo taken from aerial photo dated December, 1977.
2. Building setback to be 20' minimum.
3. Lot grading to be in accordance with FHA MPS and all applicable requirements.
4. Retaining wall, terracing, steps, etc., shall be constructed where required to meet final lot, grading requirements. Scale elevations and spot elevations are to be FINISHED SURFACE elevations. Where sod, bark, gravel are to be used, the appropriate amount of soil will be removed to achieve the elevation shown on these plans.
5. Plan size is the same size as and with 15' offset from back of curb.

APPROVED FOR ROUGH GRADING ± 1'
CITY ENGINEER — DATE 9/2/84

APPROVED FOR ROUGH GRADING ± 1'
AMAFCA — DATE 3/26/84

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
AS-BUILTS BY — DATE
ACCEPTANCE BY — DATE
CERTIFICATION BY — DATE
DRAWINGS BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL

NO.	DATE	REVISIONS	REMARKS	BY

EA.L.M./Adam, Hamilt, Anderson
Suite A
4105 Montgomery Boulevard N.E.
Albuquerque, New Mexico 87109
Telephone 505/881-1818
Engineering
Planning
Systems
Land

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: TORREY PINES at TANOAN GRADING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.-Design			Traffic		
A.C.E.-Hydrology			Water		

DRAWING NO. 2095 — MAP NO. E-20 — SHEET 7 OF

NOTES:

1. Topo taken from aerial photo dated December, 1977.
2. Building setback to be 20' minimum.
3. Lot grading to be in accordance with FHA MPS and all applicable requirements.
4. Retaining wall, terracing, steps, etc., shall be constructed where required to meet final lot, grading requirements. Swale elevations and spot elevations are to be FINISHED SURFACE elevations. Where sod, bark, gravel etc. is to be used, the appropriate amount of soil will be removed to achieve the elevation shown on these plans.
5. Pad size to be same size as lot with 15' offset from back of curb.

1. The base sheet for this Grading Plan was photocopied from the "As-Built" plans, No. 2095. All background data is for reference only.
2. The Leg running easterly from the cul-de-sac on Wilmington is being vacated. The existing infrastructure will be removed and services to Lots 67, 68, & 69 will be reconstructed.
3. Lots 18 thru 40 have existing buildings. (See shaded area).
4. Lots 18 thru 22 are extended north to make larger lots Lot 23 does not change.
5. Lots 24 thru 35 are extended to the east subdivision boundary. A drainage easement will be platted to allow the storm water to follow the existing drainage pattern.
6. Lot 36 is extended west and Lots 37 thru 40 do not change.
7. Existing pad elevations are shown (95.7). Adjusted pad elevations are shown 95.7. Lots 67, 68, 69 will be lowered. Curb elevations are top of curb.

RECEIVED
MAY 14 1986
HYDROLOGY SECTION

PRINTED
MAY 14 1986

Revised May 12, 1986

AS-BUILT INFORMATION	
CONTRACTOR	
STAKED BY	DATE
INSPECTOR	
FIELD VERIFICATION BY	DATE
CERTIFICATION BY	DATE
CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS	
ACS "3-D20"	Elev. 5544.94
A standard ACS brass cap set in top of a concrete post flush with ground located 40' West of E Ventura St. 0.1' North of South line of Section 20 As per ACS bk. 29, C-99 Rev. #5.	

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	

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CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: TORREY PINES at TANOAN
GRADING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.-Design			Traffic		
A.C.E.-Hydrology			Water		
~~A.M.A.F.C.A.~~					

DRAWING NO.	MAP NO.	SHEET	OF
2095	E-20		

APPROVED FOR ROUGH GRADING
CITY ENGINEER DATE

APPROVED FOR ROUGH GRADING
AMAFCA DATE

2095