D19/D13A

0000 0000 0418

D19/D13A

25×10

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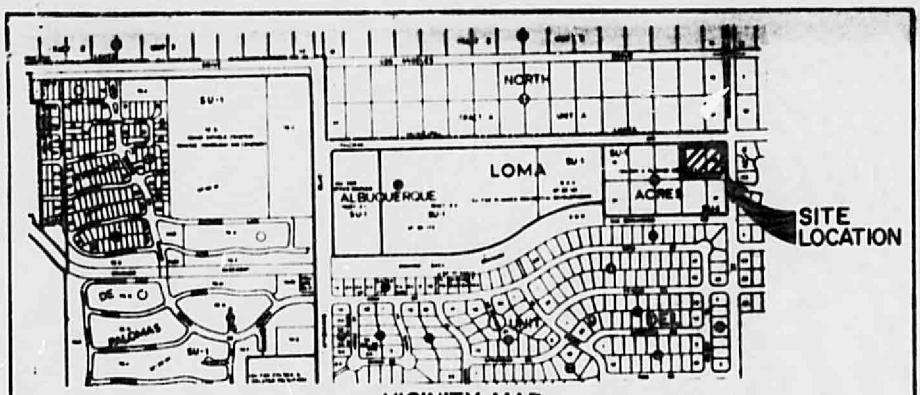


VICINITY MAP

NOTICE TO CONTRACTOR

1. All work detailed on these plans to be performed under contract shall, except as otherwise stated or provided for hereon, be constructed in accordance with the City of Albuquerque Interim Standard Specifications for Public Works Construction 1985.

2. Two (2) working days prior to any excavation, contractor must contact Line Locating Service, 765-1234, for location of existing utilities.

3. Prior to construction, the contractor shall excavate and verify the horizontal and vertical locations of all obstructions. Should a conflict exist, the contractor shall notify the engineer or surveyor so that the conflict can be resolved with a minimum amount of delay.

- [ ] All utilities and utility service lines shall be installed prior to paving.
- [x] Backfill compaction shall be according to specified street use.
- [x] Tack coat requirements shall be determined by the City Engineer.
- [ ] Sidewalks and wheelchair ramps within the curb returns shall be constructed wherever a new curb return is constructed.
- [ ] If curb is depressed for a drivepad or a handicap ramp, the drivepad or ramp shall be constructed prior to acceptance of the curb and gutter.
- [x] All storm drainage facilities shall be completed prior to final acceptance.

RECEIVED
AUG 05 1986
HYDROLOGY

BENCH MARK

City of Albuquerque station "Heaven" located at the entrance way to Gate of Heaven Cemetery. Station mark is a standard USC & GS brass tablet stamped "Heaven 1969" set in top of a concrete post flush with ground. Elevation 5378.79

APPROVED FOR RECORD DRAWINGS

ASST. CITY ENGINEER FIELD — DATE

APPROVED FOR CONSTRUCTION

A.C.E. ENGINEER — DATE

CITY OF ALBUQUERQUE

APPROVALS	ENGINEER	DATE
D.R.C. CHAIRPERSON		
WATER UTILITIES		
TRANSPORTATION		
A.C.E. DESIGN SECT.		

TITLE: VILLA PALOMAR UNIT 1
DRAINAGE REVISION LOT 7
PALOMAR CT. TO AMAFCA EASEMENT

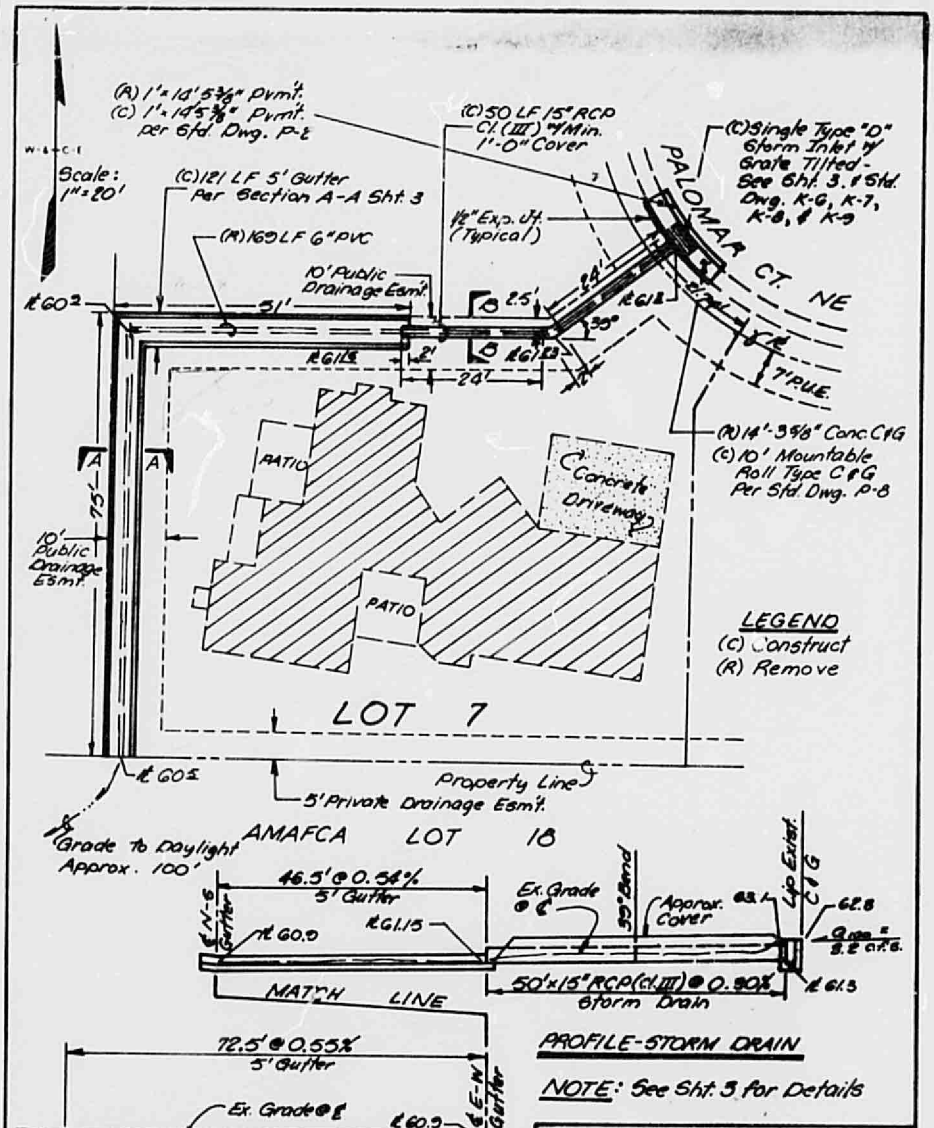
PROJECT NO.

MAP NO. D-19

SHEET 1 OF 3

25×10 32×10

0000 0000 0420



BENCH MARK
City BM "HEAVEN" - See Sht. No. 1 for description El. = 5378.79

APPROVED FOR RECORD DRAWINGS		APPROVED FOR CONSTRUCTION	
ASST. CITY ENGINEER FIELD	DATE	A.C.E. ENGINEER	DATE

CITY OF ALBUQUERQUE

APPROVALS	ENGINEER	DATE
D.R.C. CHAIRPERSON		
WATER UTILITIES		
TRANSPORTATION		
A.C.E. DESIGN SECT.		

TITLE: VILLA PALOMAR UNIT 1
DRAINAGE REVISION LOT 7
PALOMAR CT. TO AMAFCA EASEMENT

PROJECT NO.	MAP NO. D-19
	SHEET 2 OF 3

RECEIVED
AUG 05 1986

25 x 10 32 x 10

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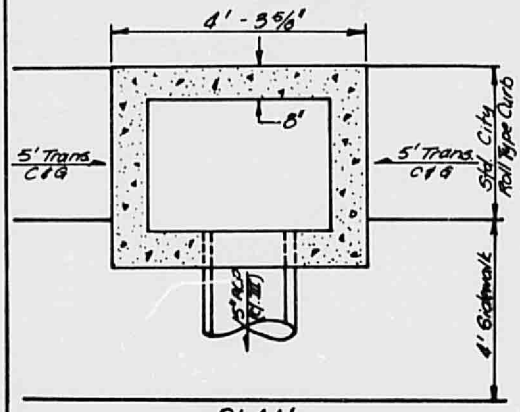
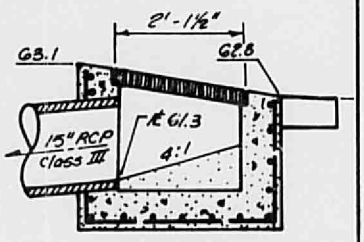
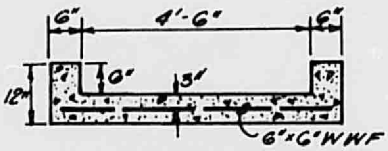
TYPE "D" INLET (SINGLE)
As per Std. Dwg. K-6, K-7, K-8 & K-9



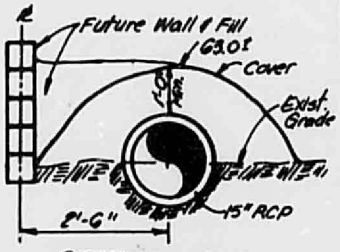
PLAN



SECTION



SECTION A-A



SECTION B-B

BENCH MARK
City BM "HEAVEN" - See Sht. No. 1 for description El. = 5578.70

APPROVED FOR RECORD DRAWINGS		APPROVED FOR CONSTRUCTION	
ASST. CITY ENGINEER FIELD	DATE	A.C.E. ENGINEER	DATE

CITY OF ALBUQUERQUE

APPROVALS	ENGINEER	DATE
D.R.C. CHAIRPERSON		
WATER UTILITIES		
TRANSPORTATION		
A.C.E. DESIGN SECT.		

TITLE: VILLA PALOMAR UNIT 1 DRAINAGE REVISION LOT 7 PALOMAR CT. TO AMARCA EASEMENT

PROJECT NO.	MAP NO. D-19
	SHEET 3 OF 3

25×10 32×10

0000 0000 0422

THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT.

WILSON & COMPANY
ENGINEERS & ARCHITECTS

FROM: SJM
TO: Wayne Crooks
889-0311

DATE: 7/31/86 FILE: 86-501
SUBJECT: Drainage Notes

Discharge $t_c = .0078 \frac{L^{0.77}}{S^{0.385}} = .0078 \frac{(350)^{.77}}{(.02)^{.385}} = 3\text{min}$ $V_{av} = \frac{350}{3 \times 60} \approx 2\text{fps}$ ok

65% Impervious

$t_c = 10\text{min}$ CN 77 $P_{24} = 2.4''$ $R = 0.7''$ $A = 1.0$ ac.

$q_p = \frac{45.4\,A}{t_c} = 4.54$

$Q_{peak} = R \times q_p = 3.2\text{cfs}$

15" RCP Slope req'd = 0.25% $V_{full} = 2.5\text{fps}$

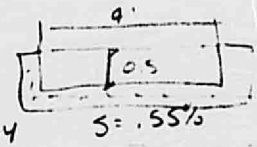
Inlet use SINGLE Type D Inlet w/ sloping top to match C&G ±

$40 \times 25 - [(9 \times .5)^{25} + (13 \times .5)^{40}] = 628^{\square''} = 4.36^{\square'}$ opening

$Q = CA\sqrt{2gh} = (.6)(4.36)(8.02)\,h^{1/2} = 3.2$

$h = .02'$ ok

<u>Ditch</u> A 1.3ac top 4.2cfs
1.4ac bottom 4.5cfs



ck. gutter capacity $A = 20^{\square'}$ $R = 2/5 = 0.4$
$R^{2/3} = 0.543$

$Q = \frac{1.49}{.013}(2.0)(.543)(.0055)^{1/2} = 9.2\text{cfs} > 4.5\text{cfs}$ ok

RECEIVED
AUG 05 1986
HYDROLOGY SECTION

25×10

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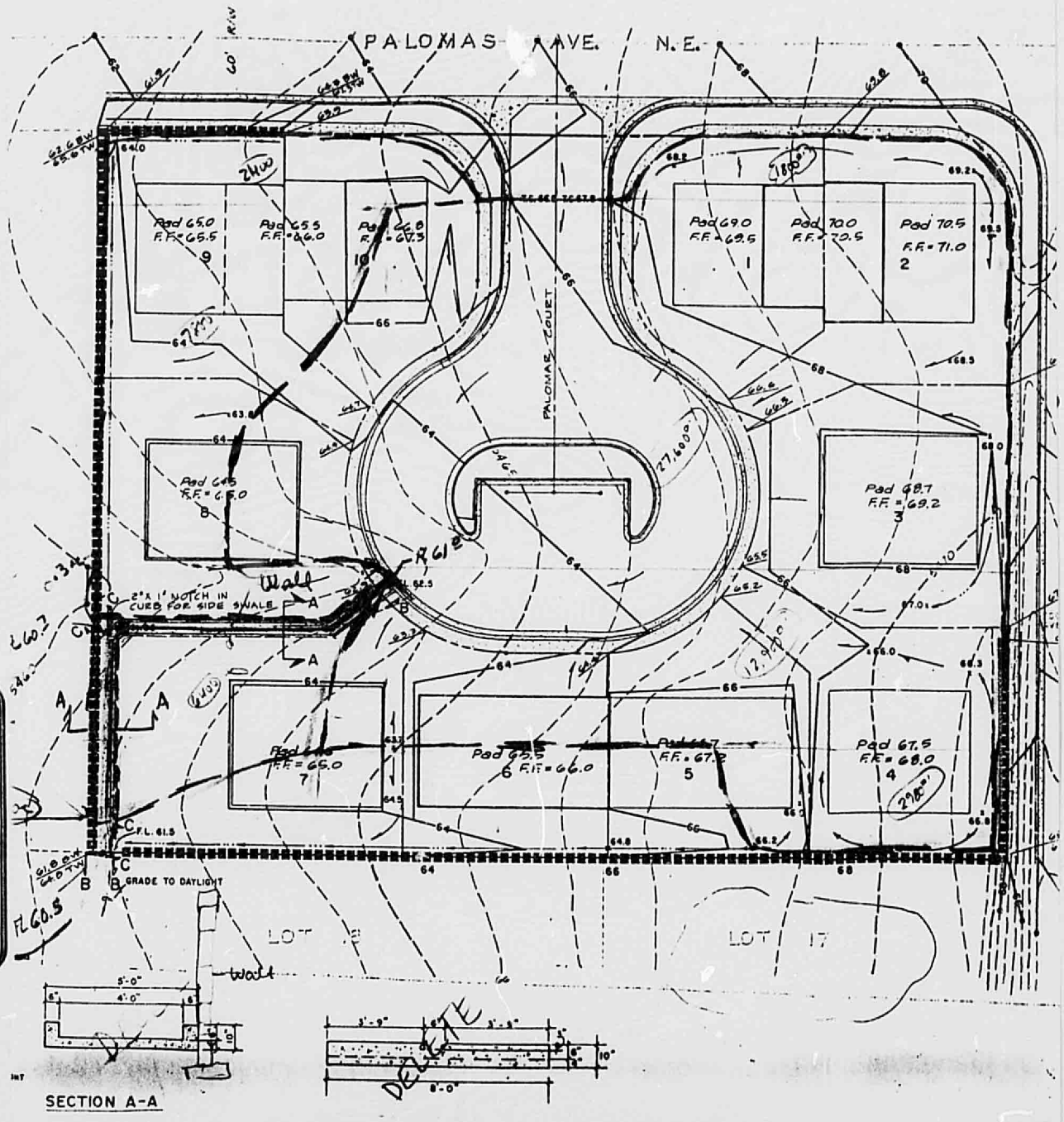

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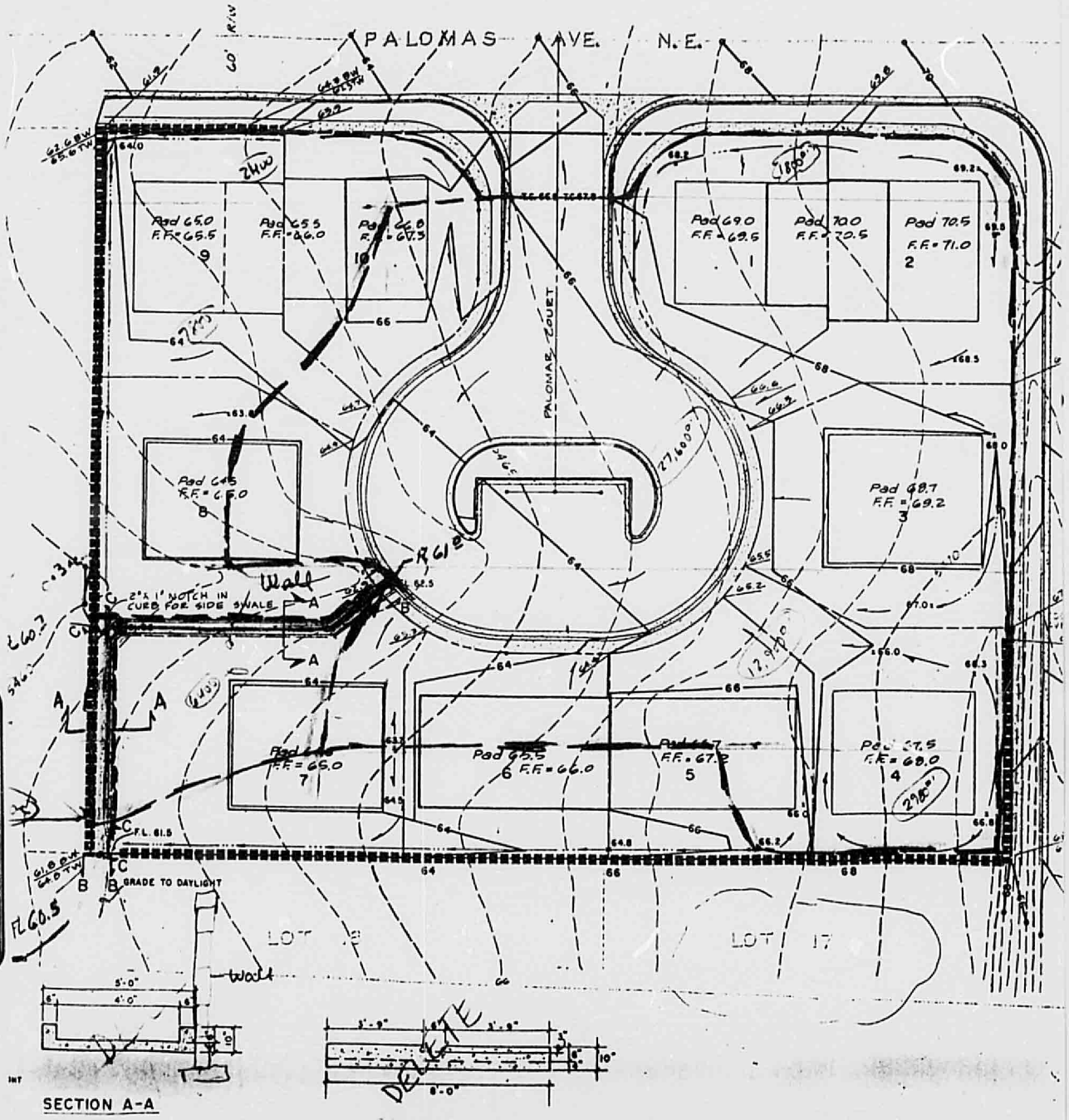
THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT.



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MEMORANDUM:

CITY OF ALBUQUERQUE PUBLIC WORKS DEPT.
ENGINEERING GROUP

DATE: July 29, 1987

TO: Jim Fink, Principal Engineer, Hydrology/Special Projects, Planning Group

FROM: Fred Aguirre, City Hydrologist, Utility Development Division/Hydrology

SUBJECT: Villa Palomar Unit 1, Drainage Revision, Project 3004

As per conversations between you, Dan Hogan and myself, due to procedural errors, the referenced drainage improvements remain unfinished. Due to the ponding problems and the apparent default of the developer on his obligation to provide these improvements, I hereby request that the City provide these improvements with public funds.

D19-D13A

DH:cma

xc: Andre Houle
Dan Hogan
39

25×10

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9-28-83
Villa Palomar
0690323

DRAINAGE PLAN

Planning and Zoning history

(Z-81-97-1) - EPC Review - 6-16-83
(Z-81-97-1) - DRB Review - 6-28-83

Currently Zoned SU-1.

Offsite

The site is presently in an undeveloped state. It is sparsely covered with natural vegetation. There are no offsite flows intercepted by the site.

Onsite

In its present state the onsite flows drain to the west where they are concentrated into a natural swale which also flows to the west. Proposed development of the site will direct all onsite flows to an area in the southwest corner of the project site from where the runoff will be discharged freely to the south across AMAFCA property and into the Domingo Baca Arroyo. A Right of Discharge will be obtained from AMAFCA in exchange for payment of the estimated cost of the required improvements.

Onsite flows will be conveyed by means of private drainage easements. A concrete paved rundown will convey the flow from the street to a grass lined swale. All onsite flow will be discharged at the southwest corner of the site for conveyance across the AMAFCA property. All proposed drainage improvements onsite will be privately improved, owned and maintained. The improvements across the AMAFCA property to the Domingo Baca Arroyo will be made, owned and maintained by AMAFCA.

Garden and low retaining walls will be installed on the west and south sides and portions of the east and north sides. All rooftop drainage shall be discharged to the side and rear yard then directed via a swale. All rear yard drainage shall be directed away from the building pad as shown. No on lot ponding is proposed.

A mountable curb and gutter will be used in Palomar Court. This curb is capable of carrying the peak flows.

25×10

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DRAINAGE PLAN

GENERAL INFORMATION:

A = 1.6 ACRES

SOIL SERIES - TgB, EmB ⇒ SOIL GROUP B

100 YEAR 6 HR RAINFALL VOLUME: 2.4" (PLATE 22.2-D-1)

T_c = 10 MIN.

EXISTING CONDITIONS

C = 0.34 PLATE 22.2-C-1

i_{6HR} = 2.15 ∴ i = 2.15(2.4) = 5.16 IN/HR

RUNOFF: Q_{100} = 0.34(5.16)(1.6) = 2.81 cfs

Q_{10} = 2.81(0.657) = 1.85 cfs

VOLUME: V_{100} = 0.34(2.4/12)(1.6)(43560) = 4740 FT^3

V_{10} = 4740(0.657) = 3114 FT^3

DEVELOPED CONDITIONS

% IMPERVIOUS = 65% (PLATE 22.2-C-2)

C = 0.66 (PLATE 22-2 C-1)

RUNOFF: Q_{100} = 0.66(5.16)(1.6) = 5.45 cfs

Q_{10} = 5.45(0.657) = 3.58 cfs

V_{100} = 0.66(2.4/12)(1.6)(43560) = 9200 FT^3

V_{10} = 9200(0.657) = 6044 FT^3

25×10

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MSM/SP GROUP ALBUQUERQUE N.M.

By MSH Date 9-26-83 PROJECT Villa Palomar sheet No. 2 of 5

Checked By ____ Date ____ AMAFCA CHANNEL Job No. ____

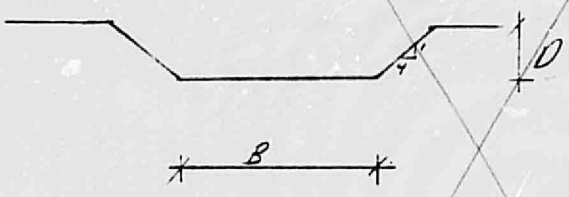
Criteria

$Q_{100} = 5.45$ cfs

slope $= \frac{4'}{220'} = 0.0182$ 1/1

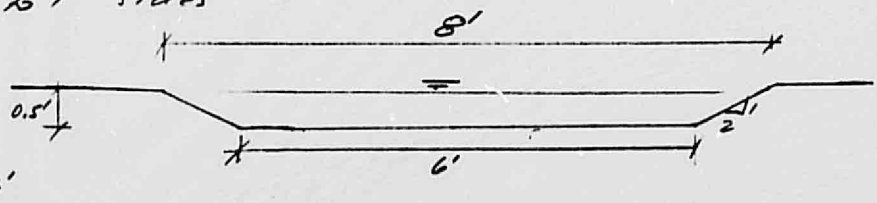
Dirt Channel

n = 0.030 per DPM Table 22.3 B-1.



Slope	B(ft)	D(ft)	V(fps)	Cap(cfs)	
0.0182	5'	1/2'	2.75	9.63	
0.015	5'	1/2'	2.50	8.74	
0.0182	4'	1/2'	2.62	7.85	
0.0182	6'	0.2'	1.40	1.90	
0.0182	6'	0.4'	2.39	7.25	←
"	"	0.3'	1.90	4.10	
"	6'	0.4'	2.22	7.40	2:1 sides ←

⇒ Use 0.5' deep, 6' wide dirt channel 2 to 1 sides



1"=2'

25×10

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Weir - to Concrete Channel

$Q = C L H^{3/2}$ DPM 22.3

C = 2.64 Table 5-3 Brater/King, 6 th Ed.

L	H	Q
4'	0.5'	3.8
5'	0.33'	2.5
10'	0.33'	5.0
4'	0.67'	5.9
5'	0.53'	5.2

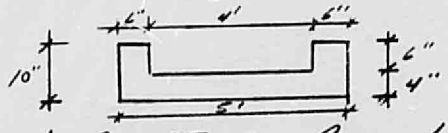
$Q_{100} < 5.45$ cfs

← Per P.87, Cha. 22.3, DPM.

Channel - street to earth swale

n = 0.013

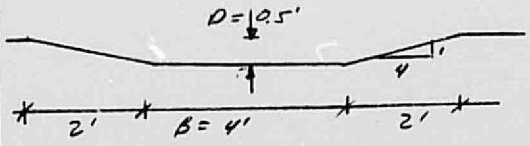
B	D	Slope	V(fps)	Q(cfs)
4'	0.5'	0.0050	3.9	7.8
4'	0.4'	0.0050	3.3	5.4
4'	0.33'	0.010	4.2	5.5



Earth Swale - to AMAFCA Property

n = 0.025 grass lined

B	D	V	Q
4	0.5	2.12	7.0



25 X 10

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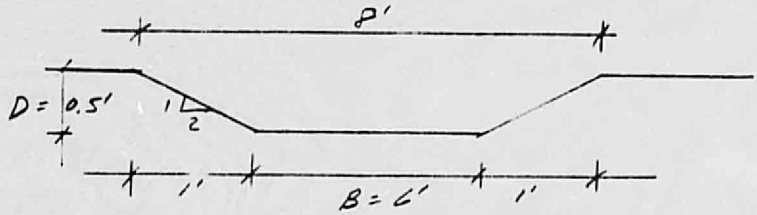
Channel

$Q_{100} = 5.45$ cfs

Slope $\doteq \frac{3'}{120'} = 0.0250\%$

Dirt $\Rightarrow n = 0.030$, Table 22.3, DPM



If $B = 6'$, $D = 0.4' \Rightarrow V = 2.72$ fps, Cap = 7.40 cfs

Cap > 5.45 cfs ∴ OK

Use section shown above.

Find compatible rundown section.

Concrete $\Rightarrow n = 0.013$

Slope $= \frac{2'}{30'} = 0.0667\%$

Use 1 to 1 side slopes

If $D = 0.4'$, $B = 2' \Rightarrow V = 10.1$ fps, Cap = 9.7 cfs

> 5.45 cfs ∴ OK

25×

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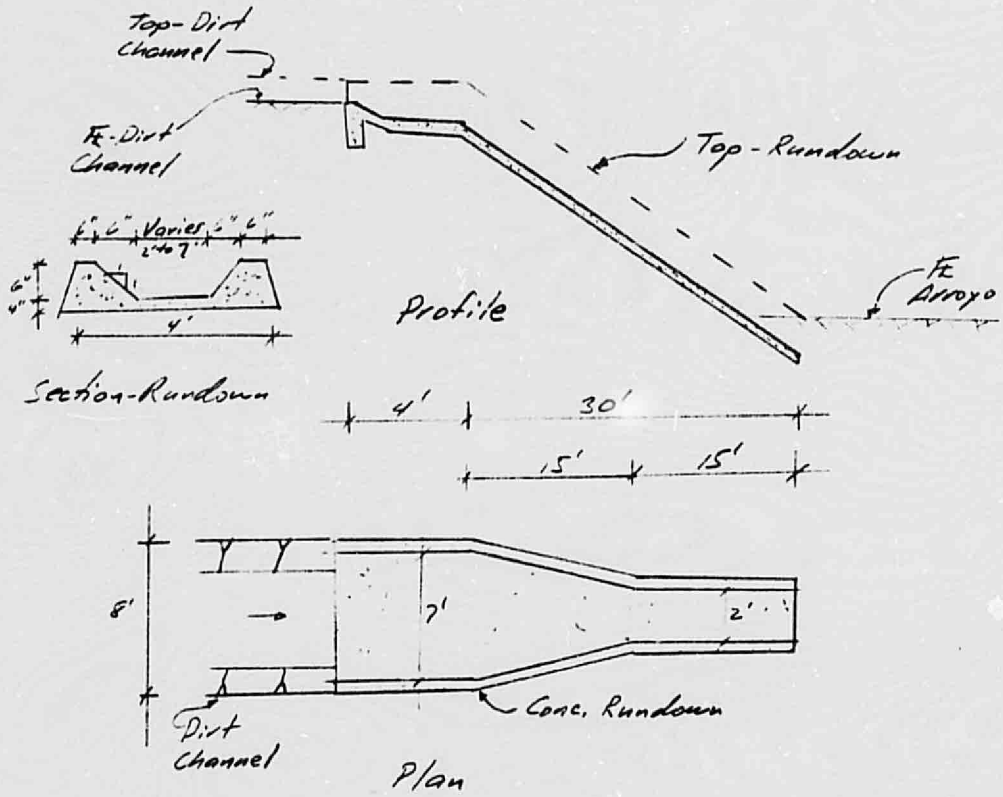
MSM/SP GROUP ALBUQUERQUE N.M.

By MSH Date 9-28 PROJECT Villa Palomar sheet No. 5 of 5

Checked By ____ Date ____ Rundown - Domingo Baca Job No. ____



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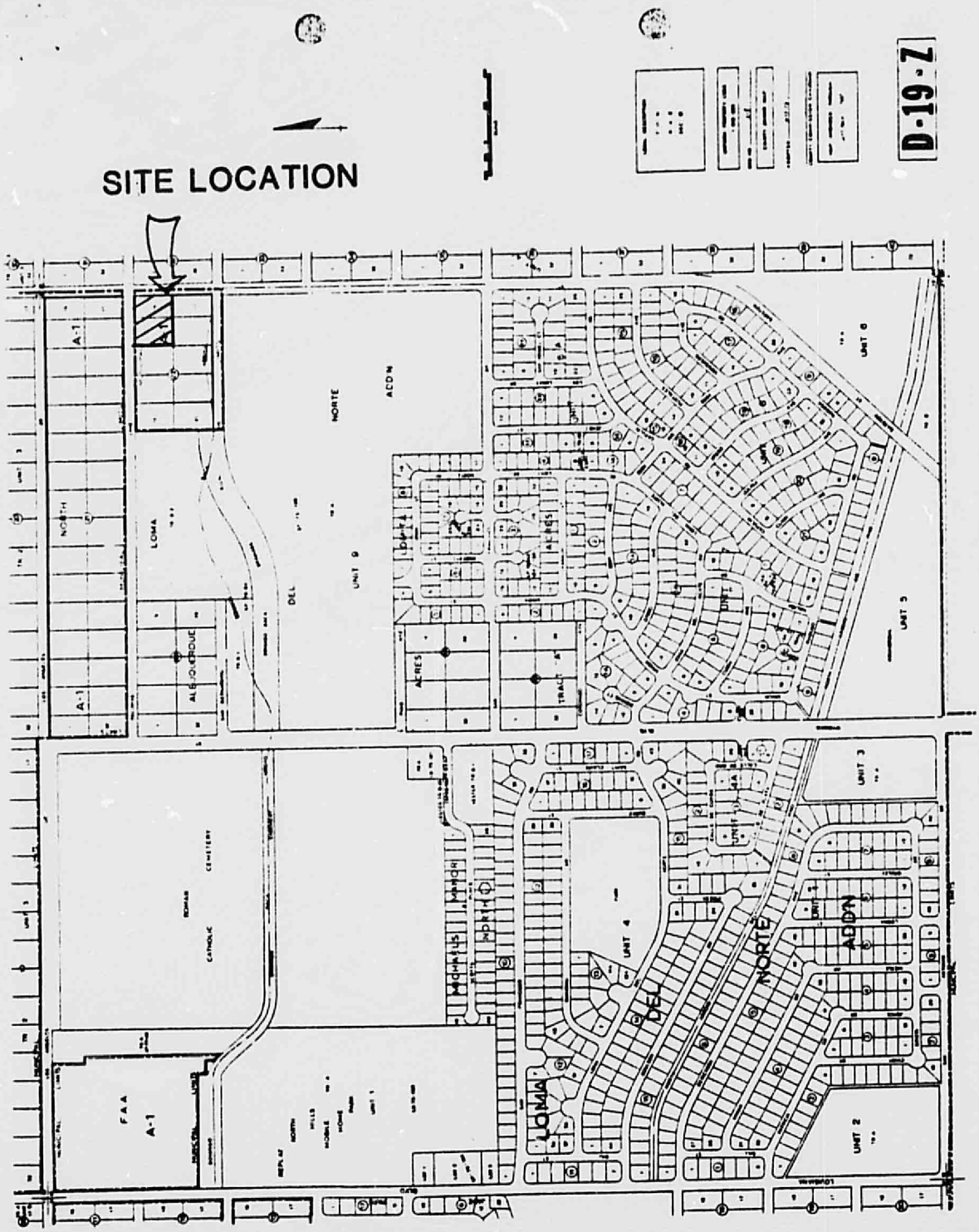

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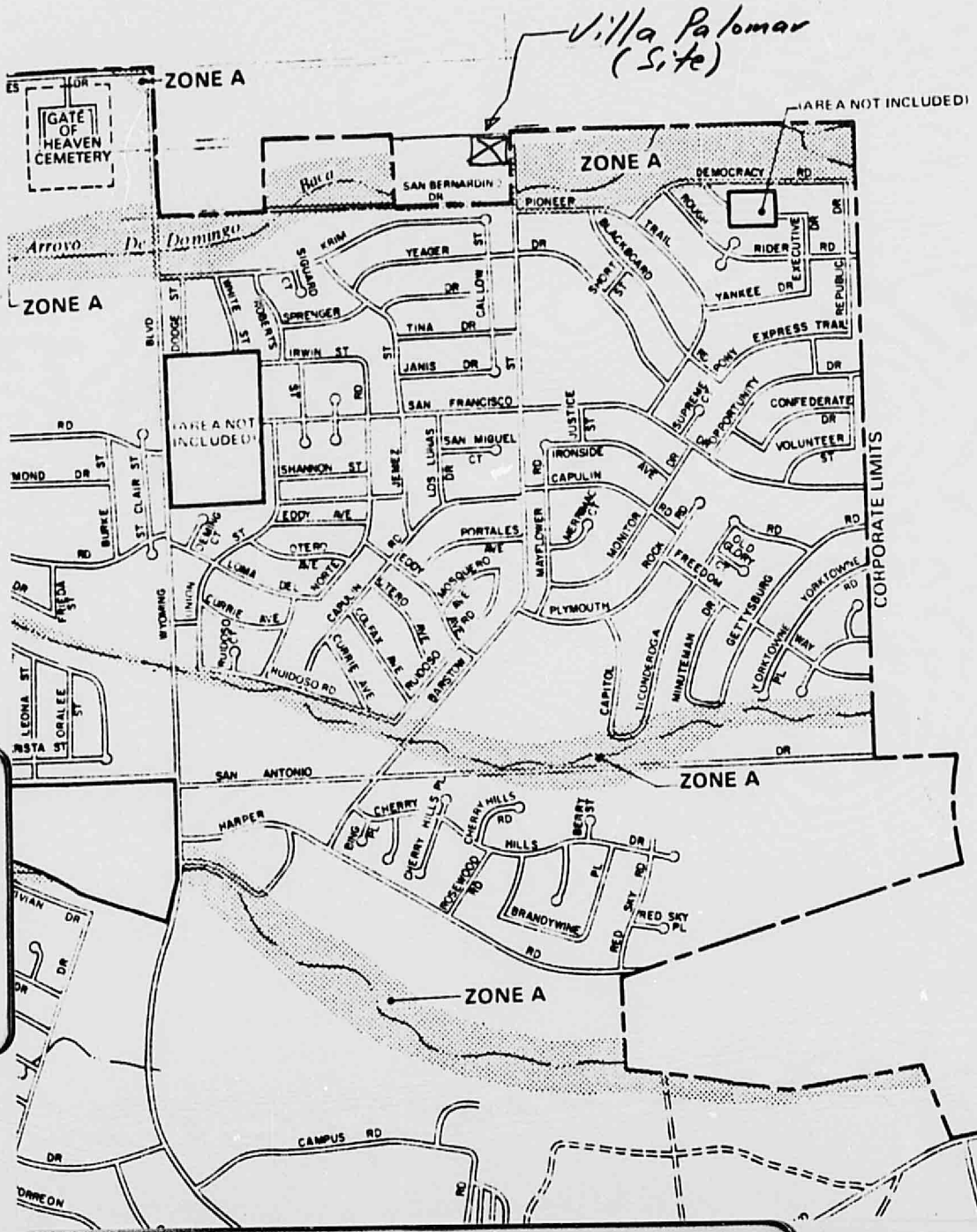

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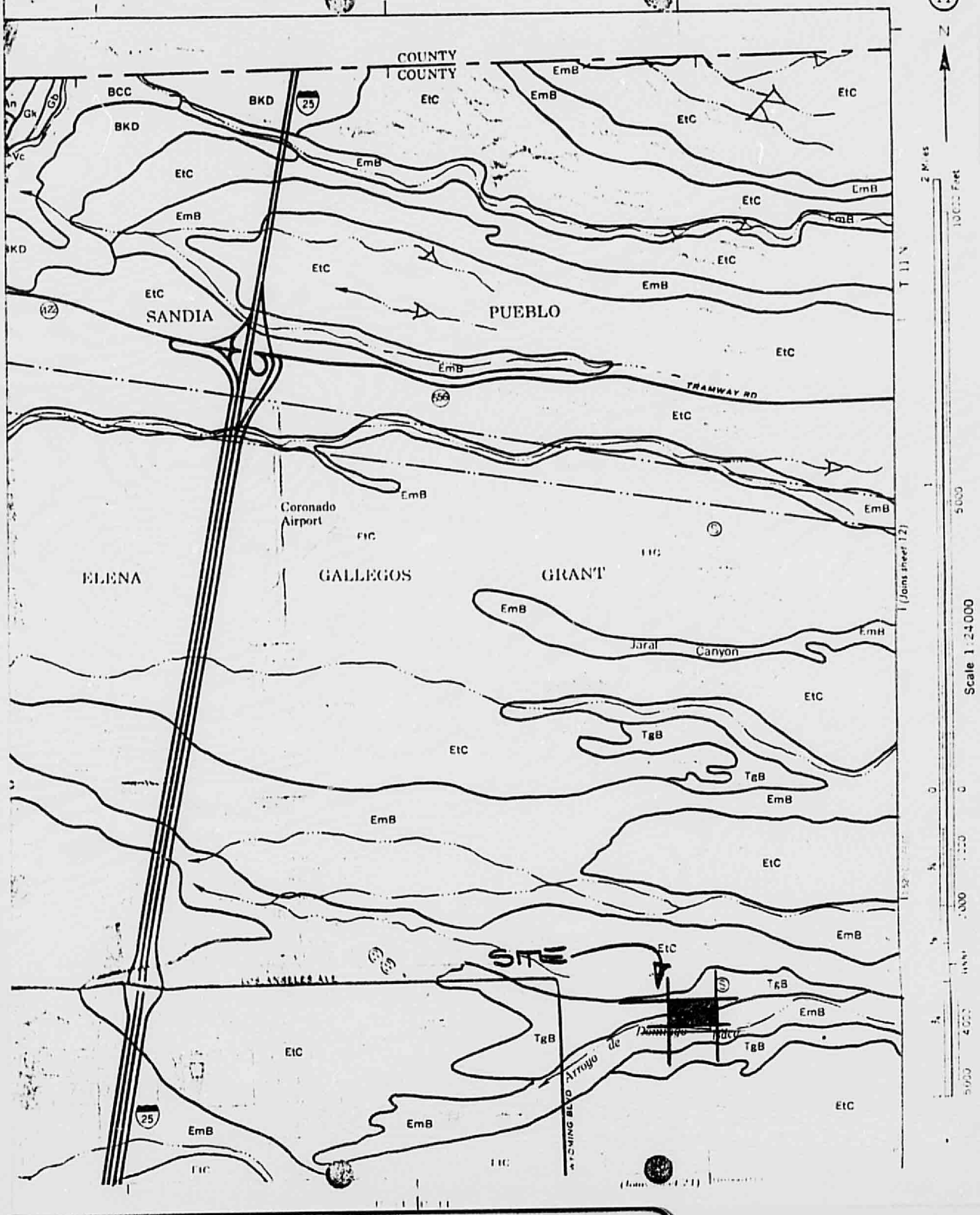
VALENCIA COUNTIES, NEW MEXICO — SHEET NUMBER 11



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CITY OF ALBUQUERQUE

ALBUQUERQUE, NEW MEXICO

February 11, 1987
DATE

CITY ENGINEERS PROJECT NO. 3122

STANDARD REVIEW COMMENT SHEET

SHEET 1 of 2

TO: DRC Committee
(USER DEPT./DIVISION)

FROM: Bob Hogrefe, PWD/Engineering-Design Review Section
(REVIEWER/REVIEW DEPT./DIVISION)

PROJECT: LOMITA ENCANTADA SUBDIVISION

PROJECT DESCRIPTION TYPE: [ ]Report/Study, [X]Plans, [ ]Specs, [ ] East.
STATUS: [ ]Prel, [X]Final, [ ]Check

PAGE NO.	COM NO.	COMMENTS	USER DEPT. A/D	REMARK
1	1	Cover Sheet - Please change General Note as indicated. See markup.		
2	2	Plat sheet - City title block needs to be removed per original comment.		
3	3	Will there be a wheelchair ramp required at the intersection indicated. Please confirm with City Traffic.		
3	4	Show crown transition at intersection.		
3	5	Please identify Station 0+00 as beginning of project. & Centerline Esperanza Drive.		
3	6	Please indicate where valley gutter flowlines tie to curb and gutter flowlines, Both sides of Esperanza Court.		
3	7	Sidewalk note is confusing - indicating "sidewalks to be built by others" or "to build", Please clarify. Is there to be a Sidewalk Variance granted? Do we have any DRB documents regarding this? (None in City's Files).		
4	8	We will need a Fire Marshall approved site plan.		
4	9	The connection for the waterline at 53rd Street appears to require a pressure connection. The information is inconsistent. Please clarify.		

25×10

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PROJECT NO. 3122
SHEET 2 OF 2

PROJECT: LOMITA ENCANTADA SUBDIVISION

REVIEWER/DATE: Bob Hogrefe / February 11, 1987

PAGE NO.	COM NO.	COMMENT	USER DEPT. A/D REMARK
4	10	There needs to be a note added to remove and replace approximate linear feet of standard curb & gutter and drivepad at 53rd Street.	
4	11	Are the adjoining properties agreeing to the easement as shown?	
4	12	Please indicate Std. Dwg. W-20 for the fire hydrant.	
4	13	All manholes shown should be Type 'E', not Type 'D'.	
4	14	The sewerline within the drainage and public utility easement needs to be shown at a lower invert elevation into the existing manhole. See plan markup.	
4	15	Please indicate SDR 18 C900 sas pipeline on the profile where it is needed. (see plans)	
5	16	In the drainage easement, please see markup sheets for comments.	
5	17	In the profile for storm sewer, please specify class of RCP. It is recommended to use Class IV.	
5	18	Please see markups for additional comments on this sheet.	
6	19	Please indicate "For Information Only" on this sheet.	
Est.	20	Please see revised estimate note on the estimate submitted. Many changes are necessary and it is requested that the City Standard Estimate sheet Figure 7B be utilized and submitted next time.	
	21	A revised DRB Infrastructure Listing will need to be processed through the DRB to reflect the change from the City Standard channel paving in favor of what is now shown and has been approved, (i.e. 2" ASP. PAVING w/ C&G).	

BH/tar
(7267E)

25×10

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FIGURE 5

CITY OF ALBUQUERQUE

DESIGN REVIEW COMMITTEE
REQUEST FOR REVIEW

MEMORANDUM - 3-19-87
Date

TO: [✓] ~~(3)~~ 2 PWD/Engineering
(Design, Field, Hydrology)

[✓] ~~(2)~~ 1 Transportation
(Traffic, Street Maintenance)

[ ] ~~(1) Traffic Engr./Operations~~

[✓] (1) Water Utilities
(Water, Sanitary Sewer, Maintenance)

[ ] ~~(1) Parks & Recreation~~

RECEIVED
MAR 25 1987
HYDROLOGY SECTION

FROM: DRC Chairman, PWD/ENG.

SUBJECT: VILLA PALOMAR UNIT 1 - DRAINAGE LOTS 6+7

Project No. 3157

The attached [✓] drawings, [ ] specifications, and/or [ ] _____ have been submitted for consideration by the DRC.

They relate to following work types:

[ ] Water Facilities [✓] Storm Drainage

[ ] Sanitary Sewer [ ] Paving [ ] _____

The following meeting has been scheduled for 2:45 on 04/01/87.

[ ] Pre-Design [ ] Design Comment Review [✓] Approval

* Remember, for Comment Review Meetings, your comments MUST be turned in to PWD/ENG. no later than 4:30 p.m. on the last working day before the scheduled meeting.

If you are aware of any reason why this submittal should not be considered as scheduled, please notify me by phone as soon as possible so that necessary steps may be taked to cancel or reschedule.

cc: Applicant
Rev. 12/85
(ID3437E)

25×10

0000 0000 0439

B. H. SWINBURNE, CHAIRMAN
WILLIAM V. HEREFORD, VICE-CHAIRMAN
FRANCES McCOY, SECRETARY-TREASURER
R. WARD HUNNICUTT, DIRECTOR
REX FUNK, DIRECTOR

RICHARD E. LEONARD
EXECUTIVE ENGINEER

Albuquerque
Metropolitan
Arroyo
Flood
Control
Authority

P. O. BOX 25651 - ALBUQUERQUE, N. M. 87125
TELEPHONE 884-2215

January 20, 1987

Hall Engineering Co., Inc.
337 Eubank NE
Albuquerque, New Mexico 87123

Subject: Villa Palomar - Drainage Outfall to AMAFCA R.O.W.

Dear Mr. Hall:

Mr. Parvin submitted a proposal sketch to this office on January 8, 1987. This letter will advise of our acceptance of your proposal. Please advise when your contractor expects to perform the work. It is our intent to advertise our excess land for sale and would like to have this outfall in place prior to advertising.

Sincerely,

Dan Sabo

Dan Sabo
Drainage Engineer

25×10

0000 0000 0440

HALL ENGINEERING COMPANY INC.
ENGINEERING • SURVEYING • PLANNING • CONSTRUCTION

March 18, 1987

To: Bob Hogrefe, PWD/Engineering - Design Review Section

Project: Villa Palomar Subdivision Drainage,
Revisions for lots 6 and 7

Response To Comments:

1. Called for removal of existing pipe. (see plan)
2. Limit of saw cutting have dimensions on the plan.
3. Q100 runoff figure has been derived from approved drainage plan on Hydrology file and has been addressed on plan.
4. The property line has been shifted 4' to the west and location of existing wall is correct.
5. Both pipes are straight now, there is no need for bends. Horizontal control provided at both ends of pipes. (see plan)
6. Called for removal of yardwalls.
7. Runoff will discharge into AMAFCA property.
8. The property has been replatted. New 10' easement has been provided.
9. Yes
10. 4 C.Y. (see plan)
11. The wall will be removed.
12. This proposal will not effect the off-site flows. The run-off still flows through the 5' easement under the wall. The matter has been discussed with Hydrology Division.
13. Called for D.I. pipe under the drive-way.

6840 2ND ST., N.W., SUITE 306 • ALBUQUERQUE, NEW MEXICO 87107 • PHONE: (505) 345-1064

25×10

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CITY OF ALBUQUERQUE

ALBUQUERQUE, NEW MEXICO

February 9, 1987
DATE

CITY ENGINEERS PROJECT NO. 3157

STANDARD REVIEW COMMENT SHEET

SHEET 1 of 2

TO: DRC Committee
(USER DEPT./DIVISION)

FROM: Bob Hogrefe, PWD/Engineering-Design Review Section
(REVIEWER/REVIEW DEPT./DIVISION)

PROJECT: VILLA PALOMAR SUBDIVISION DRAINAGE REVISIONS FOR LOTS 6 AND 7

PROJECT DESCRIPTION TYPE: [ ]Report/Study, [X]Plans, [ ]Specs, [ ] East.
STATUS: [X]Prel, [ ]Final, [ ]Check

PAGE NO.	COM NO.	COMMENTS	USER DEPT. A/D	REMARK
✓	1	What is the status of the previous Work Order #3004? Is any existing drainage pipe to be removed?		
✓	2	Need to call out limits and sawcutting of existing concrete driveway.		
✓	3	What is the reference for the Q100 runoff figure of 4.54 cfs?		
	4	Our field division indicates that the wall section shown does not reflect actual field conditions. See plan markup.		
	5	There appears to be a necessity of bends or angles in the pipeline. The plans do not show horizontal control. This will be needed.		
	6	It appears that the yard walls near the end of the outfall may need to be removed and reconstructed. This is not indicated as to how it is to be done and is needed on the plans.		
✓	7	Please identify where the intended discharge is and the conditions of the drainage easement there.		

25X

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PROJECT NO. 3157
SHEET 2 OF 2

PROJECT: VILLA PALOMAR SUBDIVISION DRAINAGE REVISIONS FOR LOTS 6 AND 7

REVIEWER/DATE: Bob Hogrefe / February 9, 1987

PAGE NO.	COM NO.	COMMENT	USER DEPT. A/D REMARK
	8	Information received from our Hydrology Section, Roger Green, indicates that the plat does not include any drainage easement as shown. Therefore, it appears that a drainage easement does need to be processed.	
	9	Has the owner in Lot 6 been notified of the intended construction that will occur in close proximity to his structure?	
	10	The cubic yards quantity of the 6" lava rock rip rap needs to be specified.	Cu yds w/ 9" blanket
	11	An encroachment agreement will be needed along with the easement where the yard walls overlap onto the easement. This will need to be worked out with the City's Hydrology Section.	N/A
	12	The offsite flows at the NW property corner have not been addressed with this drainage solution. The offsite drainage needs to be worked out with the City Hydrology Division also.	PRI. D.E.
	13	It appears as though the RCP called out should be, in fact, ductile iron pipe due to the shallow cover. Calculations would be needed to justify RCP pipe in this instance.	Class ~~III~~ RCP per J. Kelly

BH/tar
(7267E)

Also, Information / Comments from John Kelly, Storm Drain Ops.:

1) Provide 9" blanket under Rip Rap at outlet
2) Show Rip Rap below outlet on profile
3) Reinforcing detail needed for pipe under driveway (if RCP)
4) Frame will have to be set with angle
5) STD Grate is 25"x40" & does not conform w/ drawing.

25x

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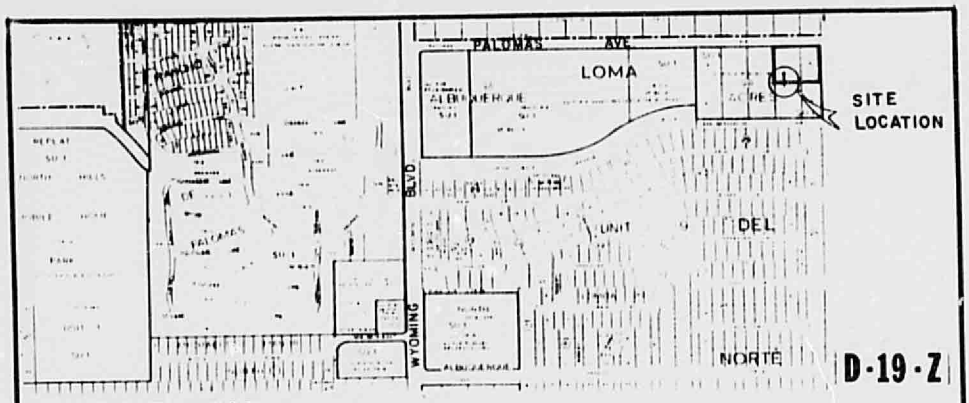

VICINITY MAP

NOTICE TO CONTRACTOR

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- [x] All storm drainage facilities shall be completed prior to final acceptance.

RICHARD V. HALL
NEW MEXICO
No. 7918
REGISTERED PROFESSIONAL ENGINEER

HYDROLOGY SECTION

BENCHMARK

City of Albuquerque Station "Heaven" located at the entrance way to Gate of Heaven Cemetery. Station mark is a standard USC&GS brass tablet stamped "Heaven 1969" set in the top of a conc. post flush with ground. ELEVATION 5378.79

APPROVED FOR RECORD DRAWING		APPROVED FOR CONSTRUCTION	
ASST. CITY ENGINEER FIELD	DATE	A.C.E. ENGINEER	DATE

CITY OF ALBUQUERQUE

APPROVAL	ENGINEER	DATE
D.R.C. CHAIRMAN		
WATER UTILITIES		
TRANSPORTATION		
A.C.E. DESIGN SECT.		

TITLE: VILLA PALOMAR UNIT I
DRAINAGE REVISION LOT 6 & 7
PALOMAR CT. TO AMAFCA R.O.W.

PROJECT No.	MAP No. D-19
3157	SHEET 1 OF 3

25×10 32×10

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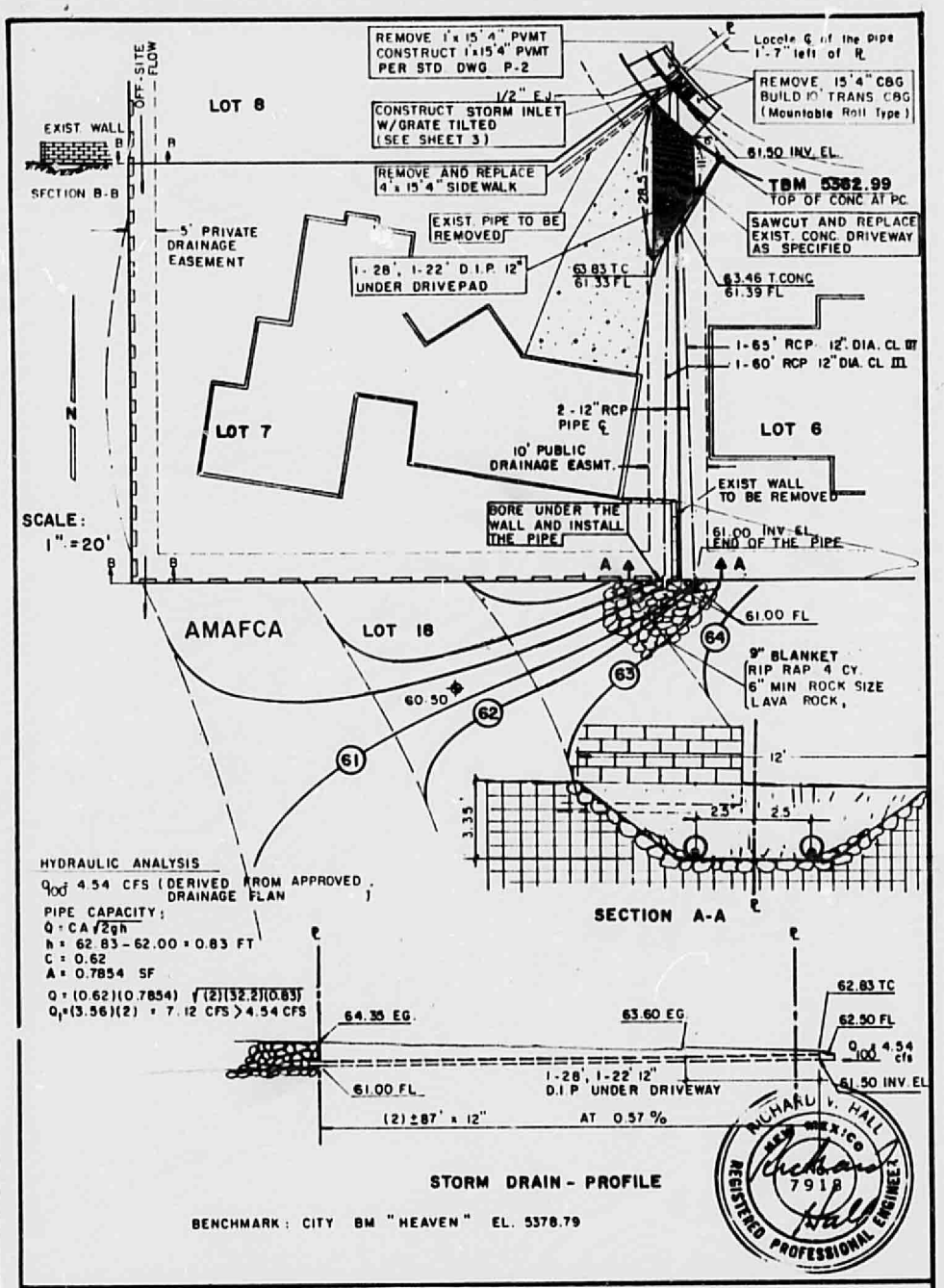

CITY OF ALBUQUERQUE

APPROVAL	ENGINEER	DATE	TITLE: VILLA PALOMAR UNIT I DRAINAGE REVISION LOT 6 & 7 PALOMAR CT. TO AMAFCA R.O.W.	
D.R.C. CHAIRMAN				
WATER UTILITIES				
TRANSPORTATION			PROJECT No. 3157	MAP No. D-19
A.C.E. DESIGN SECT.				SHEET 2 OF 3

25×10 32×10

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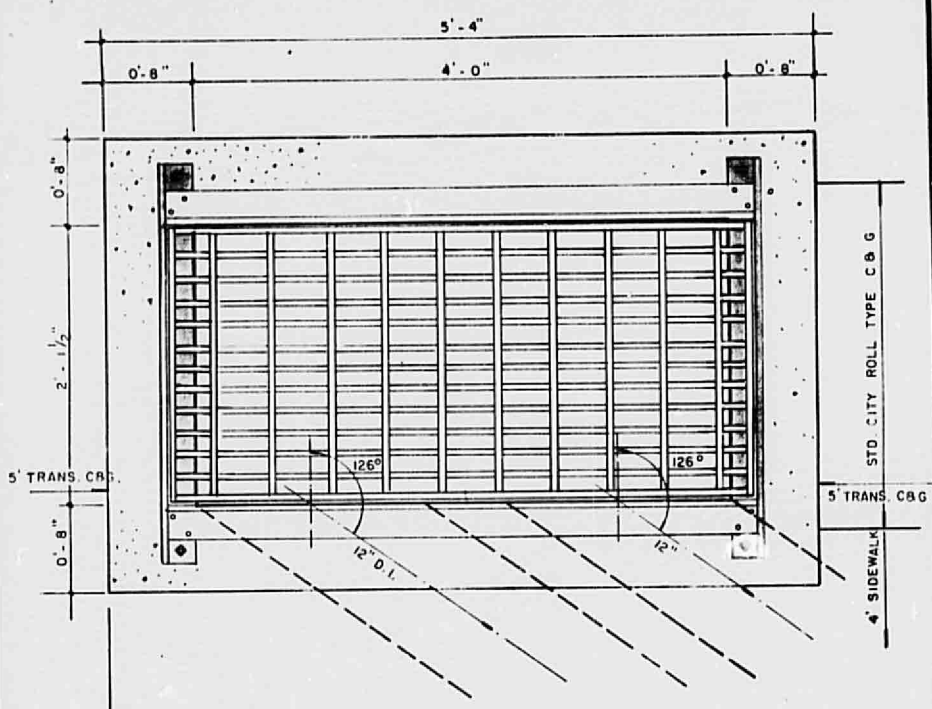

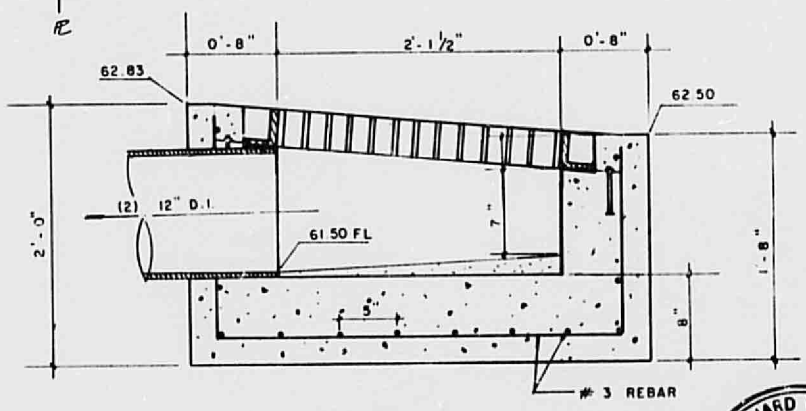

SECTION

NOTE: THIS IS A NON-STND. GRATE

BENCHMARK: CITY BM "HEAVEN" EL. 5378.79

RICHARD V. HALL
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER

CITY OF ALBUQUERQUE

APPROVAL	ENGINEER	DATE	TITLE: VILLA PALOMAR UNIT I DRAINAGE REVISION LOT 6 & 7 PALOMAR CT. AMAFCA R.O.W.	
D.R.C. CHAIRMAN				
WATER UTILITIES				
TRANSPORTATION			PROJECT No. 3157	MAP No. D-19 SHEET 3 OF 3
A.C.E. DESIGN SECT.				

25×10 32×10

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City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

Ken Schultz
Mayor

UTILITY DEVELOPMENT DIVISION
HYDROLOGY SECTION
(505) 768-2650

April 6, 1987

Parviz Eftekhari
Hall Engineering
6840 Second Street, NW
Albuquerque, New Mexico 87107

RE: DRAINAGE PLAN FOR VILLA POLOMAR
(D-19/D13A) RECEIVED MARCH 18, 1987

Dear Mr. Eftekhari:

I have reviewed the referenced plan and forward the following comment:

1. A Procedure B (financial guarantees) for the proposed improvements prior to final plat sign-off is required.

If you should have any questions, call me at 768-2650.

Cordially,

Carlos A. Montoya, P.E.
City/County Floodplain Administrator

CAM/bsj

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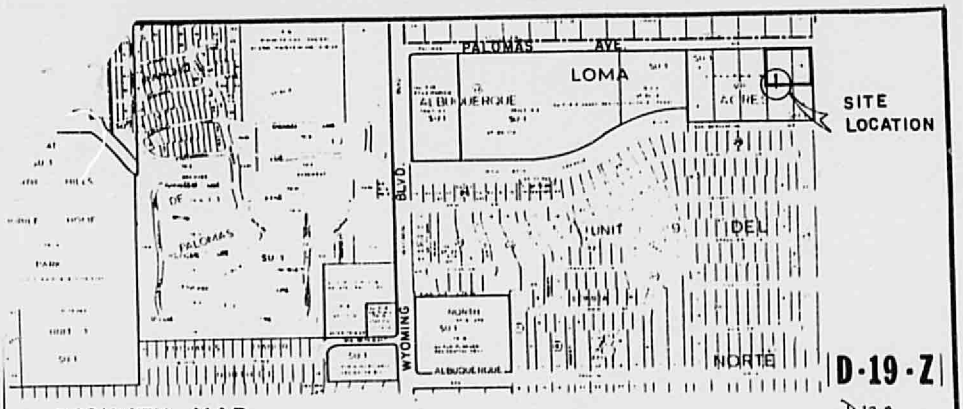

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RECEIVED JAN 27 1987 HYDROLOGY SECTION

RICHARD V. HALL NEW MEXICO No. 7918 REGISTERED PROFESSIONAL ENGINEER

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APPROVED FOR RECORD DRAWING

ASST. CITY ENGINEER FIELD — DATE

APPROVED FOR CONSTRUCTION

A.C.E. ENGINEER — DATE

CITY OF ALBUQUERQUE

APPROVAL	ENGINEER	DATE
D.R.C. CHAIRMAN		
WATER UTILITIES		
TRANSPORTATION		
A.C.E. DESIGN SECT.		

TITLE: VILLA PALOMR UNIT I
DRAINAGE REVISION LOT 6 & 7
PALOMAR CT. TO AMAFCA R.O.W.

PROJECT No. 3157

MAP No. D-19

SHEET 1 OF 1

25×10 32×10

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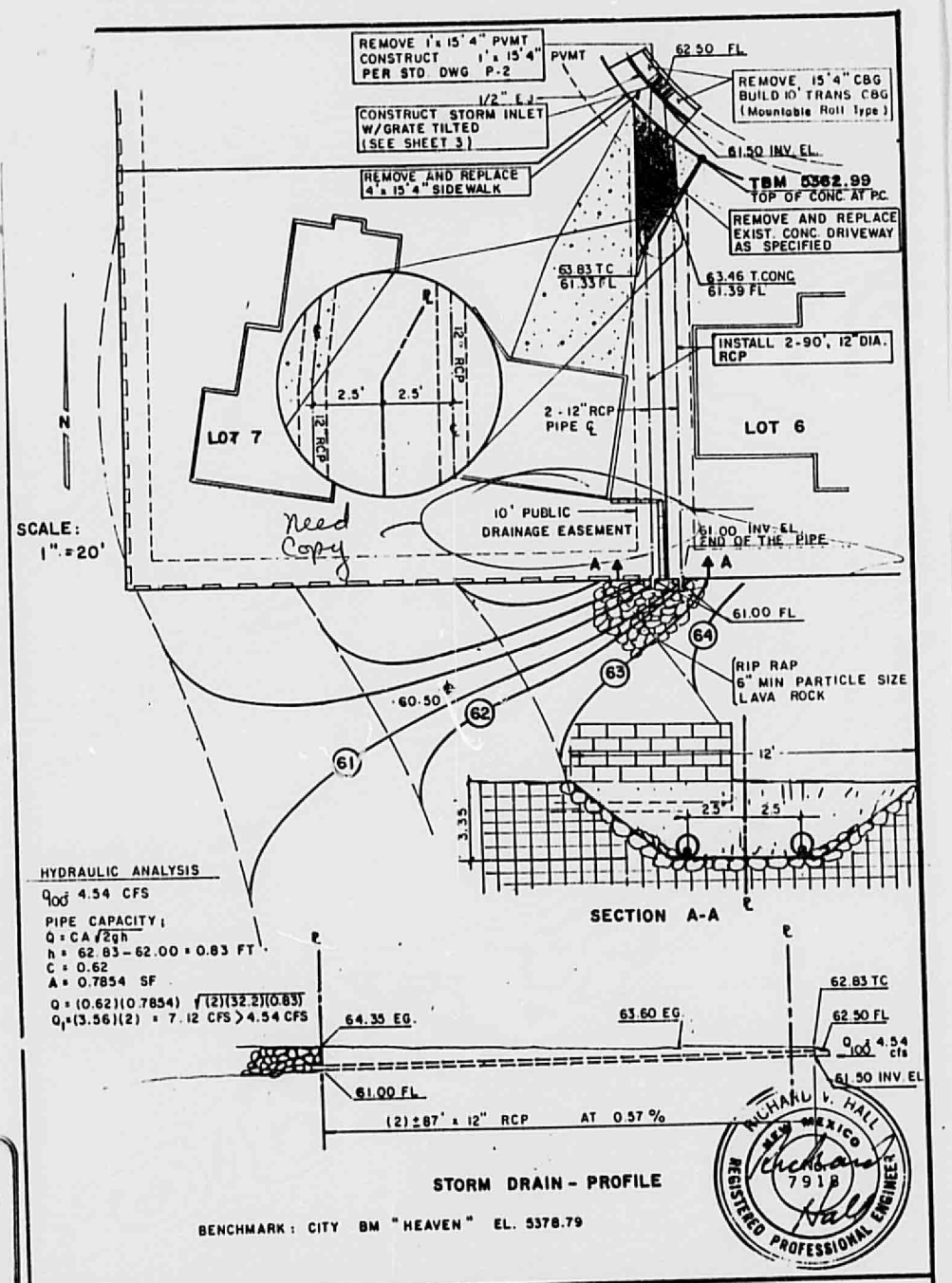

BENCHMARK: CITY BM "HEAVEN" EL. 5378.79

CITY OF ALBUQUERQUE

APPROVAL	ENGINEER	DATE
D.R.C. CHAIRMAN		
WATER UTILITIES		
TRANSPORTATION		
A.C.E. DESIGN SECT.		

TITLE:
VILLA PALOMAR UNIT I
DRAINAGE REVISION LOT 6 & 7
PALOMAR CT. TO AMAFCA R.O.W.

PROJECT No.

MAP No. D-19

SHEET 2 OF 3

25×10 32×10

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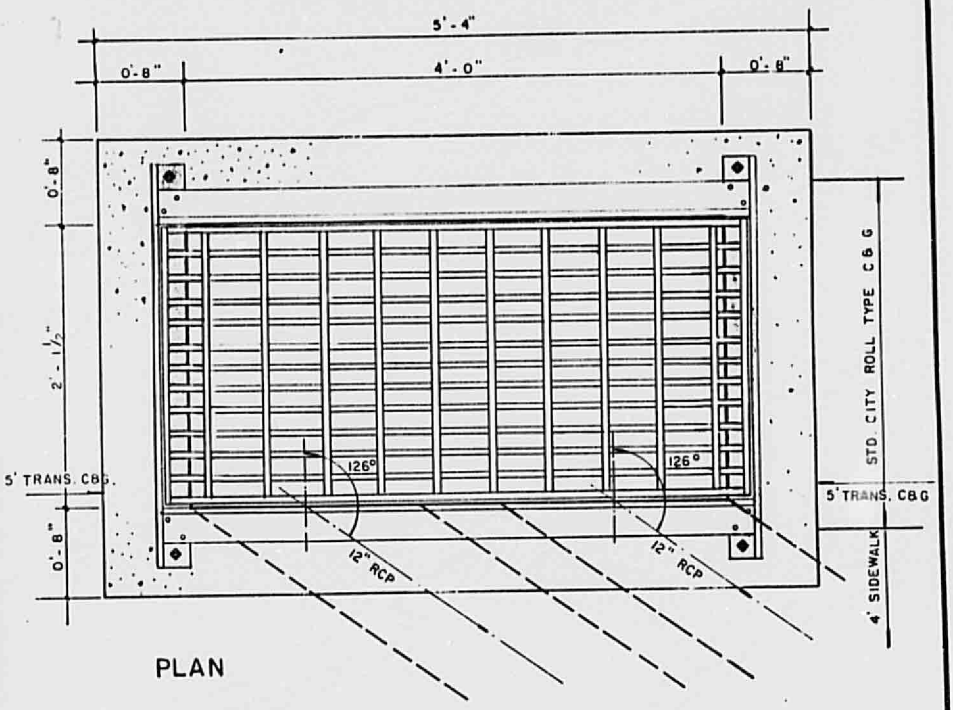
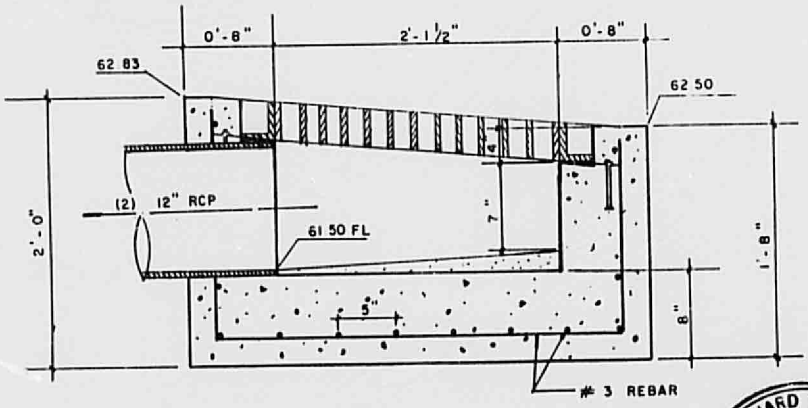


PLAN



SECTION

NOTE: REFER TO CITY STD. DWG. K-8 AND K-9 FOR STORM INLET FRAME AND GRATE CONSTRUCTION

BENCHMARK: CITY BM "HEAVEN" EL. 5378.79

RICHARD V. HALL
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER

CITY OF ALBUQUERQUE

APPROVAL	ENGINEER	DATE	TITLE: VILLA PALOMAR UNIT I DRAINAGE REVISION LOT 6 & 7 PALOMAR CT. AMAFCA R.O.W.	
D.R.C. CHAIRMAN				
WATER UTILITIES				
TRANSPORTATION			PROJECT No.	MAP No. D-19
A.C.E. DESIGN SECT.				SHEET 3 OF 3

25×10 32×10

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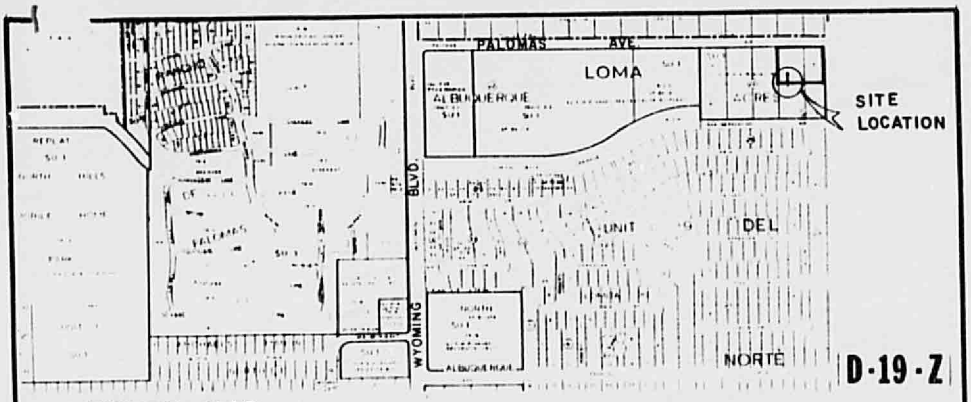

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APPROVED FOR RECORD DRAWING

ASST. CITY ENGINEER FIELD _____ DATE _____

APPROVED FOR CONSTRUCTION

A.C.E. ENGINEER _____ DATE _____

CITY OF ALBUQUERQUE

APPROVAL	ENGINEER	DATE
D.R.C. CHAIRMAN		
WATER UTILITIES		
TRANSPORTATION		
A.C.E. DESIGN SECT.		

TITLE:
VILLA PALOMAR UNIT I
DRAINAGE REVISION LOT 6 & 7
PALOMAR CT. TO AMAFCA R.O.W.

PROJECT No. 3157

MAP No. D-19

SHEET 1 OF 3

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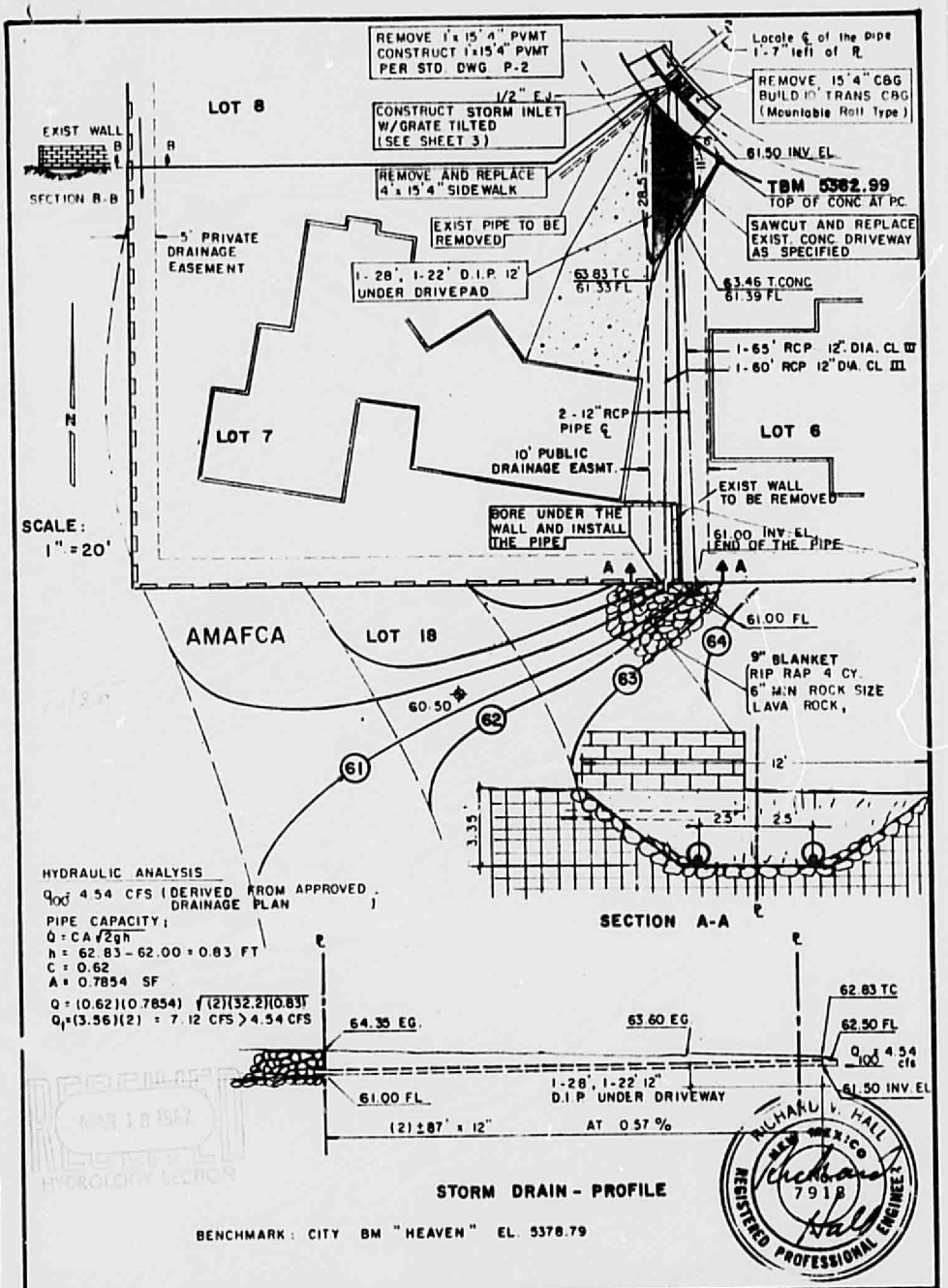

CITY OF ALBUQUERQUE

APPROVAL	ENGINEER	DATE	TITLE: VILLA PALOMAR UNIT I DRAINAGE REVISION LOT 6 & 7 PALOMAR CT. TO AMAFCA R.O.W.	
D.R.C. CHAIRMAN				
WATER UTILITIES				
TRANSPORTATION			PROJECT No. 3157	MAP No. D-19
A.C.E. DESIGN SECT.				SHEET 2 OF 3

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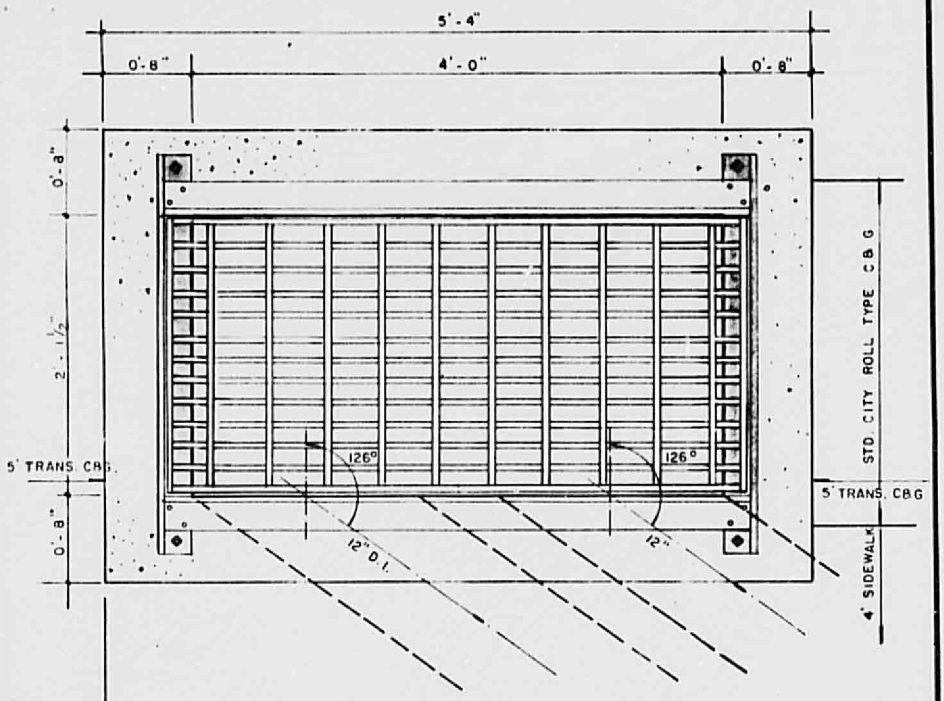

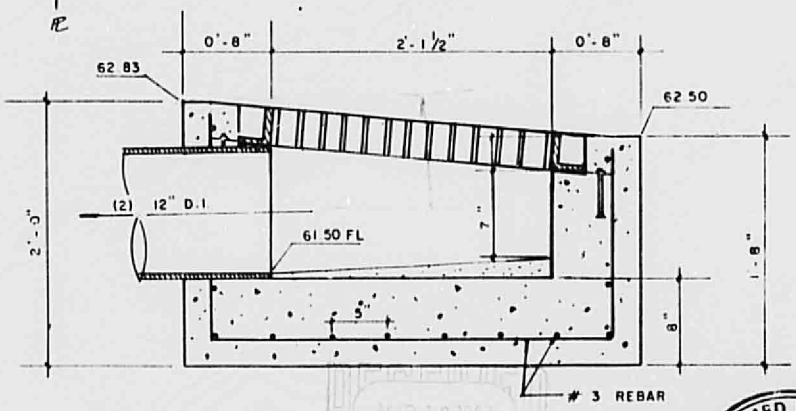

SECTION

NOTE: REFER TO CITY STD. DWG K-8 AND K-9 FOR STORM INLET FRAME AND GRATE CONSTRUCTION (DIMENSIONS HAS CHANGED)

BENCHMARK: CITY BM "HEAVEN" EL. 5378.79

RICHARD V. HALL NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

CITY OF ALBUQUERQUE

APPROVAL	ENGINEER	DATE	TITLE: VILLA PALOMAR UNIT I DRAINAGE REVISION LOT 6 & 7 PALOMAR CT. AMAFCA R.O.W.	
D.R.C. CHAIRMAN				
WATER UTILITIES				
TRANSPORTATION			PROJECT No. 3157	MAP No. D-19 SHEET 3 OF 3
A.C.E. DESIGN SECT.				

25×10 32×10

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FILE COPY

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

Ken Schultz
Mayor

UTILITY DEVELOPMENT DIVISION
HYDROLOGY SECTION
(505) 768-2650

April 6, 1987

Parviz Eftekhari
Hall Engineering
6840 Second Street, NW
Albuquerque, New Mexico 87107

RE: DRAINAGE PLAN FOR VILLA POLOMAR
(D-19/D13A) RECEIVED MARCH 18, 1987

Dear Mr. Eftekhari:

I have reviewed the referenced plan and forward the following comment:

1. A Procedure B (financial guarantees) for the proposed improvements prior to final plat sign-off is required.

If you should have any questions, call me at 768-2650.

Cordially,

Carlos A. Montoya, P.E.
City/County Floodplain Administrator

CAM/bsj

25×10

0000 0000 0454

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Villa Palomar ZONE ATLAS/DRNG. FILE #: D-19/D13A

LEGAL DESCRIPTION: Villa Palomar Unit 1

CITY ADDRESS: Palomas Ave.

ENGINEERING FIRM: Hall Engineering Co. CONTACT: Paruiz Eftekhari

ADDRESS: 6840 2ND ST. N.W. PHONE: 345-1064

OWNER: N/A CONTACT:

ADDRESS: PHONE:

ARCHITECT: N/A CONTACT:

ADDRESS: PHONE:

SURVEYOR: Hall Engineering Co. CONTACT: Paruiz Eftekhari

ADDRESS: 6840 2nd St. N.W. PHONE: 345-1064

CONTRACTOR: N/A CONTACT:

ADDRESS: N/A PHONE:

RECEIVED MAR 18 1987 HYDROLOGY SECTION

PRE-DESIGN MEETING:

✓ YES

___ NO

✓ COPY OF CONFERENCE RECAP SHEET PROVIDED

DRB NO. ___

EPC NO. ___

PROJ. NO. ___

TYPE OF SUBMITTAL:

___ DRAINAGE REPORT

✓ DRAINAGE PLAN

___ CONCEPTUAL GRADING & DRAINAGE PLAN

___ GRADING PLAN

___ EROSION CONTROL PLAN

___ ENGINEER'S CERTIFICATION

CHECK TYPE OF APPROVAL SOUGHT:

___ SKETCH PLAT APPROVAL

___ PRELIMINARY PLAT APPROVAL

___ SITE DEVELOPMENT PLAN APPROVAL

✓ FINAL PLAT APPROVAL

___ BUILDING PERMIT APPROVAL

___ FOUNDATION PERMIT APPROVAL

___ CERTIFICATE OF OCCUPANCY APPROVAL

___ ROUGH GRADING PERMIT APPROVAL

___ GRADING/PAVING PERMIT APPROVAL

___ OTHER ___ (SPECIFY)

DATE SUBMITTED: March, 18, 1987

BY: Paruiz Eftekhari

25 X 10

0000 0000 0455

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION/DESIGN HYDROLOGY SECTION

CONFERENCE RECAP

DRAINAGE FILE/ZONE ATLAS PAGE NO.: D-14 DATE: 12/17/86 @ 3:00

PLANNING DIVISION NOS: EPC: _____ DRB: _____

SUBJECT: _____

STREET ADDRESS (IF KNOWN): _____

SUBDIVISION NAME: Villa Palomar Unit Lots 6, 7, 8

APPROVAL REQUESTED:

____	PRELIMINARY PLAT	____	FINAL PLAT
____	SITE DEVELOPMENT PLAN	____	BUILDING PERMIT
X	OTHER drainage channel location	____	ROUGH GRADING

	WHO	REPRESENTING
ATTENDANCE:	Patrick	Hull Engineering
	Billy Goldsby	Hydrology Section

FINDINGS:

- A non-standard design & easement requirement to provide adequate drainage will require written concurrence from John Kelly - Storm Drainage Maintenance Section.

- The non-standard design will have to be justified by hydraulic analysis. This analysis will be required to be approved by this office prior to issuance of any Work Order.

The undersigned agrees that the above findings are summarized accurately and are only subject to change if further investigation reveals that they are not reasonable or that they are based on inaccurate information.

SIGNED:	Billy Goldsby	SIGNED:	[illegible]
TITLE:	CE/Hydrology	TITLE:	
DATE:	12/17/86	DATE:	12/17/86

NOTE PLEASE PROVIDE A COPY OF THIS RECAP WITH THE DRAINAGE SUBMITTAL

25x10

0000 0000 0456

WILSON & COMPANY
ENGINEERS & ARCHITECTS

RECEIVED
AUG 07 1986
HYDROLOGY SECTION

505 345-5345

ENGINEERS
ARCHITECTS
PLANNERS

Office Location... 6611 GULTON CT., N.E. ■ ALBUQUERQUE, NEW MEXICO 87109

An Equal Opportunity Employer

Mailing Address... P.O. BOX 3548 ■ ALBUQUERQUE, NEW MEXICO 87190

Made comments to Steve Metro on 8-8-86. He had already made the changes. I notified Rob ~~Hagen~~ Hogrefe that the SO #19 was OK on 8-8-86 by phone

CAM

4 August 1986

Mr. John P. Kelly
Engineering Assistant
Operations Division
City of Albuquerque
9805 Central Avenue N.E.
Albuquerque, NM 87123

Re: Drainage Easement, Palomar Court to AMAFCA Easement
WCEA File: 86-501p

D19-D13A

Dear Mr. Kelly:

Wilson & Company, Engineers & Architects has been hired by Mr. Wayne Crooks to design a drainage revision to Lot 7, Villa Palomar, Unit 1 and to obtain a permit. The previous drainage plan does not allow adequate driveway access to Lot 7. This revision has been discussed with Fred Aguirre and Andre Houle and the following schedule is proposed.

August 8 - DRC Review and Approval
August 15 - Obtain Permit and Negotiate with Contractor
September 19 - Complete Construction

If you have any questions or comments, please call.

WILSON & COMPANY

Steven J. Metro

Steven J. Metro, P.E.

cc: H.R. Orr, Jr. - Principal Engineer/Construction
W. Dean Wall - Liquid Waste Engineer
Fred Aguirre - Design Hydrologist
Adelia Kearny - Assistant City Attorney
Andre Houle - DRC Review

kl

25×10

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D19/D13A

Barbara, File with Dwg report 7/18/86

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

July 22, 1986

RECEIVED
JUL 23 1986
HYDROLOGY SECTION

Mr. Wayne Crooks
Territorial Custom Homes
5800 McCleod N.E.
Albuquerque, New Mexico 87109

RE: DRAINAGE EASEMENT, PALOMAR COURT TO AMAFCA EASEMENT, DOMINGO BACA ARROYO

Dear Mr. Crooks:

On July 21, 1986, Mr. Robert Born met Mr. Ron Torsiello, Construction Manager for Territorial Custom Homes at the Palomar Court drainage easement. Mr. Born observed that the concrete drain, which had been constructed on two sides of lot 7 per the drainage plan, had been removed, and a six-inch diameter PVC pipe installed. This work of removal and replacement was done without a permit on a dedicated easement.

This letter is to notify you, that the six-inch PVC line is to be removed, and the concrete drainage structure is to be reconstructed according to the drainage plans. In order to have this construction done, you must get a permit from the City Engineer's Office, City/County Building, 5th floor.

The drainage structure must be constructed as soon as possible, and completed no later than August 8, 1986.

Legal Description of The Subdivision:

VILLA PALOMAR, UNIT 1, REPLAT OF LOTS 15 & 16, BLOCK 22, TRACT A - UNIT A, NORTH ALBUQUERQUE ACRES, ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, OCTOBER, 1983.

Your acknowledgment of this letter is requested by return mail. Please address correspondence to:

Mr. John P. Kelly, Engineering Assistant
City of Albuquerque, Operations Division
9805 Central Ave. N.E.
Albuquerque, New Mexico 87123

Sincerely Yours,

John Kelly

John P. Kelly, Engineer

xc: H. R. Orr, Jr. Principal Engineer/Construction
W. Dean Wall, Liquid Waste Engineer
✓Fred Aguirre, Design Hydrologist
Adelia Kearney, Assistant City Attorney

25×10

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D-19 & 13A

July 8, 1984

RECEIVED
JUL 12 1984
CITY ENGINEER

Mr. Dwayne Sheppard
City Engineer
Albuquerque, NM

Re: Villa Palomar
Project #2072

Dear Dwayne:

Thank you for your letter of June 26 regarding the Letter of Credit required by our agreement with the City for the improvements.

We are in the process of meeting the bank's requirements for same (term insurance, appraisal, construction contract, etc.); and I see no reason why we could not complete construction by April 1, 1985. Sundance Utility Construction will be the contractor.

I appreciate your consideration of an extension of submittal time for the Letter of Credit, and will do all I can to expedite same.

Sincerely,

Margaret Chen
114 D Sandia Rd NW
Albuquerque, NM
87107

25x

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City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

June 26, 1984

Margaret Chavez, General Partner
CST Group
114D Sandia Road N.W.
Albuquerque, New Mexico 87107

Re: Subdivision Improvement Agreement - Villa Palomar

Dear Ms. Chavez:

It is my understanding that you have requested an extension of time in submitting the Letter of Credit required by the terms of the above-referenced Agreement. In the Agreement, CST Group agreed to complete construction of the proposed improvements by April 1, 1985, and further agreed to provide a Letter of Credit to the City as a financial guarantee in the event CST Group failed to complete construction by that time.

No work permits will be issued and no construction may commence until you have provided a financial guarantee. If your financial situation is such that you are unable to secure a Letter of Credit within a reasonable time frame, then you may not be able to complete construction by the April 1, 1985 deadline. Any delay in submitting your Letter of Credit will not extend the time for completion of construction. It will only reduce your time frame for constructing the agreed-upon improvements.

We will, within reason, extend your time for submitting the Letter of Credit, but when you do submit the letter, you must demonstrate to us that you will be able to complete construction by April 1, 1985. If it appears that you will not have sufficient time to complete construction, then you should submit a new Subdivision Improvement Agreement (with new completion deadlines) for our review and approval.

Please feel free to contact me if you have any questions.

Sincerely,

C. D. Sheppard P.E.

C. Dwayne Sheppard
City Engineer

CDS/mop

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INFORMATION SHEET

PROJECT TITLE Villa Palomas TYPE OF SUBMITTAL Construction Plans

ZONE ATLAS PAGE NO. P19 - P13A CITY ADDRESS —

LEGAL DESCRIPTION

ENGINEERING FIRM MSM CONTACT Mark Holstad

ADDRESS ~~2061~~ 3601 Wyoming NE PHONE 292-1936

OWNER Margaret Chavez CONTACT Same

ADDRESS 1140 Sandia NW PHONE 843-2413

ARCHITECT NA CONTACT

ADDRESS PHONE

SURVEYOR MSM NA CONTACT ~~Same~~ George Mundell

ADDRESS Same PHONE Same

CONTRACTOR NA CONTACT

ADDRESS PHONE

PRE-DESIGN MEETING:

___ YES
X NO
___ COPY OF CONFERENCE RECAP SHEET PROVIDED

PLEASE CHECK TYPE OF APPROVAL EXPECTED WITH THIS SUBMITTAL:

___ SKETCH PLAT APPROVAL
___ PRELIMINARY PLAT APPROVAL
___ SITE DEVELOPMENT PLAN APPROVAL
___ FINAL PLAT APPROVAL
___ BUILDING PERMIT APPROVAL
___ CERTIFICATE OF OCCUPANCY APPROVAL
___ ROUGH GRADING PERMIT APPROVAL
___ GRADING/PAVING PERMIT APPROVAL
X OTHER Drainage Plan (SPECIFY)

RECEIVED
APR 10 1984
HYDROLOGY SECTION

DATE SUBMITTED: 4/10/84

BY: Mark Holstad

25 x 10

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MSM/SP Group

2601 Wyoming Boulevard, NE
Albuquerque, NM 87112
(505) 292-1936

A Member of the
SP Group of Professional
Services Companies

- Engineering
- Surveying
- Energy Services

April 3, 1984

Mr. Billy J. Goolsby, P.E.
Hydrology Department
City of Albuquerque
Albuquerque, New Mexico 87103

RE: Villa Palomar Grading & Drainage Plan (D19-D13A)

Dear Billy:

Your letter of October 19, 1983 gave comments relative to the referenced drainage plan. Your comments have been reviewed and the following comments are offered:

1) Attached.

2) Done.

3) AMAFCA will not be constructing the rundown at the Arroyo de Domingo Baca at this time but will retain the estimated construction cost. When the Arroyo is improved in the future. AMAFCA will design and construct the rundown as appropriate for the improved channel.

4) Done.

5) Done.

6) Will be done.

Construction plans have been submitted for Villa Palomar based on your comments. A timely review and approval would be appreciated, if possible.

If there are any comments or questions on any of the above, please advise.

Sincerely,

MSM/SP Group

Mark S. Holstad, P.E.
Project Manager
MSH:tw
0690345

RECEIVED
APR 0 4 1984
HYDROLOGY SECTION

25X

0000 0000 0462

INFORMATION SHEET

PROJECT TITLE Villa Palomar TYPE OF SUBMITTAL Other

ZONE ATLAS PAGE NO. D-19 CITY ADDRESS NA

LEGAL DESCRIPTION Lots 15 & 16, Blk. 22, Tract A, Unit A North Albuquerque Acres

ENGINEERING FIRM MSM CONTACT Mark Holstad

ADDRESS 2601 Wyoming NE Suite E PHONE 292-8836

OWNER Margaret Chavez CONTACT Same

ADDRESS 114 D Sandia Rd NW PHONE 843-7413

ARCHITECT NA CONTACT

ADDRESS PHONE

SURVEYOR NA CONTACT

ADDRESS PHONE

CONTRACTOR NA CONTACT

ADDRESS PHONE

Dig-D13a

PRE-DESIGN MEETING:

___ YES
✓ NO
___ COPY OF CONFERENCE RECAP SHEET PROVIDED

PLEASE CHECK TYPE OF APPROVAL EXPECTED WITH THIS SUBMITTAL:

___ SKETCH PLAT APPROVAL
___ PRELIMINARY PLAT APPROVAL
___ SITE DEVELOPMENT PLAN APPROVAL
___ FINAL PLAT APPROVAL
___ BUILDING PERMIT APPROVAL
___ CERTIFICATE OF OCCUPANCY APPROVAL
___ ROUGH GRADING PERMIT APPROVAL
___ GRADING/PAVING PERMIT APPROVAL
✓ OTHER ~~Drainge~~ Drainage Plan - Response to Comments (SPECIFY)

DATE SUBMITTED: 4/4/84

BY: Mark D. Holstad

RECEIVED
APR 04 1984
HYDROLOGY SECTION

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RICHARD E. LEONARD
EXECUTIVE ENGINEER

B. H. SWINBURNE, CHAIRMAN
WILLIAM V. HEREFORD, VICE-CHAIRMAN
FRANCES McCOY, SECRETARY-TREASURER
R. WARD HUNNICUTT, DIRECTOR
KLESTON LAWS, DIRECTOR

Albuquerque
Metropolitan
Arroyo
Flood
Control
Authority

2600 PROSPECT AVE., N.E.
P. O. BOX 25851 - ALBUQUERQUE, N. M. 87125
TELEPHONE 884-2215

RECEIVED
25 1984
M.S.M., INC.

January 25, 1984

Mr. Mark S. Holstad
MSM/SP Group
2601 Wyoming Blvd., NE
Albuquerque, NM 87112

RE: Villa Palomar - Lots 15 & 16, Blk. 22,
Tract A, Unit A, North Albuquerque Acres

Dear Mr. Holstead:

We have received a check in the amount of $1,215.90 from your client and owner of the referenced property. This Authority hereby agrees to accept the developed flows that will originate from the southwest corner of this property and cross AMAFCA land in a southerly direction to the South Baca Arroyo.

Sincerely,

Roger Flegel
Real Estate Officer

ic

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RICHARD E. LEONARD
EXECUTIVE ENGINEER

B. H. SWINBURNE, CHAIRMAN
WILLIAM V. HEREFORD, VICE-CHAIRMAN
FRANCES McCOY, SECRETARY-TREASURER
R. WARD HUNNICUTT, DIRECTOR
KLESTON LAWS, DIRECTOR

Albuquerque Metropolitan Arroyo Flood Control Authority

2600 PROSPECT AVE., N.E.
P. O. BOX 25851 · ALBUQUERQUE, N. M. 87125
TELEPHONE 884-2215

November 8, 1983

MSM/SP Group
2601 Wyoming Blvd., NE
Albuquerque, NM 87112

Attn: Mark S. Holstad

SUBJECT: Villa Palomar

Dear Mark:

Your estimate for the outfall and rundown to carry flows from Villa Palomar to the Arroyo de Domingo Baca is acceptable to AMAFCA. Upon receipt of your client's check in the amount of $1,215.90, we will advise in writing that AMAFCA will accept the developed flows from the Villa Palomar site at the southwest corner of the property.

Sincerely,

Dan Sabo

Dan Sabo
Drainage Engineer

ic

RECEIVED
APR 04 1984
HYDROLOGY SECTION

25×10

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City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

October 19, 1983

Mr. Mark Holstad
MSM/SP Group
2601 Wyoming Blvd. NE Suite F
Albuquerque, N.M. 87112

RE: VILLA PALOMAR GRADING & DRAINAGE PLAN (D19-D13A)

Dear Mr. Holstad:

I have reviewed the above referenced drainage plan and the following are my comments:

1. Need to provide a map or other documentation indicating that Lot 18 is AMAFCA property and that easement is granted to discharge across the lot. Also need to provide a copy of the plan (dated April 30, 1983), as referenced by AMAFCA's memo, to verify location accepted.

2. The channel from the cul-de-sac to the property line is a public facility because it is conveying public waters. Consequently, the easement has to be identified as public and is to be a minimum of 10' wide as per DPM. Also, since it will be identified as public, the grass lining is not acceptable.

3. The rundown design will need AMAFCA approval. If built as shown, how will it be protected from erosion and undercutting? We will defer to AMAFCA's approval and acceptance of maintenance responsibilities.

4. Additional spot elevations are needed to clarify the drainage pattern and in order to verify that the swales will drain. Also need elevations on the proposed concrete structures, i.e., concrete channel, top of curb and flowlines on curbs.

5. Need City approved street grades for Palomas Avenue N.E. and Barstow Street N.E.

AN EQUAL OPPORTUNITY EMPLOYER

25×10

D19/D13A

0000 0000 0466

6. Financial security will be required for drainage, utility and street improvements prior to final plat sign-off.

Should you have any questions or comments regarding this review, please feel free to contact me.

Yours truly,

Billy J. Goolsby P.E.

Billy J. Goolsby, P.E.
Civil Engineer/Hydrology

BJG/tsl

25×10

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INFORMATION SHEET

PROJECT TITLE Villa Palomas TYPE OF SUBMITTAL Drainage Plan

ZONE ATLAS PAGE NO. SU1 D-19 CITY ADDRESS Palomas Ave NE

LEGAL DESCRIPTION Lots 15 & 16, Block 22, Tr. A, Unit A, N. Alb. Acres

ENGINEERING FIRM MSM ISP Group CONTACT Mark H. Litad

ADDRESS 2601 Wyoming NE Suite F PHONE 292-1936

OWNER Margaret Chavez CONTACT Same

ADDRESS 114 A Sandia Rd NW PHONE 345-5934

ARCHITECT Mark Watkins CONTACT Same

ADDRESS 1209 Grande NE PHONE 242-2476

SURVEYOR MSM ISP Group CONTACT

ADDRESS See above PHONE

CONTRACTOR NA CONTACT

ADDRESS PHONE

DATE SUBMITTED 9-28-83

BY Mark H. Litad

RECEIVED
SEP 29 1983
ENGINEERING

Use this Information Sheet when submitting the following:

Drainage report or plan, conceptual grading and drainage plan, engineer's certification plan, erosion plan and grading plan. Provide the information applicable to your submittal.

25×

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RICHARD E. LEONARD
EXECUTIVE ENGINEER

B. H. SWINBURNE, CHAIRMAN
WILLIAM V. HEREFORD, VICE-CHAIRMAN
FRANCES McCOY, SECRETARY-TREASURER
R. WARD HUNNICUTT, DIRECTOR
KLESTON LAWS, DIRECTOR

Albuquerque Metropolitan Arroyo Flood Control Authority

2600 PROSPECT AVE., N.E.
P. O. BOX 25851 - ALBUQUERQUE, N. M. 87125
TELEPHONE 884-2215

June 14, 1983

TO: Environmental Planning Commission

FROM: AMAFCA D. Sabo

SUBJECT: Z-81-97-1, Lots 15 and 16, Blk. 22, Tract A, Unit A, North Albuquerque Acres

AMAFCA has reviewed the conceptual grading and drainage plan submitted by MSM Consulting Engineers.

We are willing to accept the drainage at the location shown on the plan dated April 30, 1983, subject to reimbursement for the outfall and rundown into the Arroyo de Domingo Baca.

ic
cc: Brian Burnett
Gene Mares

25×10

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THE FOLLOWING DOCUMENT IS FILMED IN PARTS

25×10

C33-195

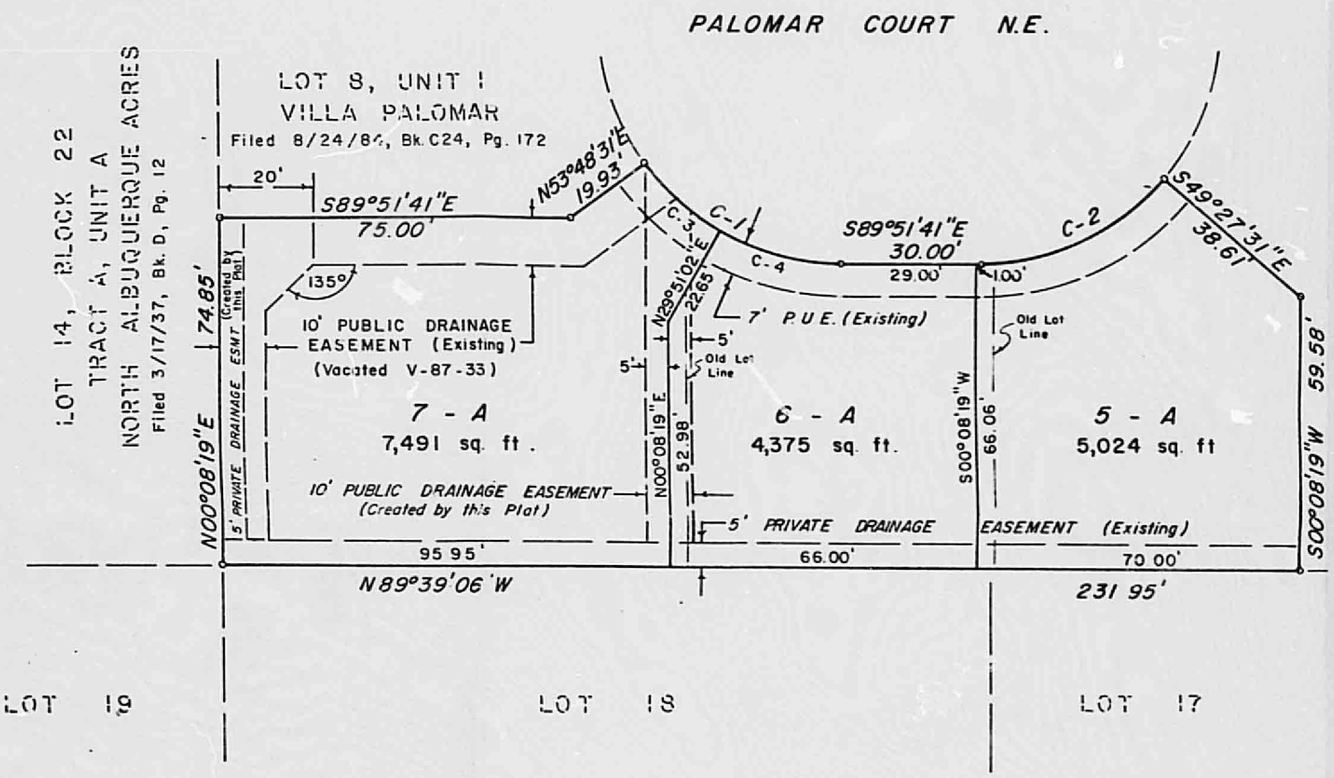
SP 01-12-810

SCALE: 1" = 30'

30 15 0 10 20 30

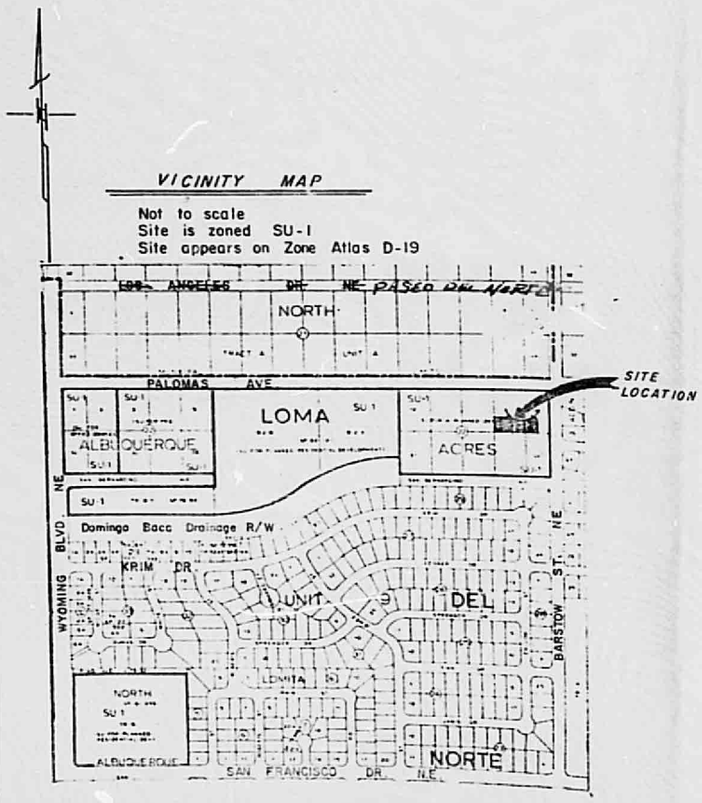
CURVE DATA

Curve No.	Radius	Delta	Length	Chord	Chord Brg.
C-1	52.00'	53°40'12"	48.71'	46.95'	S63°01'35"E
C-2	52.00'	49°35'50"	45.01'	43.62'	N65°20'24"E
C-3	52.00'	23°57'29"	21.74'	21.59'	S48°10'14"E
C-4	52.00'	29°42'43"	26.97'	26.66'	S75°00'20"E



BLOCK 22, TRACT A, UNIT A, NORTH ALBUQUERQUE ACRES

Filed 3/17/37, Bk. D, Pg. 12



25×10 32×10 25×10

C33 - 195

8765167

State of New Mexico)
County of Bernalillo) SS
This instrument was filed for record on
JUN 19 1987 C33
At 11 o'clock A.M. Recorded in Vol 195
of records of said County Folio
By Clerk & Recorder
Deputy Clerk

PLAT OF
LOTS 5-A, 6-A & 7-A
VILLA PALOMAR, UNIT I
Albuquerque, Bernalillo County, New Mexico
(A Replat of Lots 5, 6 & 7)
JANUARY, 1987

DESCRIPTION:

Lots numbered Five (5), Six (6) and Seven (7) of VILLA PALOMAR, UNIT 1, City of Albuquerque, Bernalillo County, New Mexico, as the same are shown and designated on the Plat thereof, filed in the office of the County Clerk of Bernalillo County, New Mexico, on August 24, 1984.

FREE CONSENT, DEDICATION

The undersigned owner(s) and proprietor(s) of the property described hereon, do hereby consent to the replatting of said property as shown on this Plat, and the same is with their free consent and in accordance with their desires.

RICHARD S. HOWELL - OWNER LOT 7-A

MARGARET T. CHAVEZ - OWNER LOTS 5-A & 6-A

ACKNOWLEDGEMENT
STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

On this [illegible] day of February, 1987, the foregoing instrument was acknowledged before me by [illegible]

My commission expires [illegible]

Notary Public

LOT 4, UNIT I
VILLA PALOMAR
Filed 8/24/84,
Bk. C24, Pg 172

SURVEYOR'S CERTIFICATE
I, Verlon E. Hall, New Mexico Registered Land Surveyor No. 3241, do hereby certify that this Plat was prepared by me or under my supervision, shows all easements noted in a title report prepared by First American Title Co. dated February, 1987, meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, and is true and correct to the best of my belief and knowledge.

Verlon E. Hall
Verlon E. Hall, N.M.L.S. No. 3241

ACKNOWLEDGEMENT
STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

On this 17th day of February, 1987, the foregoing instrument was acknowledged before me by Verlon E.Hall, L.S. #3241

My commission expires [illegible]

Notary Public

SP-87-211 APPROVED AND ACCPETED BY:
Subdivision No.

Jack Claud	6/19/87	[illegible]	031687
Planning Director	Date	Chief City Surveyor	Date
[illegible]	6/10/87	Rose Howell	6-19-87
City Engineer	Date	Property Management	Date
[illegible]	6/10/87	Jon E. Ertsgaard	3-17-87
A.M.A.F.R.A.	Date	Water Resources	Date
[illegible]	3-17-87	Janet Saiers	3-17-87
Traffic Engineer	Date	Parks & Recreation	Date

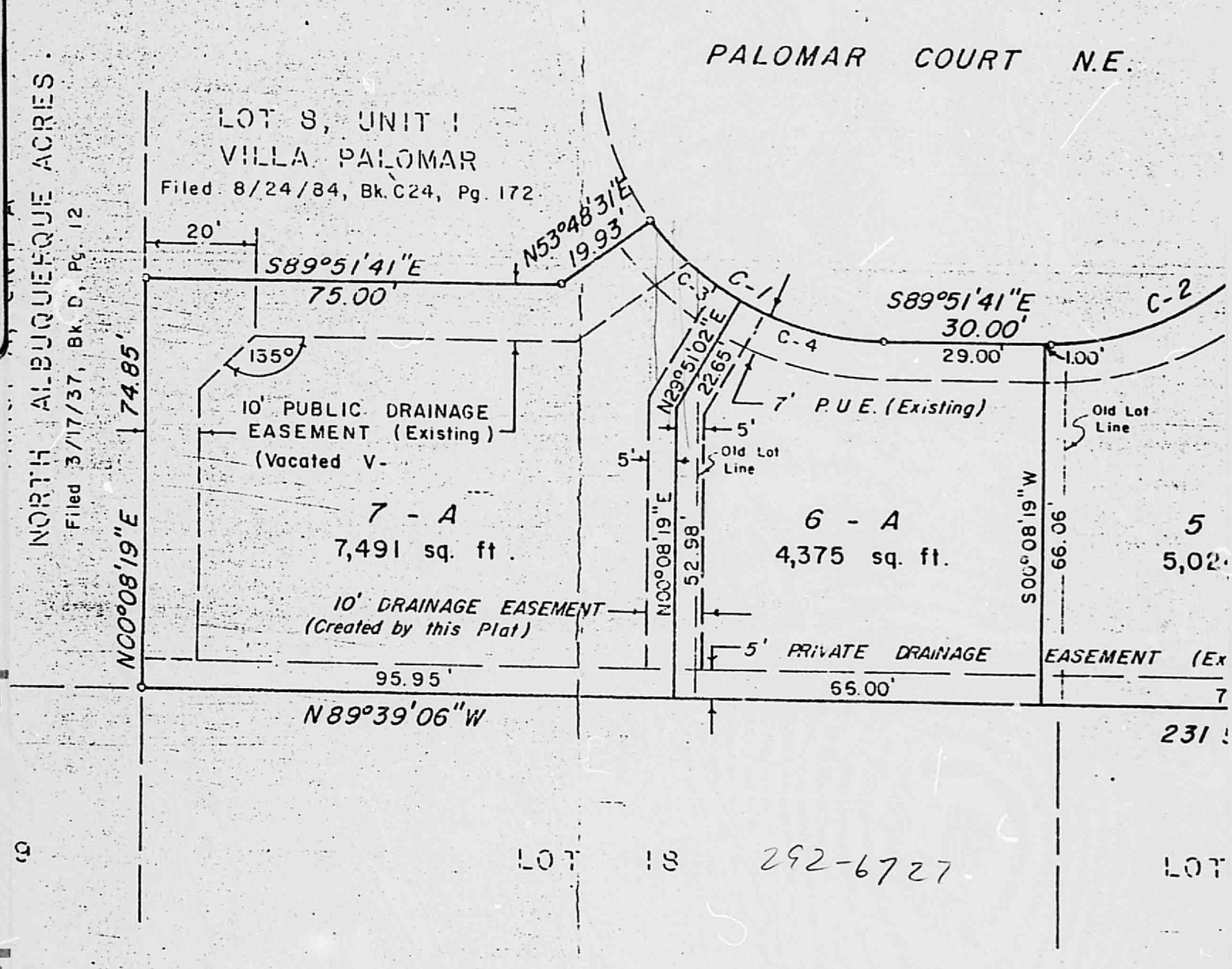
DISCLOSURE STATEMENT
The purpose of this Plat is to Replat Lots 5,6 and 7 of Villa Palomar, Unit 1 filed August 24, 1984 to vacate the Drainage Easement along the North and West sides of Lot 7 and grant the 10 Foot Drainage Easement along the Lot line between Lots 6 and 7 as shown hereon, meeting the required zoning and setback requirements of the Albuquerque Zoning Code. Bearings are from said Plat of VillaPalomar, Unit 1, filed 8/24/84. No field work has been done.

HALL SURVEYING CO.
12805 Menaul Blvd. N.E.
Albuquerque, New Mexico 87112
Phone: (505) 292-6727

S-3394	L. F. N.	1/12/87
Client		

25x10 32x10 25x10

Curve No.	Radius	Delta	Length	Chord	Chord
C - 1	52.00'	53°40'12"	48.71'	46.95'	S63°01'3
C - 2	52.00'	49°35'50"	45.01'	43.62'	N65°20'2
C - 3	52.00'	23°57'29"	21.74'	21.59'	S48°10'1
C - 4	52.00'	29°42'43"	26.97'	26.66'	S75°00'2



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PLANS/PLATS ON FILE

FILE DESC: D19/D13A

PLANS/PLATS 2

25×10

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25×