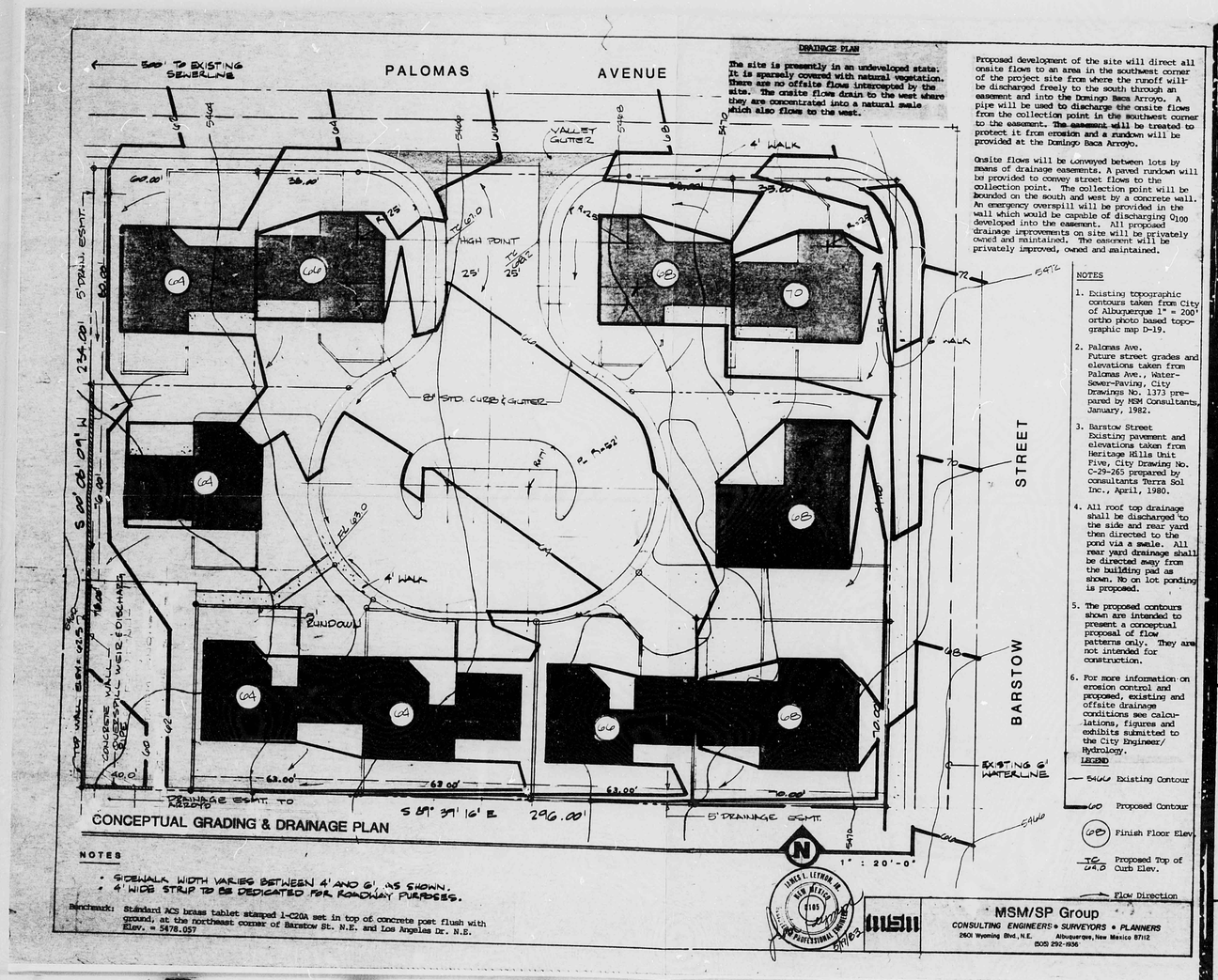
PUBLIC WORKS/HYDROLOGY

D19/D13A



NOTES

- SIDEWALK WIDTH VARIES BETWEEN 4' AND 6', AS SHOWN.
- 4' WIDE STRIP TO BE DEDICATED FOR ROADWAY PURPOSES.

Benchmark: Standard ACS brass tablet stamped 1-C20A set in top of concrete post flush with ground, at the northeast corner of Barstow St. N.E. and Los Angeles Dr. N.E. Elev. = 5478.057

DRAINAGE PLAN

The site is presently in an undeveloped state. It is sparsely covered with natural vegetation. There are no offsite flows intercepted by the site. 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 through an easement and into the Domingo Baca Arroyo. A pipe will be used to discharge the onsite flows from the collection point in the southwest corner to the easement. The easement will be treated to protect it from erosion and a rundown will be provided at the Domingo Baca Arroyo.

Onsite flows will be conveyed between lots by means of drainage easements. A paved rundown will be provided to convey street flows to the collection point. The collection point will be bounded on the south and west by a concrete wall. An emergency overspill will be provided in the wall which would be capable of discharging Q_{100} developed into the easement. All proposed drainage improvements on site will be privately owned and maintained. The easement will be privately improved, owned and maintained.

NOTES

1. Existing topographic contours taken from City of Albuquerque 1" = 200' ortho photo based topographic map D-19.
2. Palomas Ave. Future street grades and elevations taken from Palomas Ave., Water-Sewer-Paving, City Drawings No. 1373 prepared by MSM Consultants, January, 1982.
3. Barstow Street Existing pavement and elevations taken from Heritage Hills Unit Five, City Drawing No. C-29-265 prepared by consultants Terra Sol Inc., April, 1980.
4. All roof top drainage shall be discharged to the side and rear yard then directed to the pond via a swale. All rear yard drainage shall be directed away from the building pad as shown. No on lot ponding is proposed.
5. The proposed contours shown are intended to present a conceptual proposal of flow patterns only. They are not intended for construction.
6. For more information on erosion control and proposed, existing and offsite drainage conditions see calculations, figures and exhibits submitted to the City Engineer/ Hydrology.

LEGEND

- 5400 Existing Contour
- 60 Proposed Contour
- 68 Finish Floor Elev.
- TC 68.0 Proposed Top of Curb Elev.
- Flow Direction

MSM/SP Group
CONSULTING ENGINEERS • SURVEYORS • PLANNERS
2601 Wyoming Blvd., N.E. Albuquerque, New Mexico 87112 (505) 292-1936

LINES L. LITRAN JR. NEW MEXICO 7105 PROFESSIONAL ENGINEER 5/7/82

VILLA PALOMAR

MARIE WATKINS · DESIGNER
1209 GRAND NE
ALBUQ., N. MEX. 87106

DRAWN BY: DFLYN
DATE: 30 APR 1983
REVISIONS:

SHEET 4 OF 4

PLAN SHOT TWICE
ONCE ON LIGHT
ONCE ON DARK

PLANS/PLATS ON FILE

FILE DESC: D19/D13A

PLANS/PLATS 2

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

R 24 DATE 3-15-02 OP ESP

CITY OF ALBUQUERQUE

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DIRECTOR

NOTARY PUBLIC

OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 07/07/02

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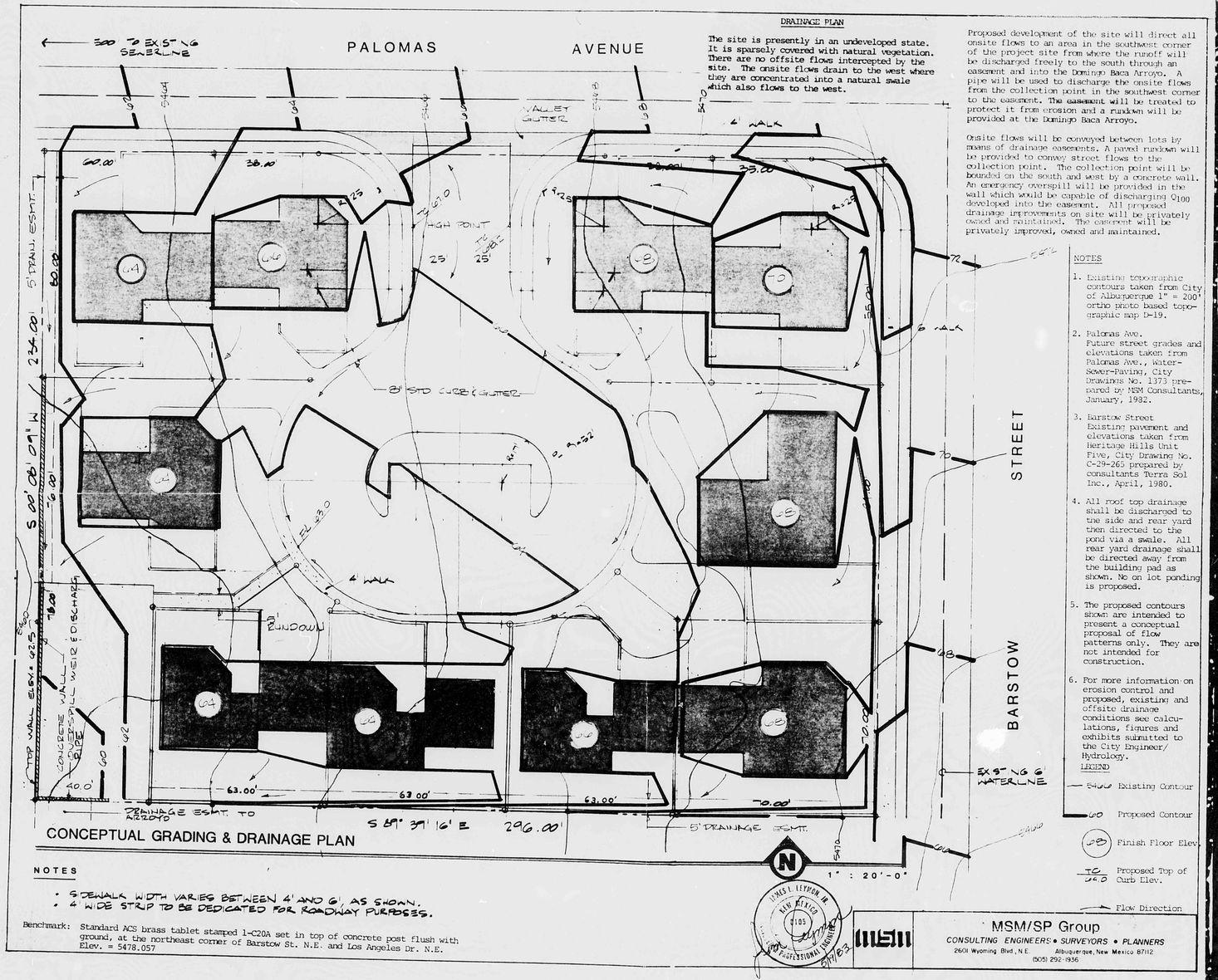
CITY OF ALBUQUERQUE C D



CONCEPTUAL GRADING & DRAINAGE PLAN

NOTES

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6. For more information on erosion control and proposed, existing and offsite drainage conditions see calculations, figures and exhibits submitted to the City Engineer/Hydrology.

LEGEND

- 5400 Existing Contour
- 60 Proposed Contour
- (68) Finish Floor Elev.
- TC 66.0 Proposed Top of Curb Elev.
- Flow Direction

JAMES L. LEYHOW JR. NEW MEXICO 7105 PROFESSIONAL ENGINEER 5/17/83

MSM/SP Group
CONSULTING ENGINEERS • SURVEYORS • PLANNERS
2601 Wyoming Blvd., N.E. Albuquerque, New Mexico 87112 (505) 292-1936

N

DRAWN BY: DJJ
DATE: 20 APR 1983
REVISIONS:

VILLA PALOMAR

MARIE WATKINS · DESIGNER
1209 GRAND NE
ALBUQ., N. MEX. 87106

SHEET 4 OF 4

PLAN SHOT TWICE
ONCE ON LIGHT
ONCE ON DARK

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Thomas T. Kelly 1/15/02
DIRECTOR

Roberta Duran
NOTARY PUBLIC

OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
STATE OF NEW MEXICO
07/03/02

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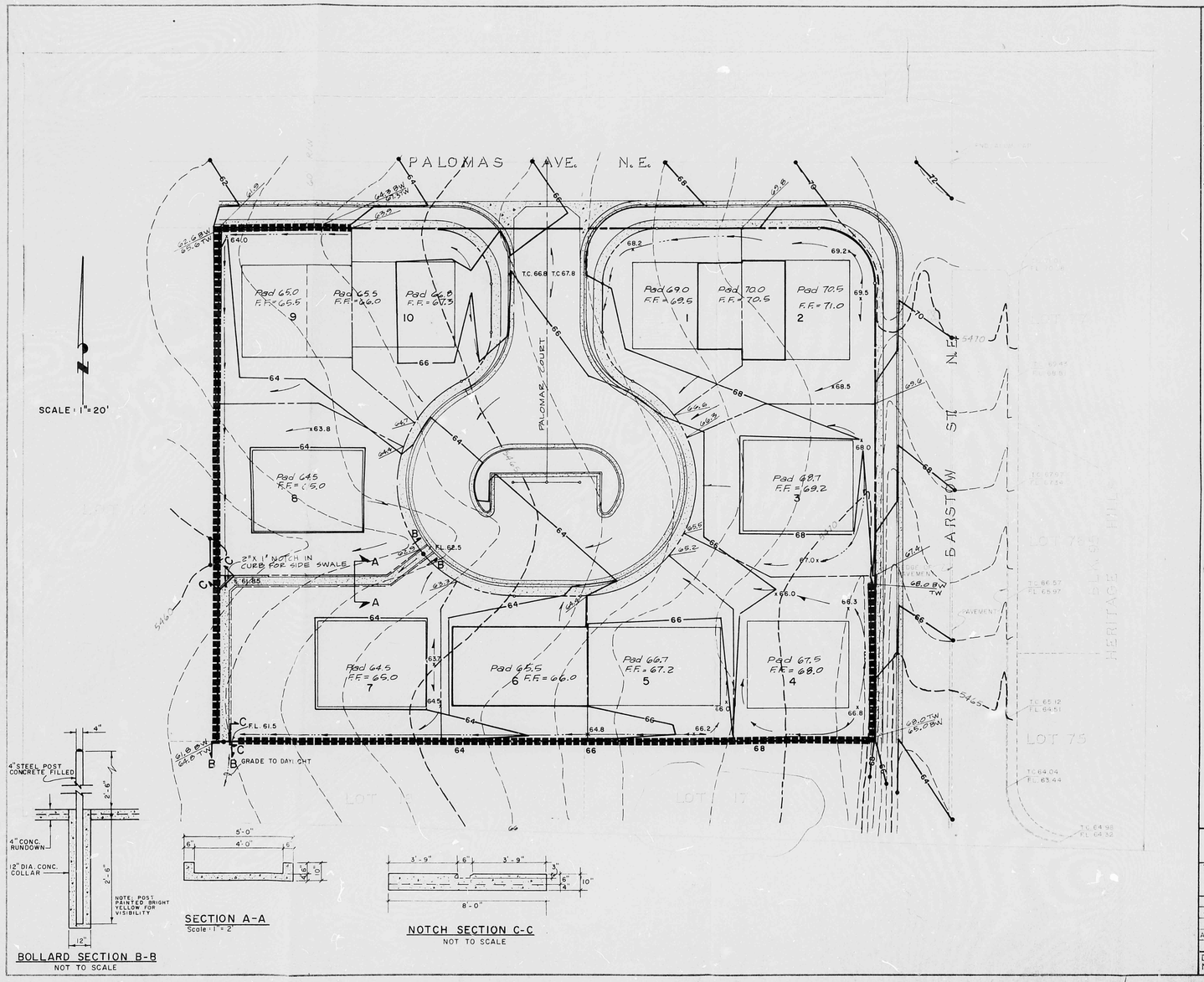
C20 B16 A12

CITY OF ALBUQUERQUE C



Erosion Control:
Contractor Shall Construct A Temporary Earth Berm Along the Boundary of the Site on the West And South Sides. The Berm Shall be 12' In Width at its Base, 18" High With 2:1 Side Slopes And 6' In Width At its Top. The Berm Shall Be Constructed of Clean Earth Material And Compacted to 90% of Modified Proctor Density. The Berm Shall Be Constructed After the Initial Clearing of The Site And Maintained Througout Construction of Site Improvements. The Berm Shall Be Removed Just Prior to Final Grading.

LEGEND

- Bollard
- Proposed Curb & Gutter
- Concrete Rundown
- Grass Lined Channel
- x64.5 Proposed Spot Elev.
- Exist. Contour
- Proposed Contour
- Proposed Conc. Block Wall
- Proposed Retaining / Garden Wall
- T.W. Top of Wall
- B.W. Bottom of Wall
- Exist. Curb & Gutter
- Proposed 4' Sidewalk
- Proposed Swale
- General Direction of Flow
- Pad 65.5 Limits & Elev. of Building Pad. Finished Floor to be 0.5' Higher.
- Drainage Basin Boundary
- (3) Analysis Point
- Off-Site Flows
- TC 64.04 / FL 63.44 Exist Top of Curb & Flow Line Elevation

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE
1623	G. SMITH-MSM	9.83
1623	T. ALDRICH-MSM	9.83

BENCH MARKS

City of Albuquerque Station - "Heaven" Located at the Entrance Way to the Gate of Heaven Cemetery. Station Mark is a Standard USC & GS Brass Tablet Stamped "Heaven 1943". Set in top of a Concrete Post Flush with the Ground. Elevation = 5318.79

AS BUILT INFORMATION

CONTRACTOR	DATE
FIELD VERIFIED BY	DATE
INSPECTED BY	DATE
FINAL INSPECTION BY	DATE
DRAWINGS CERTIFIED BY	DATE

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL
DAVID B. HOLSTEAD No. 7248 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	MSM/SP GROUP	2-84
DRAWN BY	MSM/SP GROUP	2-84
CHECKED BY	MSM/SP GROUP	2-84

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: VILLA PALOMAR GRADING PLAN

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

DRAWING NO.	MAP NO.	SHEET	OF
2072	D-19	3	5

069D372

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R# 324 DATE 3.15.02 OP. SP

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DIRECTOR

NOTARY PUBLIC
OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
07/02/02

D 24 C 20 B 16 A 12 | CITY OF ALBUQUERQUE C D