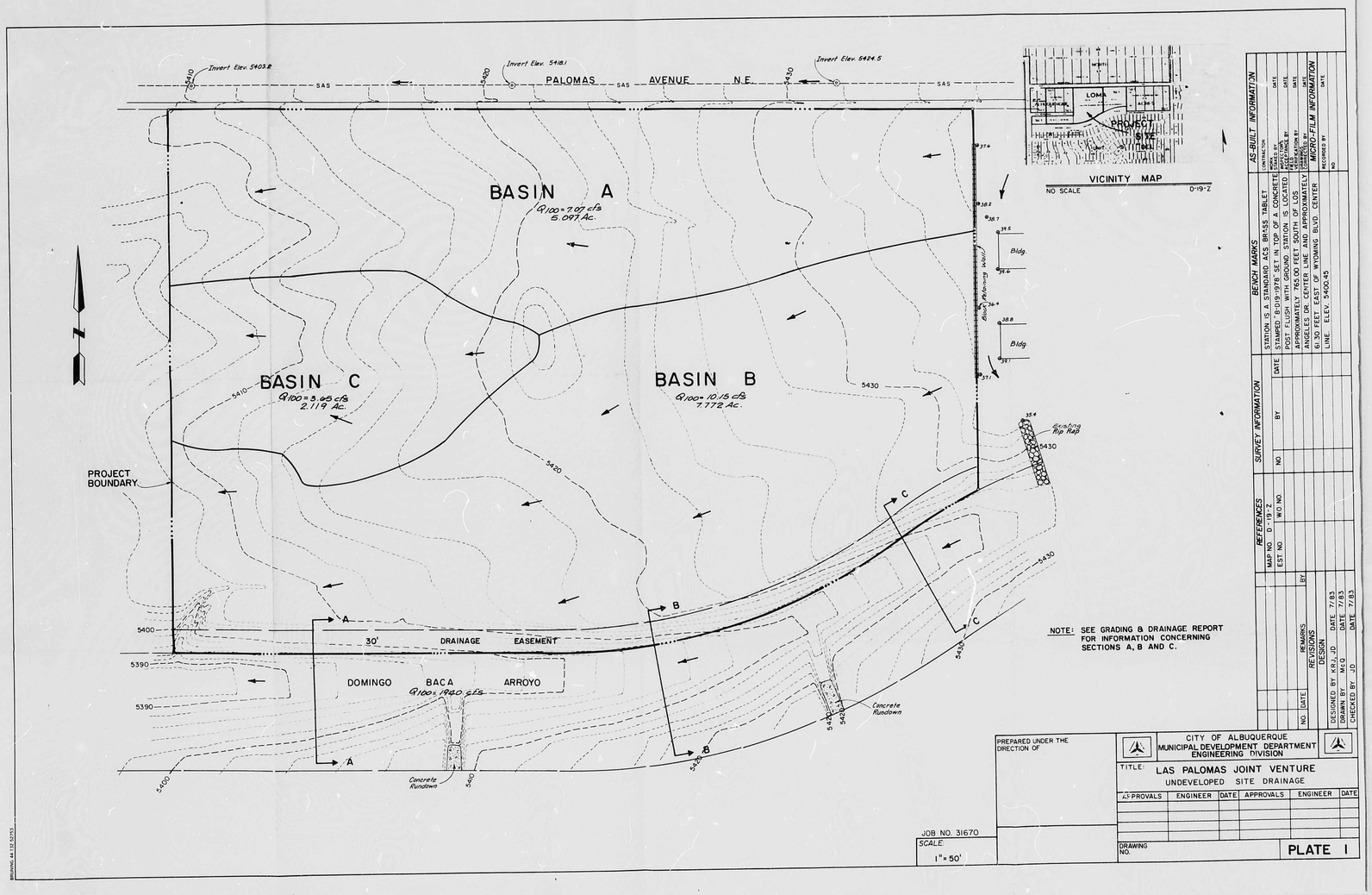
PUBLIC WORKS/HYDROLOGY

D19/D15A



R# 24 DATE 7-15-02 OP ESP

CITY OF ALBUQUERQUE

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The photographic process used meets the Basic Microfilm Standards of the National Micrographic Association (MS1A5-1977)

DIRECTOR 7/15/02

NOTARY PUBLIC

OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
07/02/02

CITY OF ALBUQUERQUE
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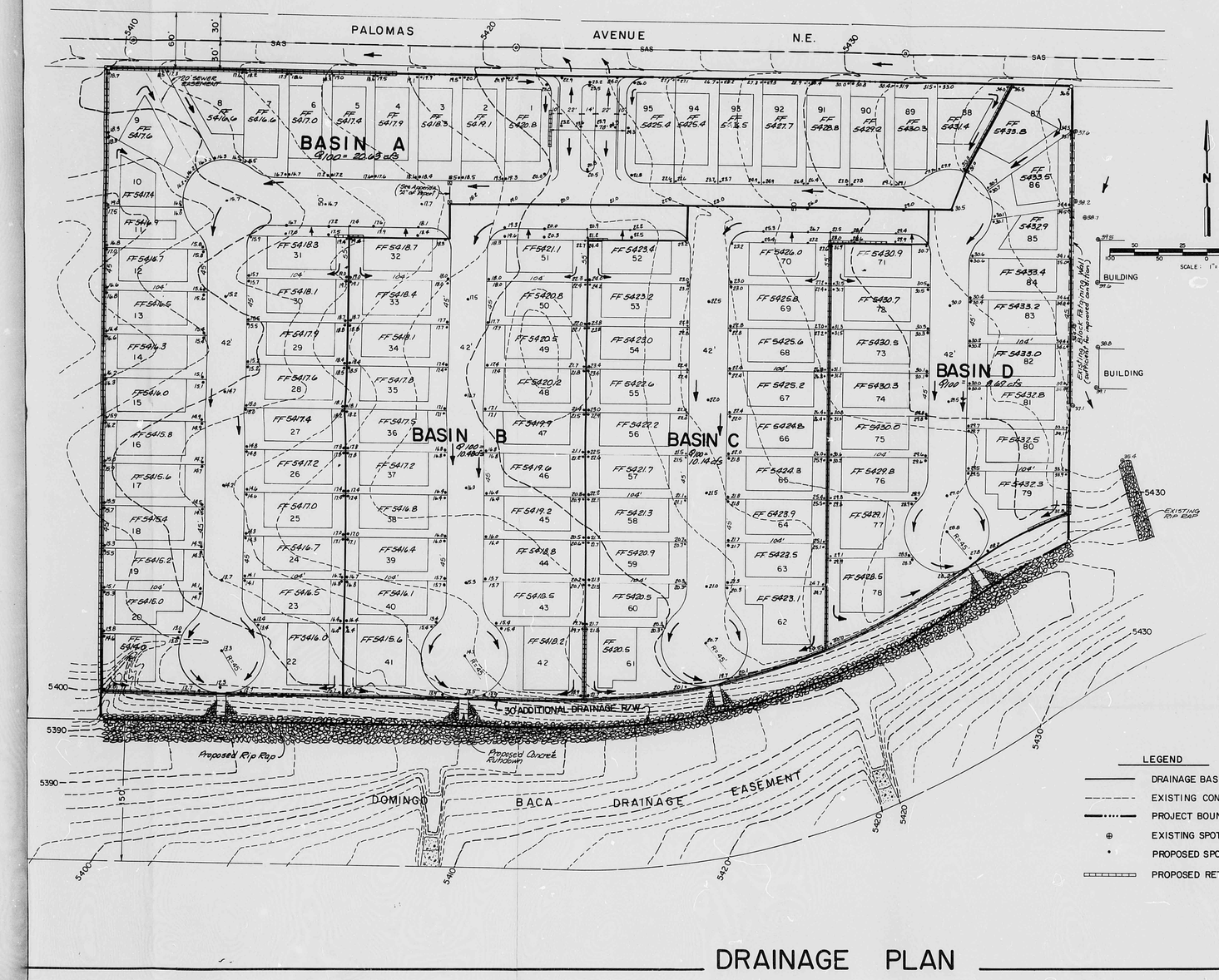
PLANS/PLATS ON FILE

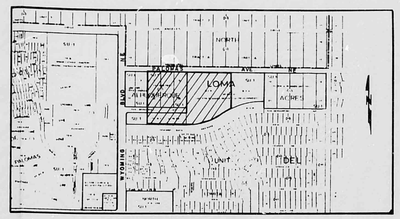
FILE DESC: D19/D15A

PLANS/PLATS 4

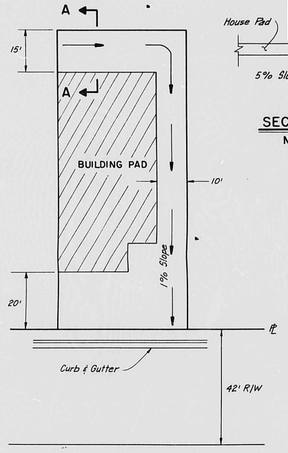
E 30 D 24 C 20 B 16 A 12 CITY OF ALBUQERQUE C D F



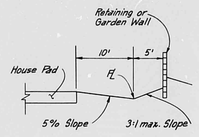
DRAINAGE PLAN



VICINITY MAP
NO SCALE D-19-Z



TYPICAL LOT DRAINAGE
NO SCALE



SECTION A-A
NO SCALE

NOTES:
1. Block walls to be constructed between all lots. Retaining walls needed as shown.
2. Streets to be 32' in width, paved in conformance with City standards.
3. No retention of storm water on individual lots is required.

CONCEPTUAL GRADING AND DRAINAGE PLAN

Project No. 31670

PLATE 2

LAS PALOMAS JOINT VENTURE

Job No. 31670
Drawn By McQ Date 7/83
Checked By JD Scale 1" = 50'

CITY OF ALBUQUERQUE
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R# 24 DATE 3-15-02 OP ESP

CITY OF ALBUQUERQUE

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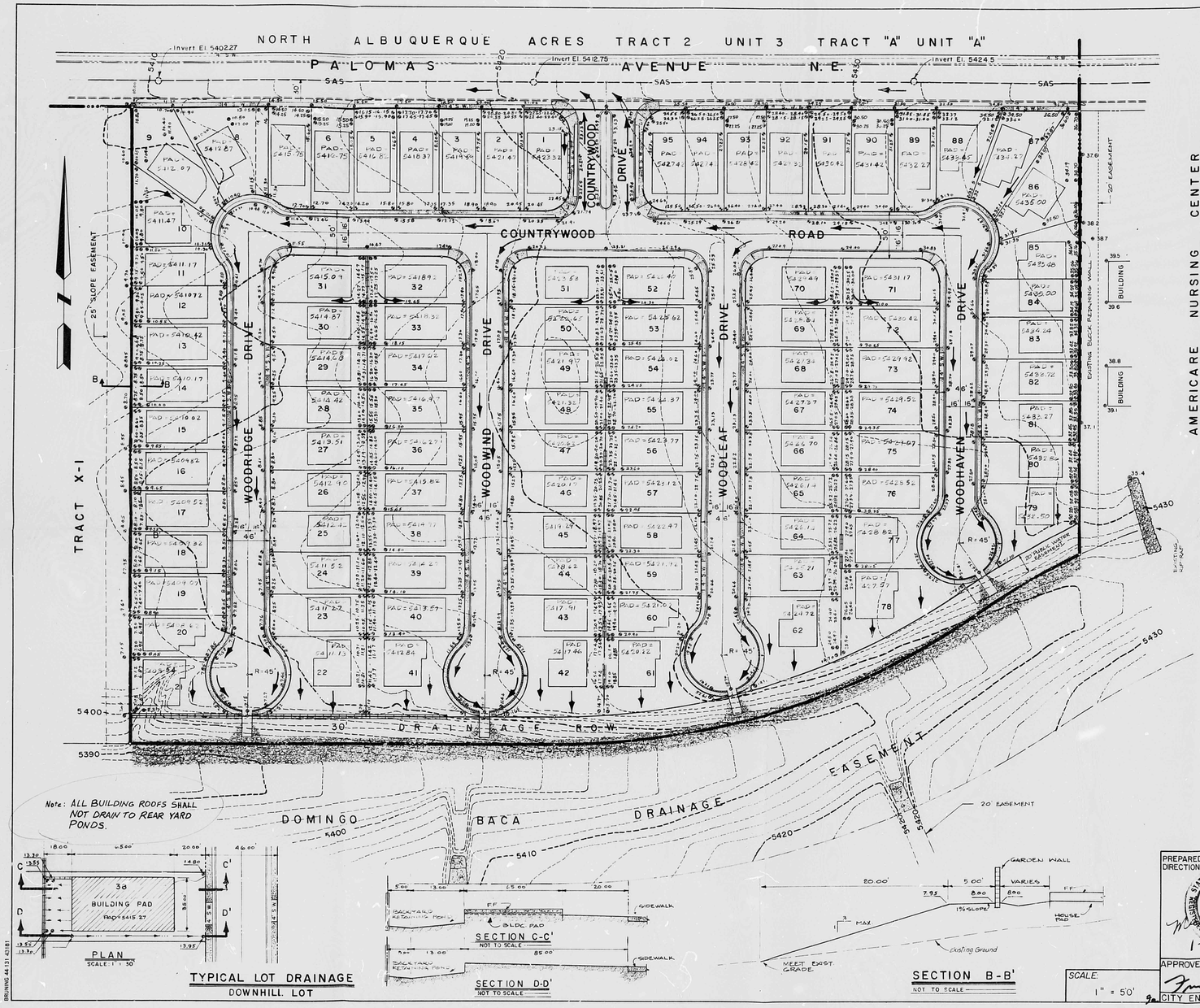
DIRECTOR

NOTARY PUBLIC

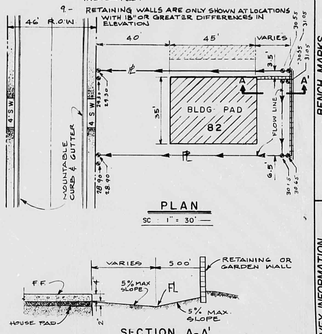
OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 07/03/02

D 24 C 20 B 16 A 12 CITY OF ALBUQERQUE C D



NOTES :

1. NO FROZEN MATERIAL SHALL BE PLACED IN FILL.
2. ALL MATERIAL PLACED IN FILL SHALL HAVE BEEN EXCAVATED ON THIS PROJECT OR FROM AN APPROVED BORROW AREA.
3. MATERIAL UNSUITABLE FOR FILL SHALL BE REMOVED FROM THE SITE.
4. PRIOR TO GRADING, THE EXISTING SURFACE OF AREAS TO BE GRADED SHALL BE STRIPPED OF ORGANIC MATTER. THESE STRIPPINGS MAY BE PLACED IN TEMPORARY DIVERSION BERMS OR IN LANDSCAPE BERMS. ALL OTHER AREAS SHALL REMAIN UNDISTURBED.
5. SLOPES SHALL NOT EXCEED 3:1 (HORIZ. : VERTICAL).
6. SUBGRADE TOLERANCE ON ALL AREAS SHALL BE ±0.3'.
7. GRADING OPERATIONS SHALL BE PERFORMED IN A MANNER WHICH MEETS ALL CURRENT CITY, STATE AND FEDERAL DUST CONTROL REGULATIONS.
8. THE CONTRACTOR SHALL NOT DISTURB THE AREAS IN WHICH NO GRADING IS INDICATED.
9. RETAINING WALLS ARE ONLY SHOWN AT LOCATIONS WITH 18" OR GREATER DIFFERENCES IN ELEVATION.



TYPICAL LOT DRAINAGE
UPHILL LOT

LEGEND :

- EXISTING CONTOUR
- PROJECT BOUNDARY
- EXISTING SPOT ELEV.
- PROPOSED SPOT ELEV.
- EXISTING BLOCK RETAINING WALL
- PROPOSED BLOCK RETAINING WALL
- EXISTING CURB AND GUTTER
- FUTURE CURB AND GUTTER
- PROP'D MOUNTABLE CURB & GUTTER
- PROPOSED SIDEWALK
- FUTURE SIDEWALK
- DIRECTION OF FLOW
- PROPOSED STANDARD CURB AND GUTTER

AMERICARE NURSING CENTER

REFERENCES			SURVEY INFORMATION			AS-BUILT INFORMATION	
MAP NO.	W.O. NO.		NO.	BY	DATE	CONTRACTOR	
EST. NO.						WORK STAKED BY	DATE
						INSPECTOR'S ACCEPTANCE BY	DATE
						FIELD VERIFICATION BY	DATE
						DRAWINGS CORRECTED BY	DATE
						MICRO-FILM INFORMATION	
						RECORDED BY	DATE
						NO.	

BENCH MARKS

THE STATION MARK IS A STANDARD ACS BRASS TABLET STAMPED "B-D19-1976" SET IN TOP OF A CONCRETE POST FLUSH WITH GROUND. 765' SOUTH OF LOS ANGELES DRIVE AND 61.3' EAST OF WYOMING BOULEVARD CENTERLINES.
ELEV. = 5400.41

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY ____ DATE ____
DRAWN BY ____ DATE ____
CHECKED BY ____ DATE ____

PREPARED UNDER THE DIRECTION OF: MICHAEL M. EMERY, NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 5151 — 1-10-84

APPROVED FOR ROUGH GRADING: CITY ENGINEER — DATE 1/30/84

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: COUNTRYWOOD SUBDIVISION
GRADING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.-Design			Traffic	Wesley Hausman	1/16/84
A.C.E.-Hydrology		3/21/84	Water		

DRAWING NO. 2055 (D19-D15A) SHEET 3 OF 13

RECEIVED MAR 22 1984 HYDROLOGY SECTION

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R# 24 DATE 3-15-02 OP ESP

CITY OF ALBUQUERQUE

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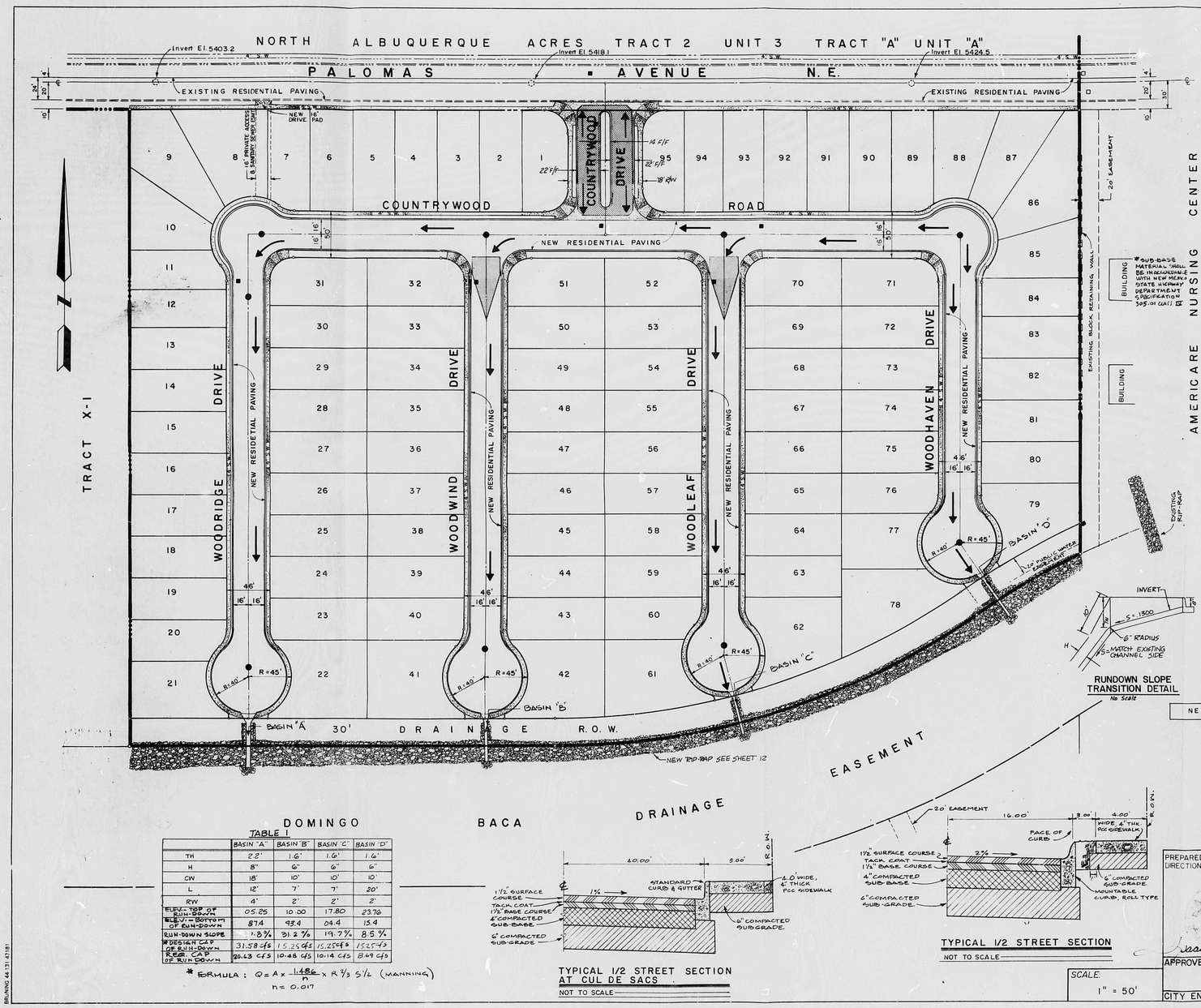
DIRECTOR

NOTARY PUBLIC

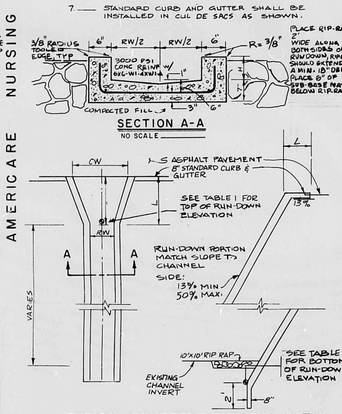
OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
STATE OF NEW MEXICO
07/02/02

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



NOTES:

1. STREETS WITHIN THE PROJECT SHALL BE RESIDENTIAL PAVEMENT WITH ROLL TYPE MOUNTABLE CURB 32' FACE TO FACE EXCEPT AS SHOWN.
2. ALL RETURNS WITHIN THE PROJECT SHALL HAVE A 25' RADIUS, UNLESS OTHERWISE NOTED.
3. STREETS SHALL BE GRADED TO FINISHED GRADE ± 1'-0" PRIOR TO INSTALLATION OF UTILITIES.
4. ALL IMPROVEMENTS TO PUBLIC STREETS SHALL BE MAINTAINED BY THE CITY OF ALBUQUERQUE.
5. THE CONTRACTOR MUST SUBMIT A BARRICADING AND TRAFFIC HANDLING PLAN TO THE TRAFFIC ENGINEER AND RECEIVE APPROVAL PRIOR TO STARTING CONSTRUCTION WITHIN PALOMAS AVE AND WYOMING.
6. 4 FT. CONCRETE SIDEWALKS SHALL BE INSTALLED IN ALL LOCATIONS SHOWN.
7. STANDARD CURB AND GUTTER SHALL BE INSTALLED IN CUL DE SACS AS SHOWN.



LEGEND:

- PROPOSED VALVE BOX
- EXISTING VALVE BOX
- PROPOSED S.A.S. MANHOLE
- EXISTING S.A.S. MANHOLE
- CROWN FLATTING
- RESIDENTIAL PAVING (NEW / EXISTING)
- PROPOSED STANDARD CURB AND GUTTER
- PROPOSED MOUNTABLE CURB ROLL TYPE
- DIRECTION OF FLOW

DOMINGO BACA DRAINAGE EASEMENT

TABLE I

	BASIN "A"	BASIN "B"	BASIN "C"	BASIN "D"
TH	2.2'	1.6'	1.6'	1.6'
H	8"	6"	6"	6"
CW	18'	10'	10'	10'
L	12'	7'	7'	20'
RW	4'	2'	2'	2'
ELEV. TOP OF RUN-DOWN	05.25	10.00	17.80	23.76
ELEV. BOTTOM OF RUN-DOWN	87.4	93.4	04.4	15.4
RUN-DOWN SLOPE	1.8%	31.2%	19.7%	8.5%
*DESIGN CAP OF RUN-DOWN	31.58 cfs	15.25 cfs	15.25 cfs	15.25 cfs
REQ. CAP OF RUN-DOWN	20.63 CFS	10.48 CFS	10.14 CFS	8.49 CFS

* FORMULA: $Q = A \times \frac{1.486}{n} \times R^{2/3} S^{1/2}$ (MANNING)

n = 0.017

TYPICAL 1/2 STREET SECTION AT CUL DE SACS

NOT TO SCALE

TYPICAL 1/2 STREET SECTION

NOT TO SCALE

SCALE: 1" = 50'

PREPARED UNDER THE DIRECTION OF

Isaac J. Pino 1/19/84

APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: COUNTRYWOOD SUBDIVISION PAVING AND DRAINAGE DESIGN

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

DRAWING NO. 2055 HYDROLOGY SECTION SHEET 4 OF 13

AS-BUILT INFORMATION

CONTRACTOR
WORK STAKED BY DATE
INSPECTORS ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

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SURVEY INFORMATION

NO.	BY	DATE

REFERENCES

MAP NO.	W.O. NO.
D-19	
EST. NO.	
1	EY

NO.	DATE	REMARKS
		REVISIONS

DESIGNED BY R.S. DATE
DRAWN BY V.M.R. DATE
CHECKED BY R.E.L. DATE

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DIRECTOR

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

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