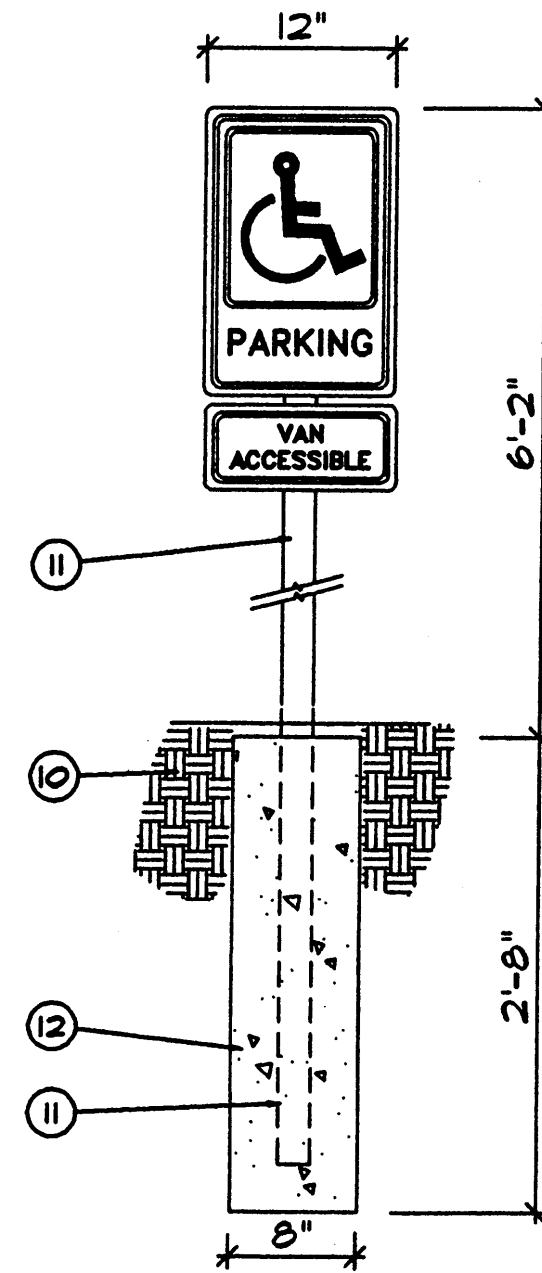
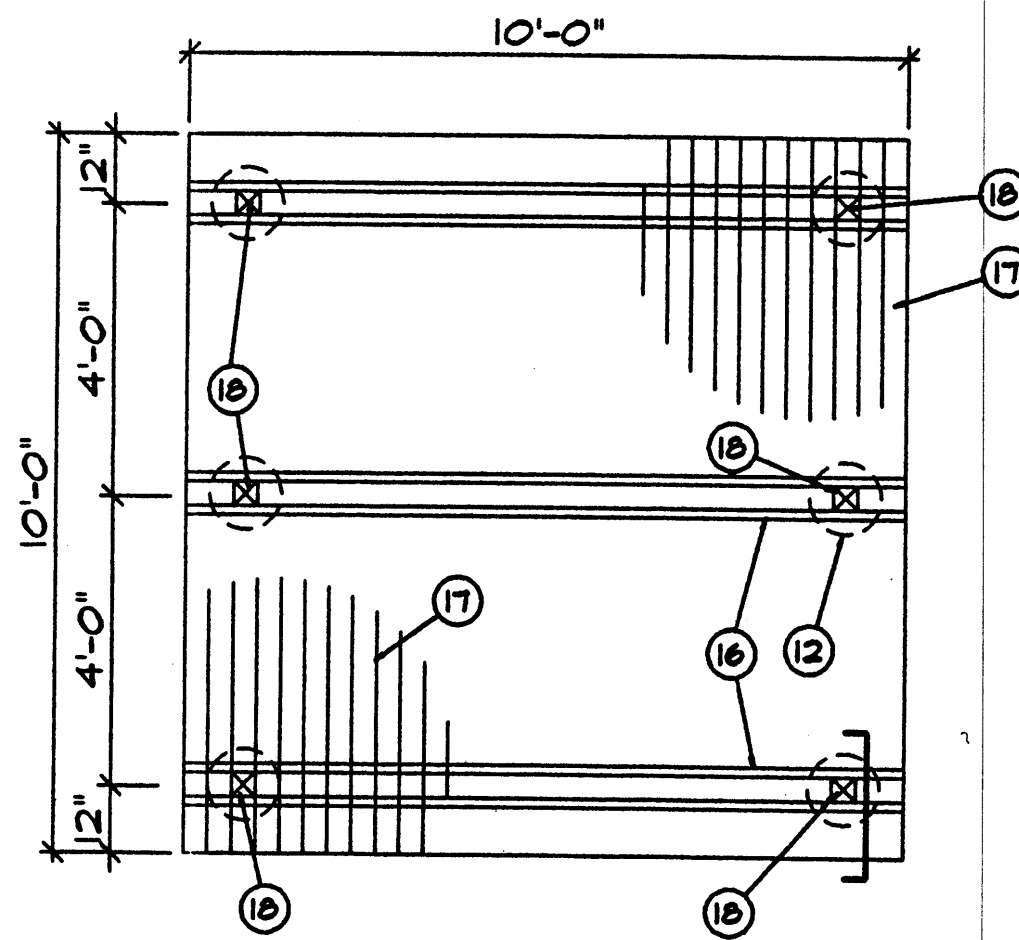


A. TRIPLEX COMPOUND

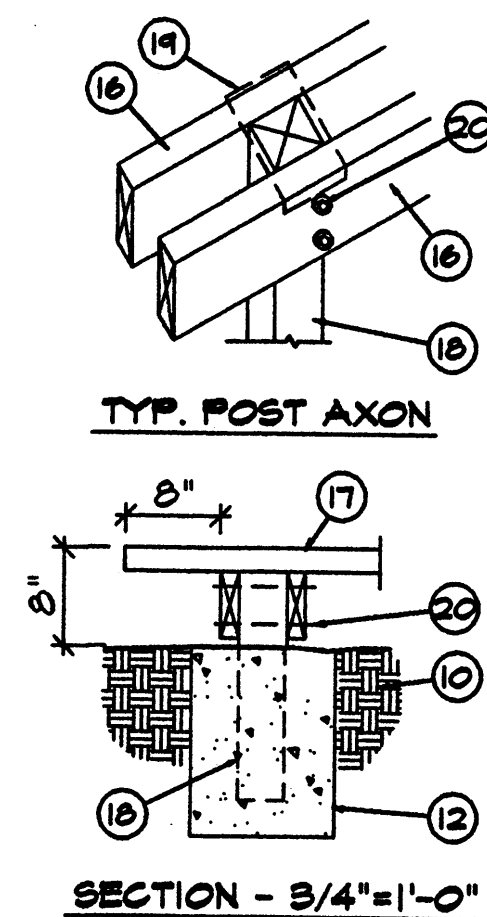
309 TENNESSEE SE, ALBUQUERQUE, NEW MEXICO



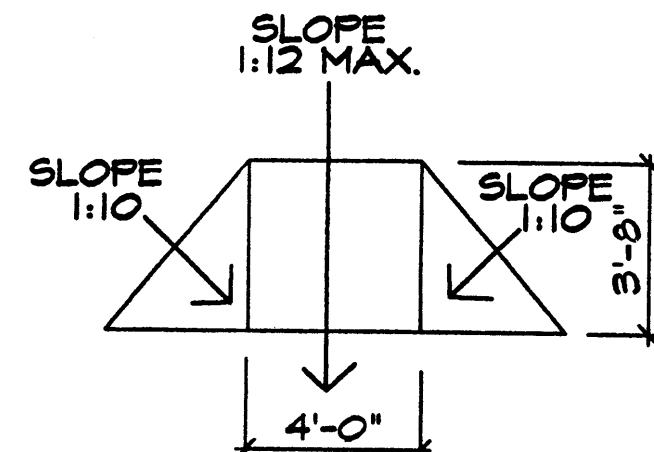
1 H.C. PARK. SIGN.
NOT TO SCALE



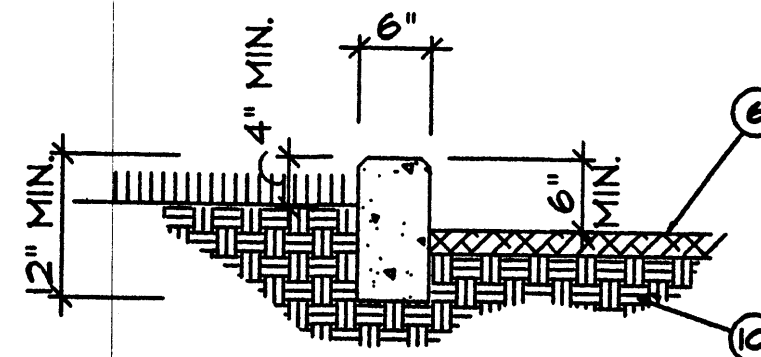
2 PATIO DECK, TYPICAL
SCALE: 3/8"=1'-0"



SECTION - 3/4"=1'-0"

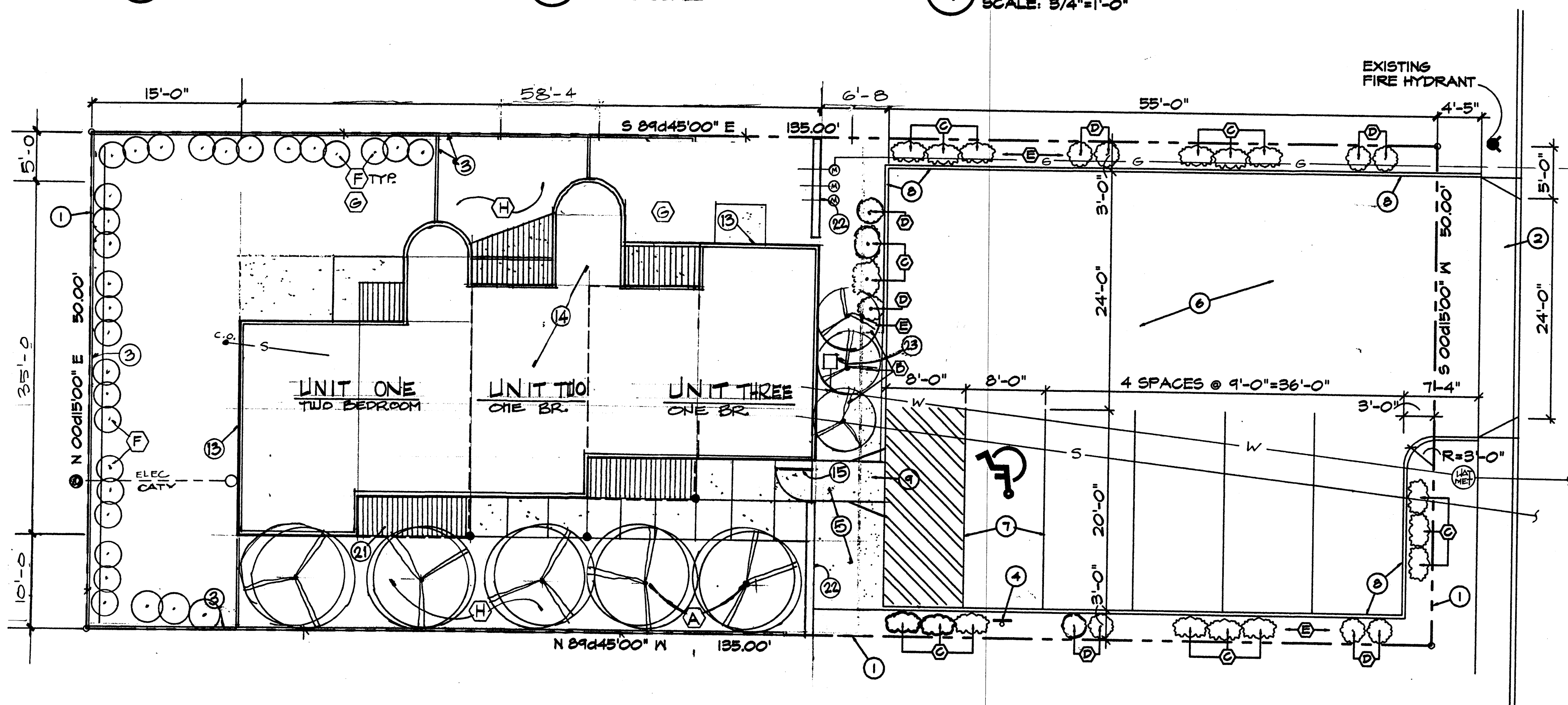


3 CONCRETE RAMP
NOT TO SCALE



4 CONCRETE CURB
SCALE: 3/4"=1'-0"

Symbol	Quan.	Common Name	Botanical Name	Size
A	5	GREEN ASH	FRAXINUS PENNSYLVANICA	1 1/2" DIA.
B	3	PURPLE LEAF PLUM	PRUNUS CERASIFERA 'ATROPURPUREA'	1 1/2" DIA.
C	10	TAM JUNIPER	JUNIPERUS SABINA 'TAHARISIFOLIA'	5 GAL.
D	10	EVERGREEN EUCALYPTUS	EUCALYPTUS JAPONICA	5 GAL.
E	-	BARK MULCH GROUND COVER		
F	-	FIRETHORN	PYRACANTHA lalandii	1 GAL.
G	-	BLUE GRAMA	BOUTELOUA gracilis	SEED
H	-	ICE PLANT	DELOSPHERIA nubigenum	SEED



SITE PLAN LANDSCAPE PLAN
SCALE: 1/8"=1'-0"

Keyed Notes

- PROPERTY LINE.
- EXISTING CURB CUT AND DRIVE PAD TO REMAIN.
- 6 FT HIGH STEEL PICKET FENCE.
- "VAN ACCESSIBLE" SIGN, SEE DETAIL THIS SHEET.
- NEW 4" CONCRETE SIDEWALK, BROOM FINISH.
- NEW 3" ASPHALT OVER CRUSHER FINES. BASE COURSE ON COMPACTED SUBGRADE.
- PROVIDE STRIPING AND "HC" SYMBOL AS SHOWN.
- NEW 6" CONCRETE CURB, SEE DETAIL THIS SHEET.
- NEW CONCRETE RAMP, SEE DETAIL THIS SHEET.
- COMPACTED SUB GRADE.
- SCHEDULE 40 CONDUIT BENT AS SHOWN.
- CONCRETE BASE.
- LINE OF EXTERIOR WALL.
- ROOF AREA.
- 6 FT. STEEL GATE.
- 2 X 6 PRESSURE TREATED CEDAR JOIST.
- 2 X 4 PLASTIC CEDAR DECK BOARDS.
- 4 X 4 POST.
- GALVANIZED METAL FLASHING.
- THROUGH BOLTS.
- DECK, SEE DETAIL THIS SHEET.
- 5 FT HIGH CMU, STUCCO WALL.
- IRRIGATION SYSTEM CONTROL VAULT, LANDSCAPE CONTRACTOR TO PROVIDE SHOP DRAWINGS OF COMPLETE SYSTEM.

Project Data

ADDRESS: 309 TENNESSEE STREET SE
ALBUQUERQUE, NEW MEXICO

OWNER/CONTRACTOR: MARK HARBERTS
6726 GRACE NE
ALBUQUERQUE, NEW MEXICO 87124

LEGAL DESCRIPTION: LOT NUMBERED FOURTEEN (14), IN BLOCK NUMBERED TWO (2), AS SHOWN AND DESIGNATED ON THE PLAT ENTITLED "CASAS SERENAS", SAID PLAT THEREOF, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON MAY-15, 1946 IN VOLUME: D, FOLIO: 7.

BUILDING AREA: HEATED:
UNIT ONE 770 SQ FT
UNIT TWO 570 SQ FT
UNIT THREE 460 SQ FT
TOTAL 1,800 SQ FT

OCCUPANCY GROUP: R-DIV 1

CONSTRUCTION TYPE: VN

DESIGN DATA: CONCRETE: 3000 PSI
ROOF LOAD: 20 PSF (Live) BS TOTAL
WIND LOAD: 75 mph Exp.C 1991 USC
SOIL BEARING: 1200 PSF
ASSUMED: MIN. "Fb" 1200
LUMBER: "E" 1.1

CITY ZONING: R-2
SPECIAL EXCEPTION NO. ZA 94 295

General Notes

- ALL WORK SHALL BE INSTALLED AND COMPLETED BY THE GENERAL CONTRACTOR IN COMPLETE ACCORDANCE WITH APPLICABLE BUILDING CODES AND LOCAL ORDINANCES INCLUDING UNIFORM BUILDING CODE 1991 EDITION, NEC, UMC, UPC LIFE SAFETY CODE AND NATIONAL FIRE CODE.
- THE GENERAL CONTRACTOR SHALL OBTAIN AND PAY FOR ANY BUILDING PERMITS AS WELL AS ALL LICENSES, DEPOSITS, FEES, AND NOTICES REQUIRED TO COMPLETE THIS PROJECT.
- THE GENERAL CONTRACTOR WILL COORDINATE THE WORK OF ALL SUB-CONTRACTORS. THE GENERAL CONTRACTOR WILL SEE THAT EACH SUB-CONTRACTOR IS FAMILIAR WITH THOSE PARTS OF THE WORK WHICH WILL RELATE TO OTHER SUBCONTRACTORS AND EQUIPMENT INSTALLATIONS.
- THE GENERAL CONTRACTOR WILL LAY OUT WORK FROM THE DATA SHOWN IN THE DRAWINGS AND SHALL BE RESPONSIBLE FOR ALL LINES, ELEVATIONS OF THE BUILDING, GRADING, PAVING, AND UTILITIES.
- THE MECHANICAL DRAWINGS ARE SCHEMATIC IN NATURE. MECHANICAL AND PLUMBING WORK WILL INCLUDE ALL LABOR AND MATERIALS TO PROVIDE A COMPLETE OPERATING SYSTEM IN COMPLIANCE WITH ALL CURRENT CODES.
- THE ELECTRICAL DRAWINGS ARE SCHEMATIC IN NATURE. ELECTRICAL WORK WILL INCLUDE ALL LABOR AND MATERIALS TO PROVIDE A COMPLETE, SAFE AND ACCEPTABLE POWER, LIGHTING, AND TELEPHONE SYSTEM IN ACCORDANCE WITH ALL CURRENT CODES. ALL MATERIALS SHALL BE U.L. APPROVED.
- GENERAL CONTRACTOR SHALL CONFINE ALL CONSTRUCTION ACTIVITY INCLUDING MATERIAL STORAGE TO AREAS ON SITE.
- THE BUILDING DESIGN UTILIZES PRECONSTRUCTED WOOD FRAMED BUILDINGS INCLUDING ALL WALLS AND ROOF CONSTRUCTION.

Index to Drawings

- SHEET 1 SITE / LANDSCAPE PLANS
- SHEET 2 FLOOR PLANS / ELEVATIONS
- SHEET 3 FOUNDATION/ FRAMING PLANS
- SHEET 4 BUILDING SECTIONS
- SHEET 5 SCHEMATIC MECHANICAL PLANS
- SHEET 6 SCHEMATIC ELECTRICAL PLANS

Mark Harberts
ARCHITECT
6726 GRACE NE
ALBUQUERQUE, NM 87124
505-296-8019

Description

RECEIVED
JUN 25 1999
HYDROLOGY SECTION

SITE PLAN

Date MAY 31, 1999

THESE DRAWINGS ARE THE PROPERTY OF THE ARCHITECT. THEY ARE NOT TO BE USED ON OTHER PROJECTS WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.

Sheet

EXISTING	NEW	DESCRIPTION
		CONTOUR
		SPOT ELEVATION
		PROPERTY LINE
		SWALE
		SHEET FLOW
	TA	TOP OF ASPHALT
	TC	TOP OF CURB/CONCRETE
	FL	FLOWLINE
	PP	POWER POLE

BENCH MARK:
City of Albuquerque Control Station 6-K20(R) AGS, located at the southwest corner of Wyoming and Central. Elevation = 5390.74

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Temporary Bench Mark (TBM) located at the intersection of the south property line extended and top of west curb of Tennessee Street and marked with a slash mark. Elevation = 5371.44 feet.

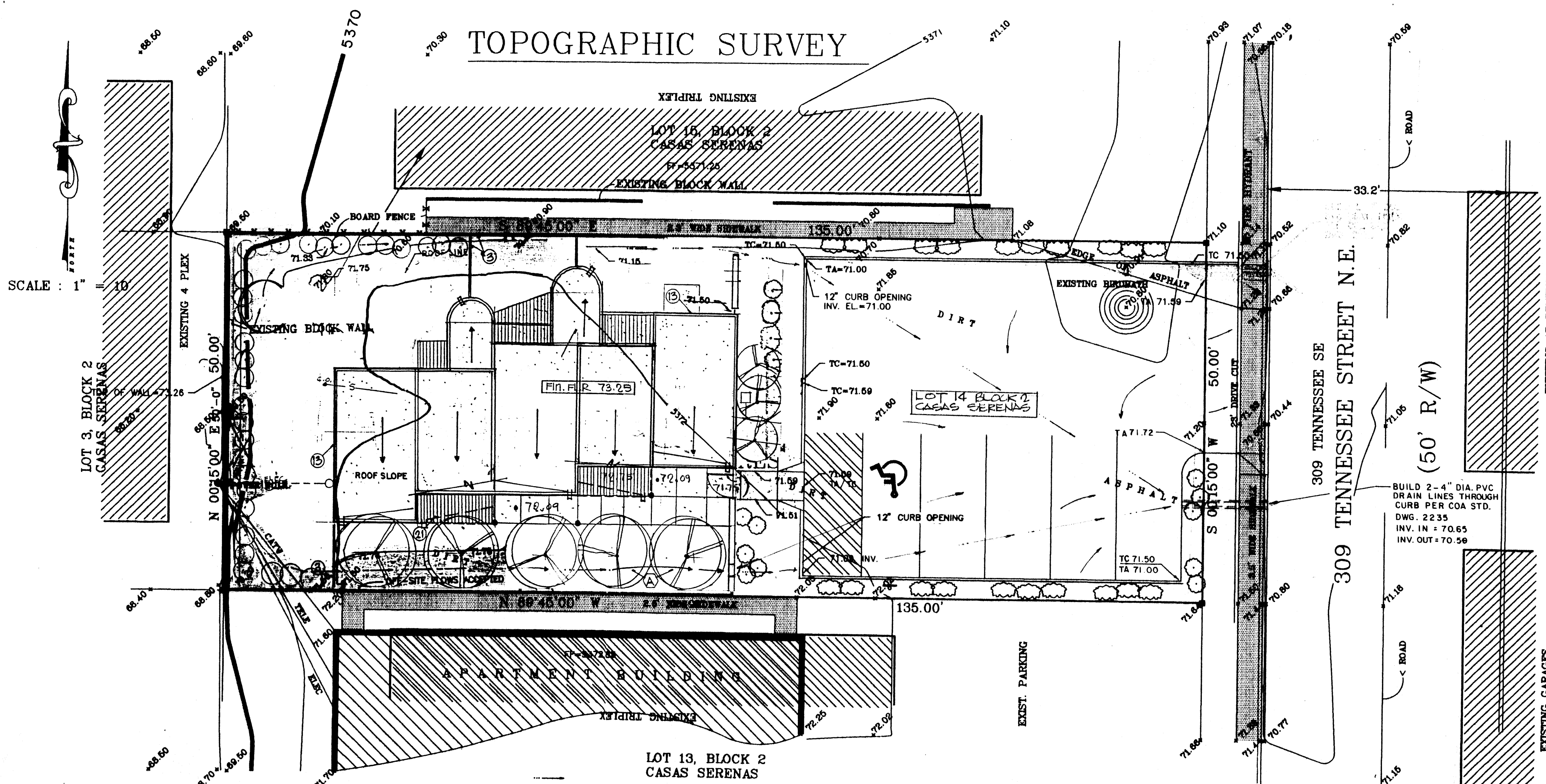
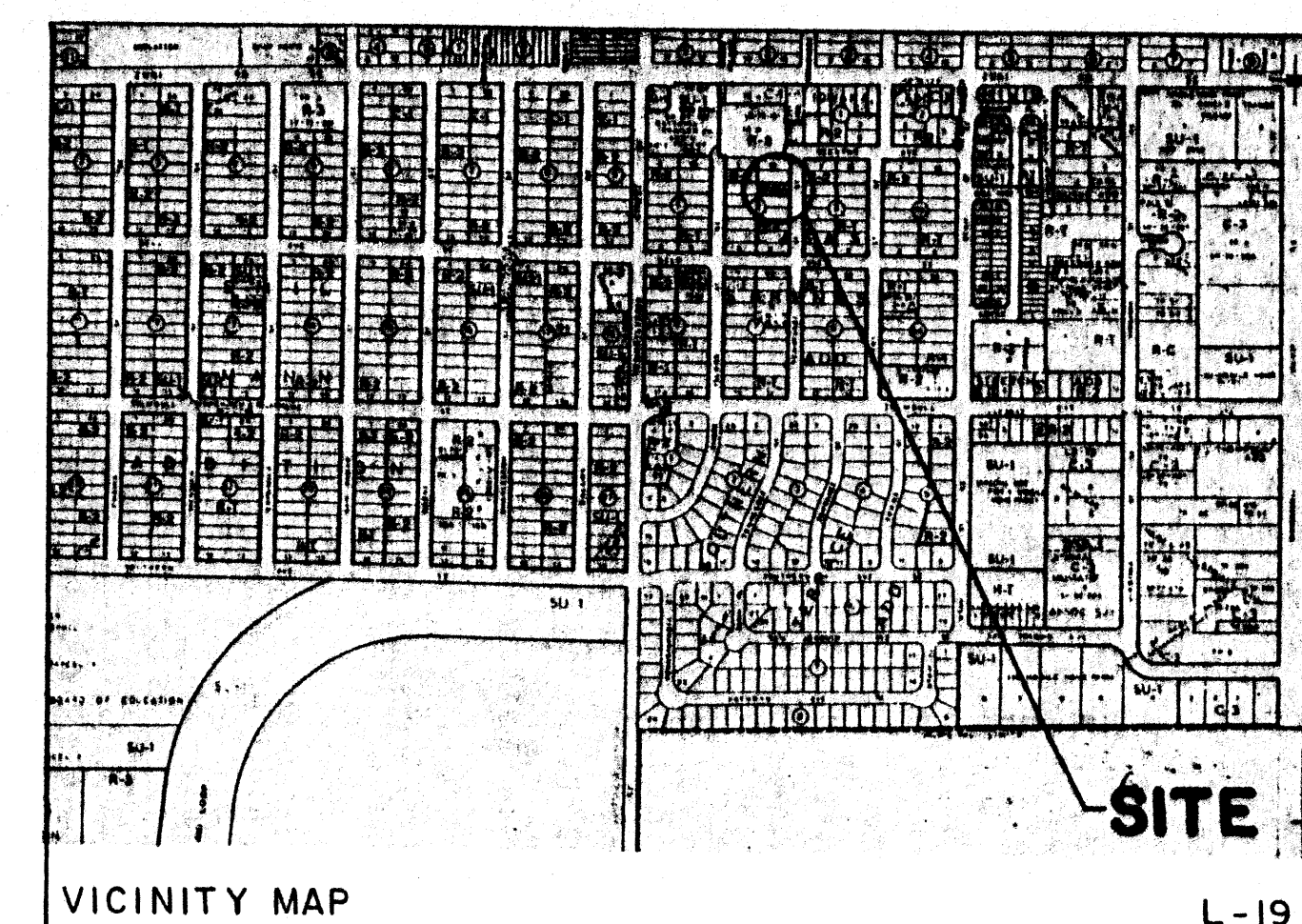
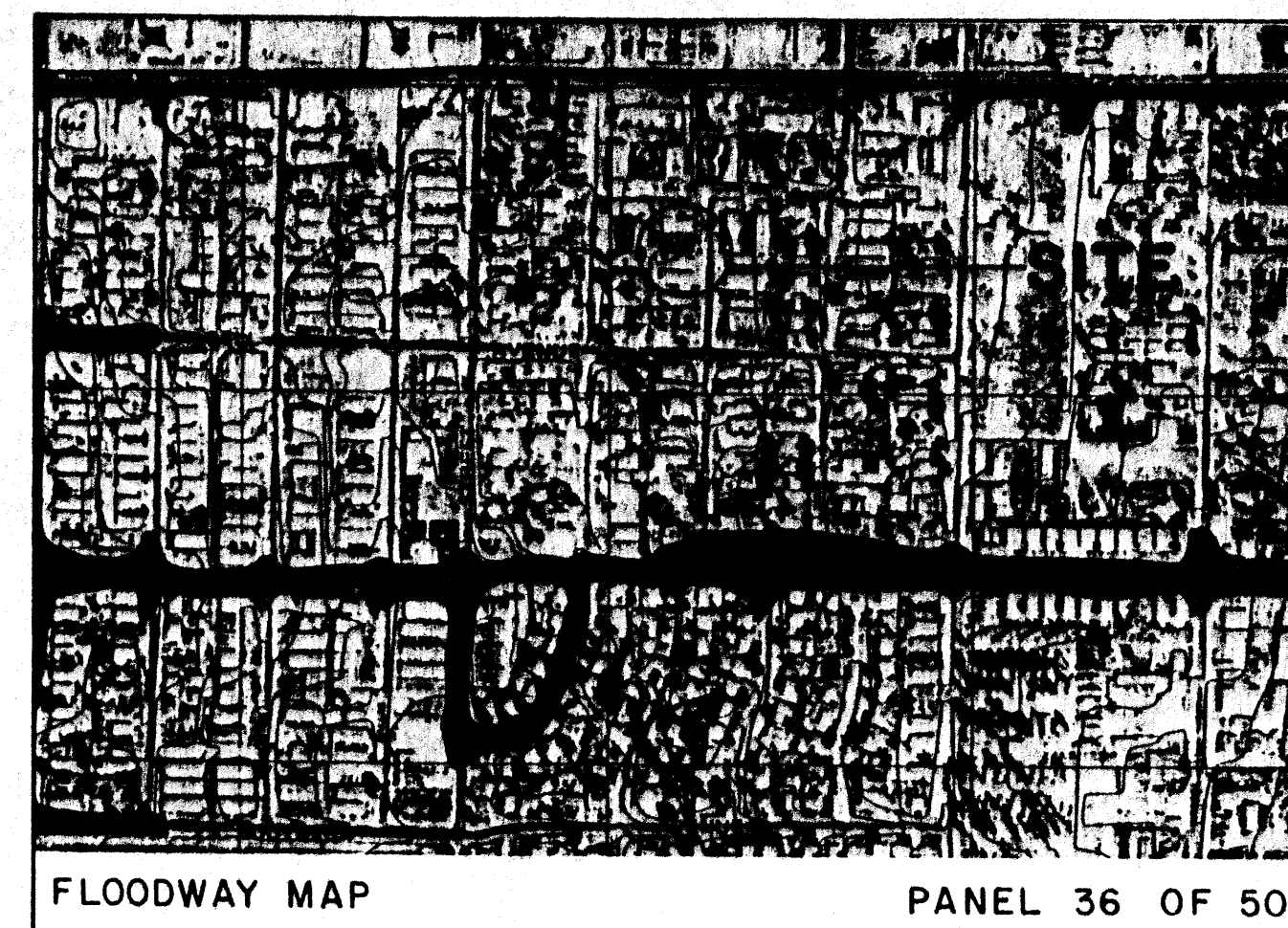
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CITY OF ALBUQUERQUE
DRAINAGE FACILITIES (WETTER CITY RIGHT-OF-WAY (S.D. 19))
NOTICE TO CONTRACTOR

- AN EXCAVATION/CONSTRUCTION, ERECTION, WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
- ALL WORK DETAILED ON THIS PLAN TO BE PERFORMED UNDER CONTRACT, EXCEPT AS STATED OR PROVIDED FOR HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1965, AS REVISED.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
- 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 SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- BACKFILL COMPACTION SHALL BE ACCORDING TO RESIDENTIAL STREET USE.
- MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
- THE ADDRESS OF THE PROPERTY SERVED IS 309 TENNESSEE N.E.

APPROVALS:

HYDROLOGY	NAME	DATE
INSPECTOR	NAME	DATE
CONSTRUCTION	NAME	DATE



EXISTING CONDITIONS:
The site is located on Tennessee Street S.E. between Bell Avenue SE and Decatur Avenue SE, on the west side of the street. The site is the third lot south of Decatur Avenue. The site is presently unimproved. The slope in Tennessee Street is from south to north. There is a 21" RCP storm sewer in Tennessee Street with a single 6" inlet on the west and east side of Tennessee Street at Decatur Avenue. This storm drain connects to the Pennsylvania/Dallas storm drain which empties into the I-40 channel. There are apartments on the north, west and south sides of the site. The apartment on the south is the only one which may contribute some off-site flow. There is a CMU wall along the west property line that is about 5' above the ground on the west side and 3' above the ground on the east side. The apartment to the north is about 1.5' lower than the existing average grade on the site. The apartment on the south is about flush with the existing average grade on the site.

DRAINAGE

CALCULATIONS

DEVELOPED CONDITIONS:
It is proposed to construct an apartment complex of three apartments as shown on the plan. All runoff from the roofs will be directed to Tennessee Street. In order to accept off-site flow from Lot 13, it will be necessary for the grades on Lot 14 to be as low as possible. If runoff leaves the site through the driveway the grades must be considerably higher than if runoff can leave the site through a sidewalk culvert or pipe through the curb.

DRAINAGE CRITERIA:
The calculations shown on this plan were prepared in accordance with Section 22.2, Hydrology, of the Development Process Manual, Volume 2, Design Criteria, for the City of Albuquerque in cooperation with Bernalillo County, New Mexico and the Albuquerque Metropolitan Arroyo Flood Control Authority, January 1993.

PRECIPITATION ZONE:
The site is west of Eubank Boulevard and is, therefore, in Precipitation Zone 3.

LAND TREATMENTS:
The existing site is all Land Treatment C. The developed land treatment areas are shown in the following table:

Land Treatment	100-yr.	10-yr.	100-yr.	10-yr.	Percent of Site	Area of Site Sq.Ft.	Acres
A	1.87	0.58	0.66	0.19	-	-	0.0
B	2.60	1.19	0.92	0.36	29.60	1,998	0.0459
C	3.45	2.00	1.29	0.62	-	-	0.0
D	5.02	3.39	2.36	1.50	70.40	4,752	0.1091
Totals					100.00	6,750	0.1550

VOLUME, 100-YEAR AND 10-YEAR, 6-HOUR:

Existing Conditions:
 $V_{100} = 6,750 \times (1.29/12) = 726 \text{ CF}$
 $V_{10} = 6,750 \times (0.62/12) = 348 \text{ CF}$

Developed Conditions:
 $V_{100} = (0.92 \times 1,998 + 2.36 \times 4,752)/12 = 1,088 \text{ CF}$
 $V_{10} = (0.36 \times 1,998 + 1.50 \times 4,752)/12 = 654 \text{ CF}$

PEAK DISCHARGE, 100-YEAR AND 10-YEAR:

Existing Conditions:
 $Q_{100} = 0.1550 \times 3.45 = 0.53 \text{ CFS}$
 $Q_{10} = 0.1550 \times 0.58 = 0.31 \text{ CFS}$

Developed Conditions:
 $Q_{100} = 2.60 \times 0.0459 + 5.02 \times 0.1091 = 0.67 \text{ CFS}$
 $Q_{10} = 1.19 \times 0.0459 + 3.39 \times 0.1091 = 0.42 \text{ CFS}$

OFF-SITE FLOW:
The site has a very small amount of off-site flow generated by the apartment building to the south. The area is approximately $(65 \times 12) / 43560 = 0.0179 \text{ ac}$.
 $Q_{100} = 5.02 \times 0.0179 = 0.09 \text{ cfs}$

SITE DISCHARGE:
It is proposed to discharge the site through a PVC pipe or pipes. The Orifice Equation is used to calculate the required number of pipes. The high water level will be elevation 71.5. Invert is at 70.74. $H = 0.76 - 0.17 = 0.59$.
 $Q = CA(2GH)^{1/2}$
 $C = 0.6$ $A = 0.0873 \text{ sf}$
 $Q = 0.6 \times 0.0873(2 \times 32.2 \times 0.59)^{1/2} = 0.32 \text{ cfs}$
 $Q_{100} = 0.67 + 0.09 = 0.76 \text{ cfs}$
Two each PVC pipes will convey 0.64 cfs. There is insufficient space to install more than two 4" PVC pipes. The remaining 0.12 cfs will overflow the curb in the event of a 100-year rainfall.



RECEIVED
JUN 14 1999
HYDROLOGY SECTION

RECEIVED
JUN 25 1999
LOVELADY AND ASSOCIATES

7319 4TH STREET, N.W.
ALBUQUERQUE, NEW MEXICO 87107
TEL. (505) 898-0142

FILE: 461
DATE: NOV. 3, 1994
REV MAY 1999
SHEET 1 OF 1

LEGEND:	NEW	DESCRIPTION
		CONTOUR
		SPOT ELEVATION
		PROPERTY LINE
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		SHEET FLOW
	TA	TOP OF ASPHALT
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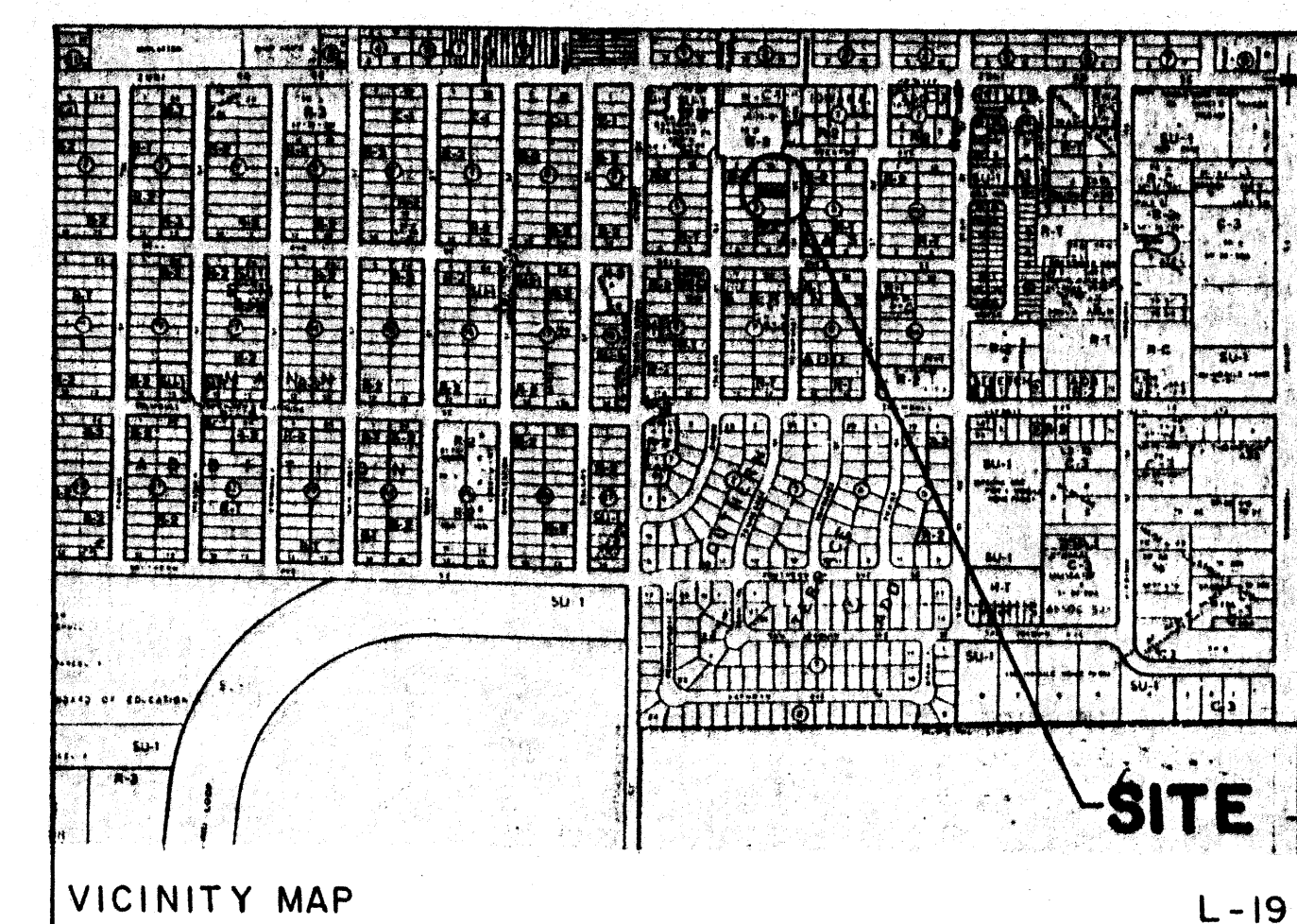
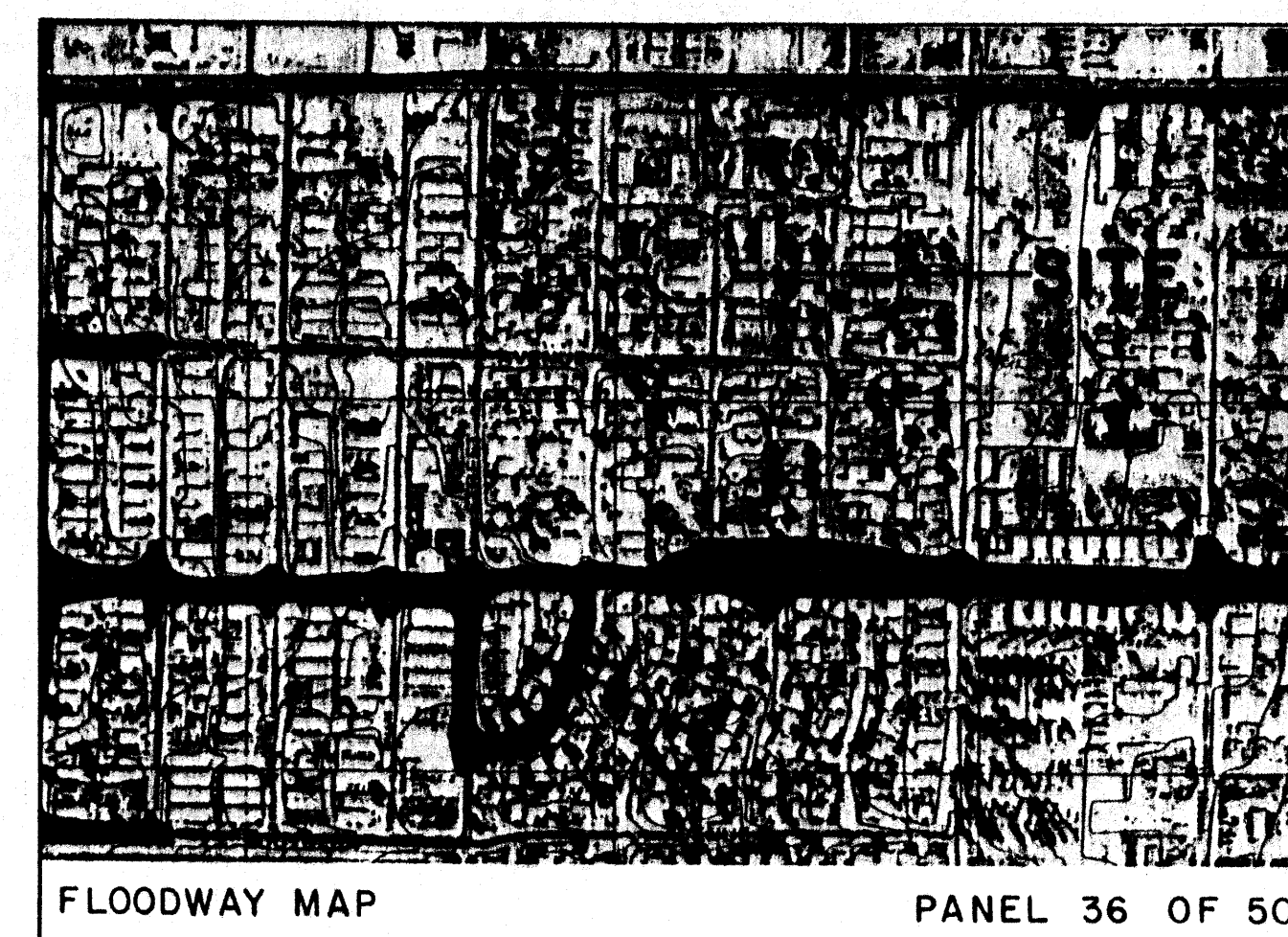
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CITY OF ALBUQUERQUE
DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY (S.O. 19)
NOTICE TO CONTRACTOR

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APPROVALS:

HYDROLOGY	NAME	DATE
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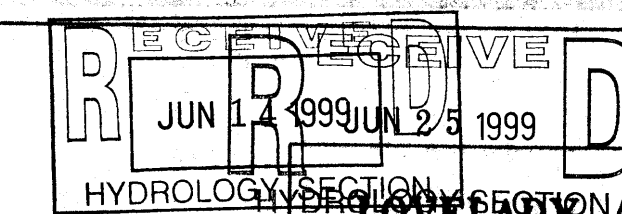
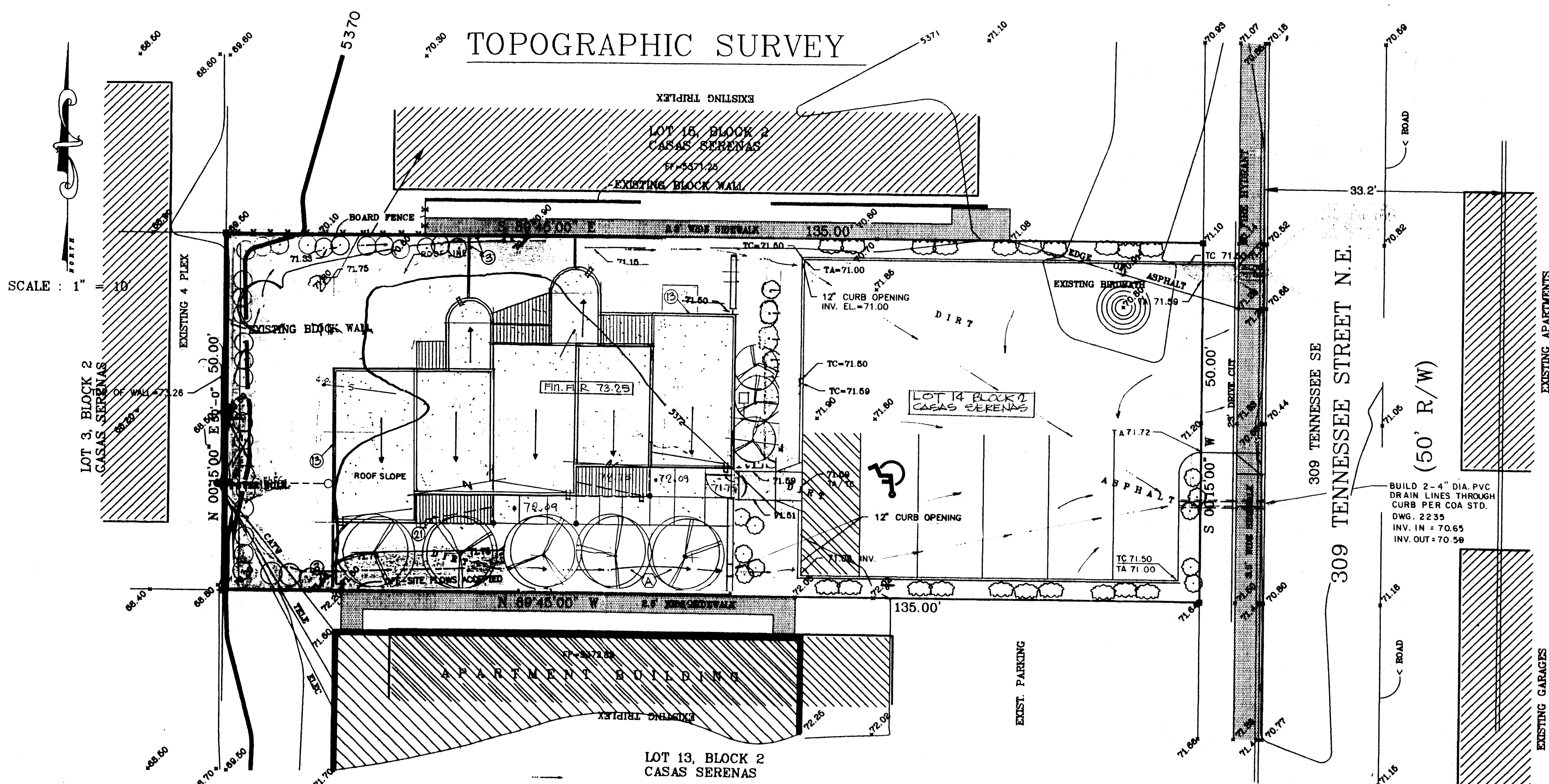
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LOVELADY AND ASSOCIATES
7319 4TH STREET, N.W.
ALBUQUERQUE, NEW MEXICO 87107
TEL. (505) 898-0142

FILE: 461
DATE: NOV. 3, 1994
REV MAY 1999
SHEET 1 OF 1

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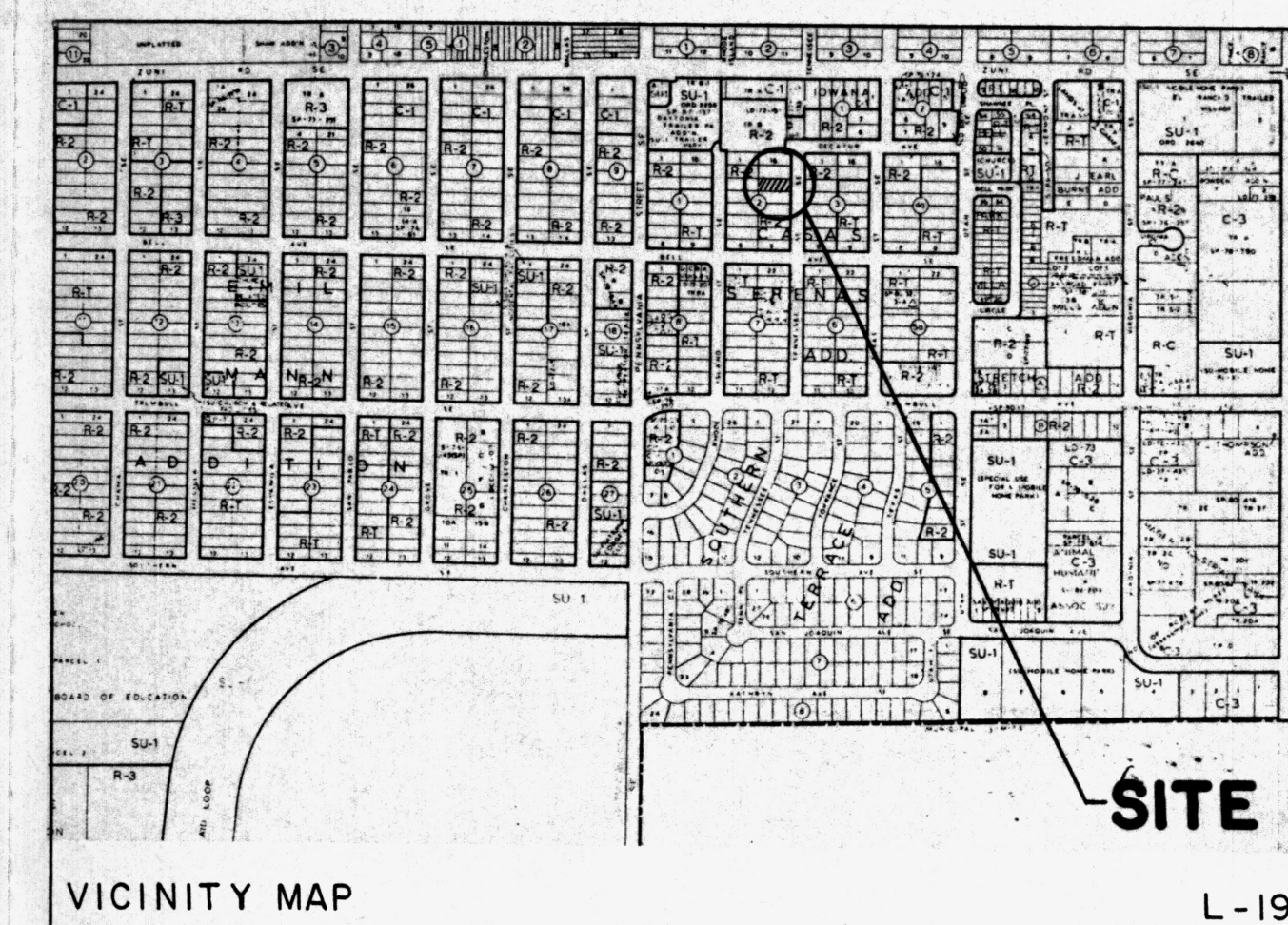
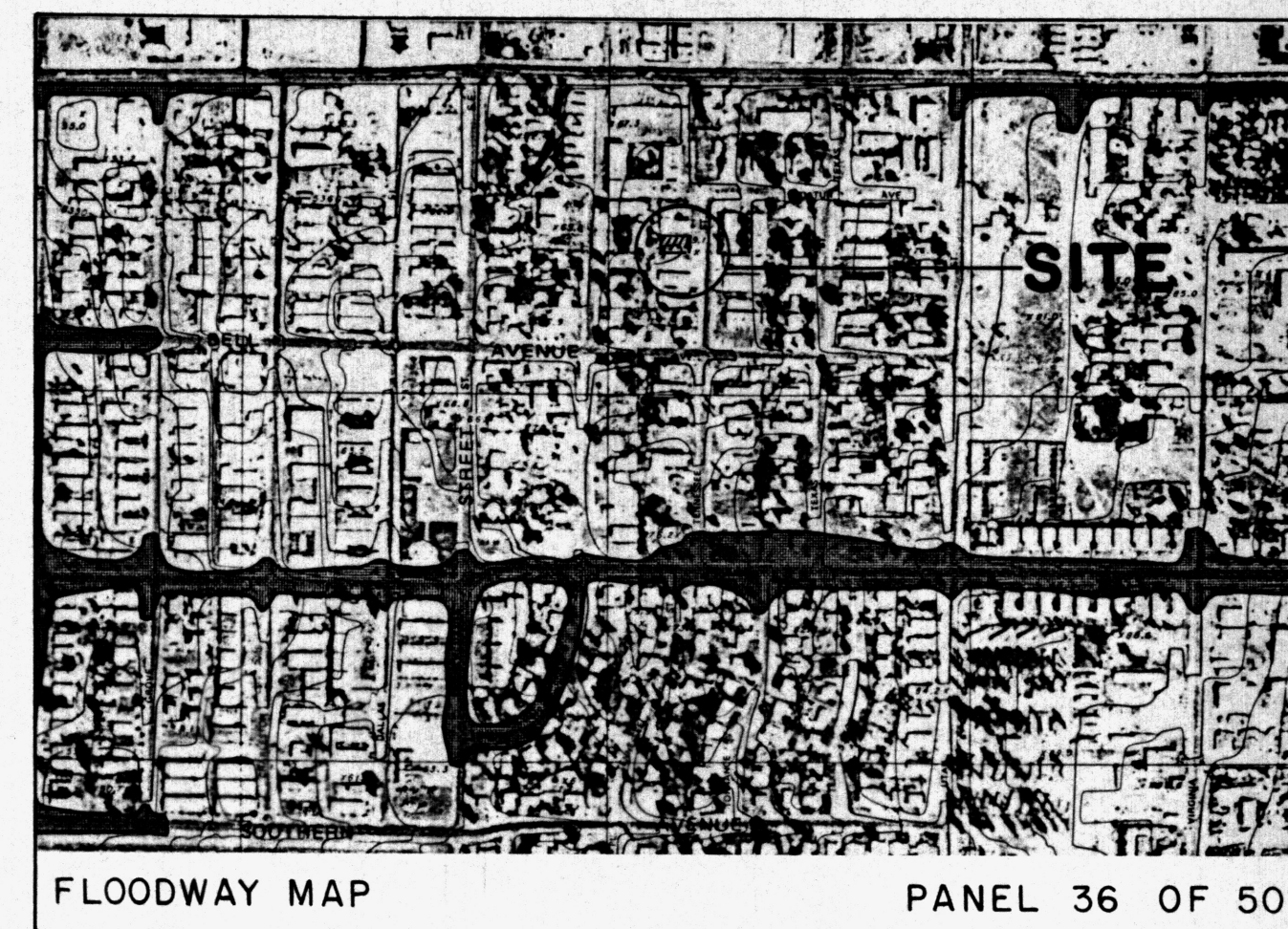
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APPROVALS:

HYDROLOGY Bernie J. Montoya 12/6/94
NAME DATE

INSPECTOR _____
NAME DATE

CONSTRUCTION _____
NAME DATE



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DRAINAGE

CALCULATIONS

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It is proposed to construct an apartment complex of three apartments as shown on the plan. All runoff from the roofs will be directed to Tennessee Street. In order to accept off-site flow from Lot 13, it will be necessary for the grades on Lot 14 to be as low as possible. If runoff leaves the site through the driveway the grades must be considerably higher than if runoff can leave the site through a sidewalk culvert or pipe through the curb.

DRAINAGE CRITERIA:
The calculations shown on this plan were prepared in accordance with Section 22.2, Hydrology, of the Development Process Manual, Volume 2, Design Criteria, for the City of Albuquerque in cooperation with Bernalillo County, New Mexico and the Albuquerque Metropolitan Arroyo Flood Control Authority, January 1993.

PRECIPITATION ZONE:
The site is west of Eubank Boulevard and is, therefore, in Precipitation Zone 3.

LAND TREATMENTS:
The existing site is all Land Treatment C. The developed land treatment areas are shown in the following table:

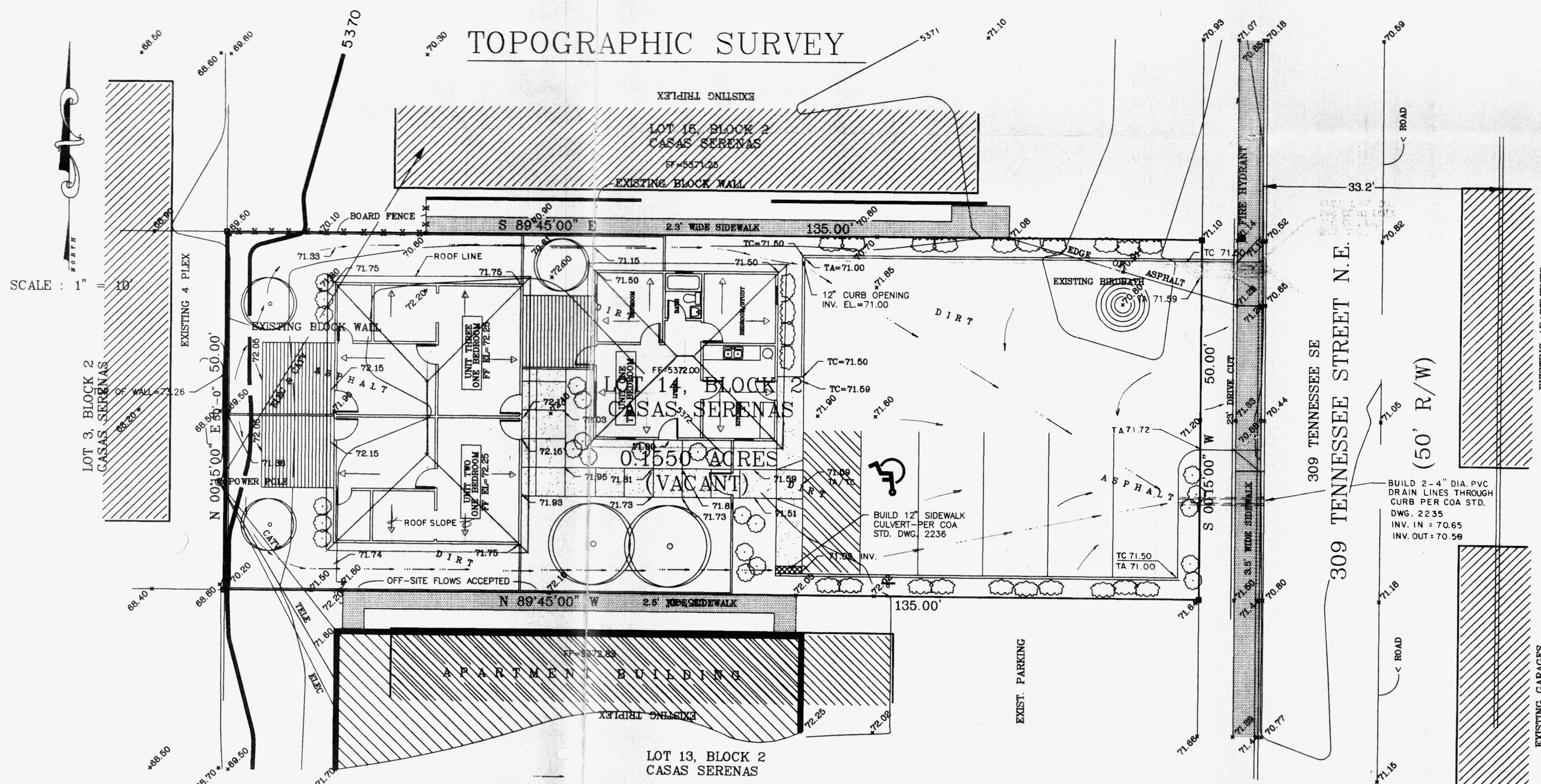
Land Treatment	100-yr. 10-yr. 100-yr. 10-yr. 100-yr. 10-yr. 100-yr. 10-yr.	Percent Area of Site
A	1.87 0.58 0.66 0.19 - - 0.0	
B	2.60 1.19 0.92 0.36 29.60 1,998 0.0459	
C	3.45 2.00 1.29 0.62 - - 0.0	
D	5.02 3.39 2.36 1.50 70.40 4,752 0.1091	
Totals		100.00 6,750 0.1550

VOLUME, 100-YEAR AND 10-YEAR, 6-HOUR:
Existing Conditions:
 $V_{100} = 6,750 \times (1.29/12) = 726 \text{ CF}$
 $V_{10} = 6,750 \times (0.62/12) = 348 \text{ CF}$
Developed Conditions:
 $V_{100} = (0.92 \times 1,988 + 2.36 \times 4,752)/12 = 1,088 \text{ CF}$
 $V_{10} = (0.36 \times 1,988 + 1.50 \times 4,752)/12 = 654 \text{ CF}$

PEAK DISCHARGE, 100-YEAR AND 10-YEAR:
Existing Conditions:
 $Q_{100} = 0.1550 \times 3.45 = 0.53 \text{ CFS}$
 $Q_{10} = 0.1550 \times 0.58 = 0.31 \text{ CFS}$
Developed Conditions:
 $Q_{100} = 2.60 \times 0.0459 + 5.02 \times 0.1091 = 0.67 \text{ CFS}$
 $Q_{10} = 1.19 \times 0.0459 + 3.39 \times 0.1091 = 0.42 \text{ CFS}$

OFF-SITE FLOW:
The site has a very small amount of off-site flow generated by the apartment building to the south. The area is approximately $(65 \times 12) / 43560 = 0.0179 \text{ ac}$.
 $Q_{100} = 5.02 \times 0.0179 = 0.09 \text{ cfs}$.

SITE DISCHARGE:
It is proposed to discharge the site through a PVC pipe or pipes. The Orifice Equation is used to calculate the required number of pipes. The high water level will be elevation 71.5. Invert is at 70.74. $H = 0.76 - 0.17 = 0.59$.
 $Q = CA(2GH)^{1/2}$
 $C = 0.6$ $A = 0.0873 \text{ sf}$
 $Q = 0.6 \times 0.0873(2 \times 32.2 \times 0.59)^{1/2} = 0.32 \text{ cfs}$
 $Q_{100} = 0.67 + 0.09 = 0.76 \text{ cfs}$
Two each PVC pipes will convey 0.64 cfs. There is insufficient space to install more than two 4" PVC pipes. The remaining 0.12 cfs will overflow the curb in the event of a 100-year rainfall.



LEGEND:		
EXISTING	NEW	DESCRIPTION
		CONTOUR
		SPOT ELEVATION
		PROPERTY LINE
		SWALE
		SHEET FLOW
		TA TOP OF ASPHALT
		TC TOP OF CURB/CONCRETE
		FL FLOWLINE
		PP POWER POLE

BENCH MARK:
City of Albuquerque Control Station 6-K20(R) ACS, located at the southwest corner of Wyoming and Central. Elevation = 5390.74

TEMPORARY BENCH MARK:
Temporary Bench Mark (TBM) located at the intersection of the south property line extended and top of west curb of Tennessee Street and marked with a slash mark. Elevation = 5371.44 feet.

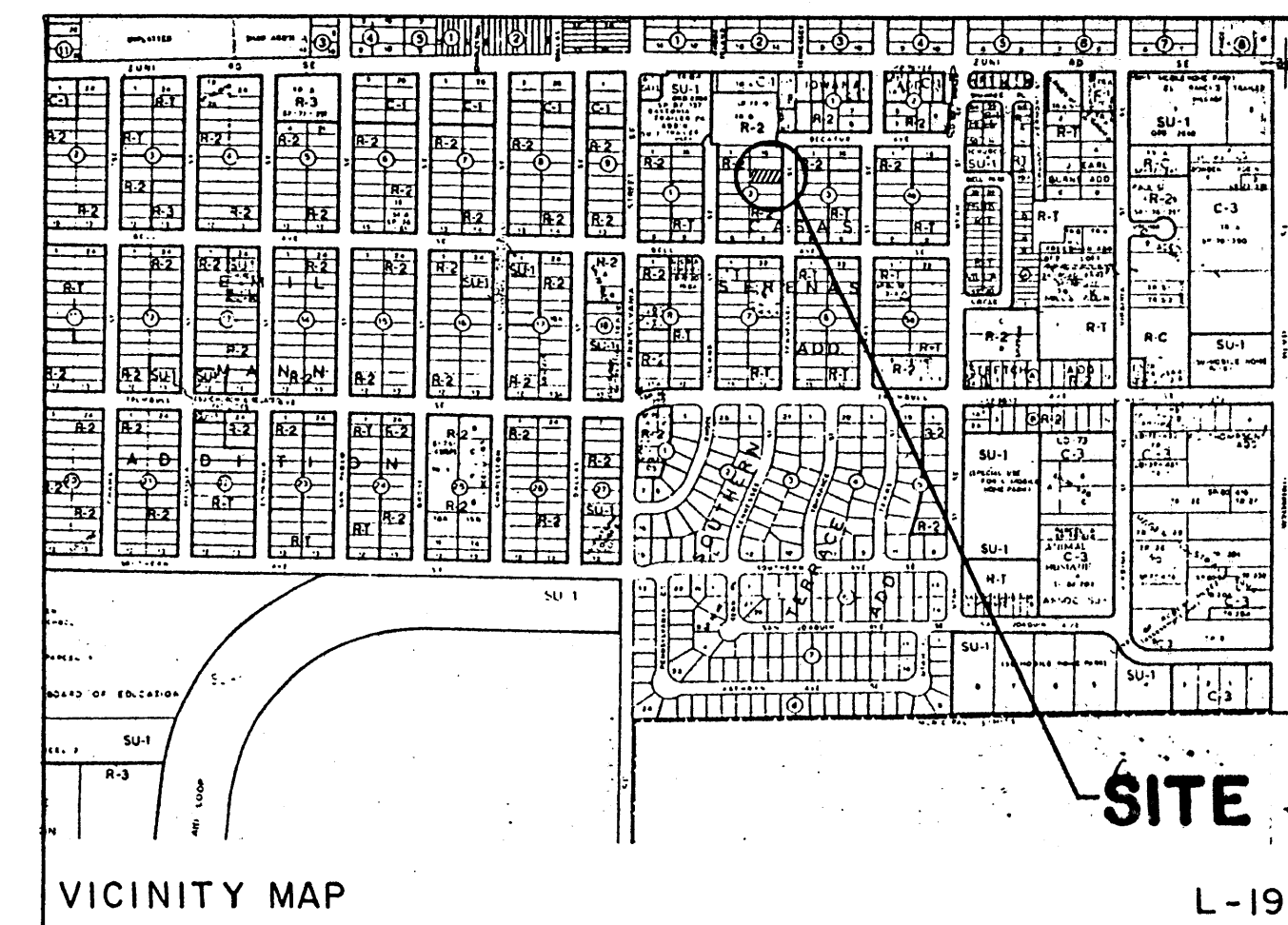
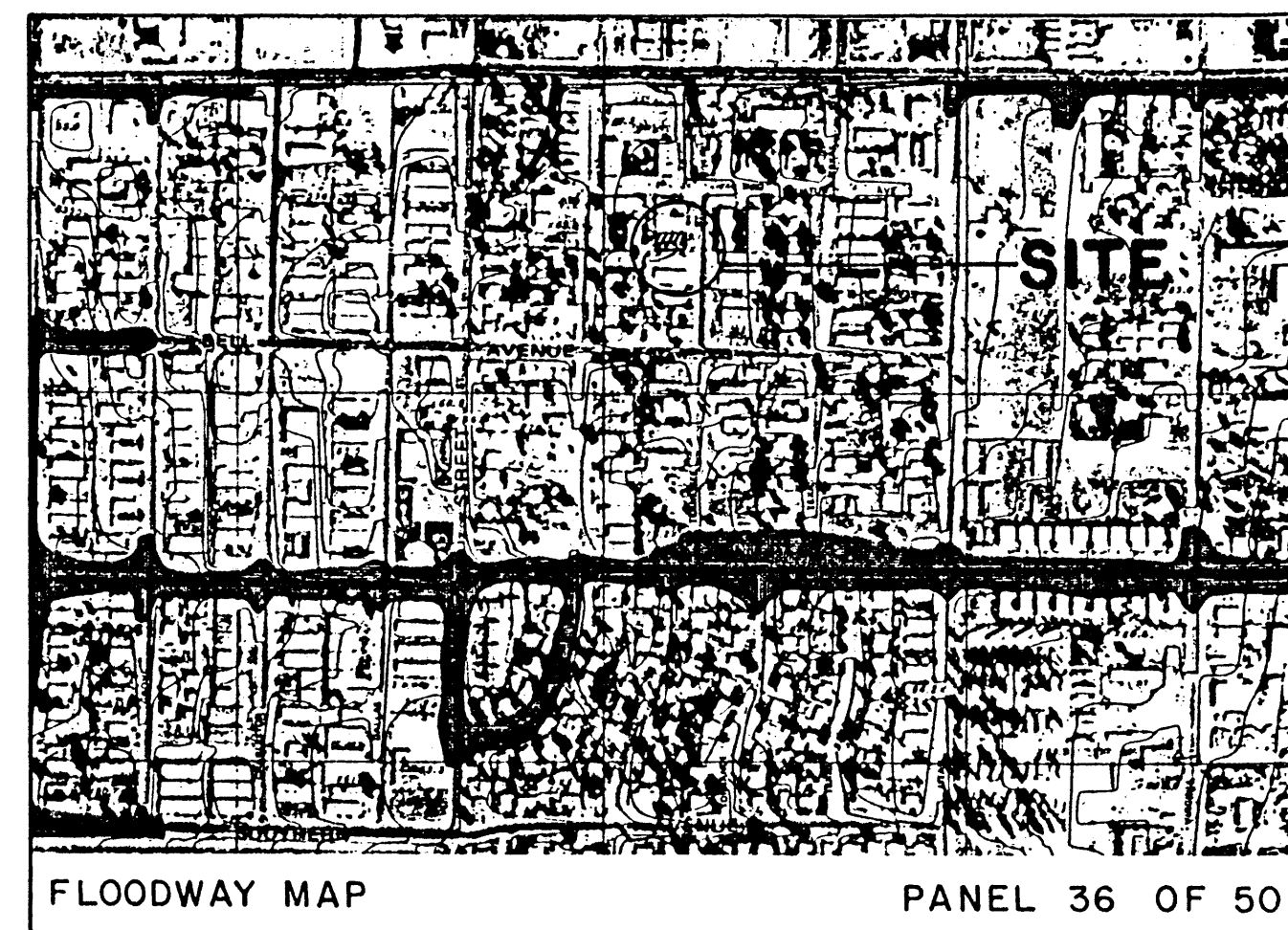
LEGAL DESCRIPTION:
Lot numbered fourteen (14), in Block numbered two (2), as shown and designated on the plat entitled "Casas Serenas", said plat thereof, filed in the office of the County Clerk of Bernalillo County, New Mexico on May 13, 1946 in Volume D, Folio 7. Legal description prepared by Franklin E. Wilson, N.M.P.S. 6446.

CITY OF ALBUQUERQUE
DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY (S.O. 19)
NOTICE TO CONTRACTOR

- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
- ALL WORK DETAILED ON THIS PLAN TO BE PERFORMED UNDER CONTRACT, EXCEPT AS STATED OR PROVIDED FOR HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986, AS REVISED.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
- 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 SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- BACKFILL COMPACTION SHALL BE ACCORDING TO RESIDENTIAL STREET USE.
- MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
- THE ADDRESS OF THE PROPERTY SERVED IS 309 TENNESSEE N.E.

APPROVALS:

HYDROLOGY	NAME _____	DATE _____
INSPECTOR	NAME _____	DATE _____
CONSTRUCTION	NAME _____	DATE _____



250-2640

EXISTING CONDITIONS:

The site is located on Tennessee Street S.E. between Bell Avenue SE and Decatur Avenue SE, on the west side of the street. The site is the third lot south of Decatur Avenue. The site is presently unpaved. The slope in Tennessee Street is from south to north. There is a 21" RCP storm sewer in Tennessee Street with a single C inlet on the west and east side of Tennessee Street at Decatur Avenue. This storm drain connects to the Pennsylvania/Dallas storm drain which empties into the I-040 channel. There are apartments on the north, west and south sides of the site. The apartment on the south is the only one which may contribute some off-site flow. There is a CMU wall along the west property line that is about 5' above the ground on the west side and 3' above the ground on the east side. The apartment to the north is about 1.5' lower than the existing average grade on the site. The apartment on the south is about flush with the existing average grade on the site.

DRAINAGE

CALCULATIONS

DEVELOPED CONDITIONS:

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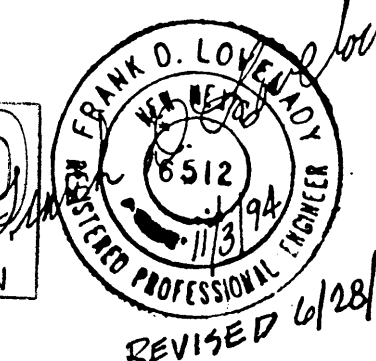
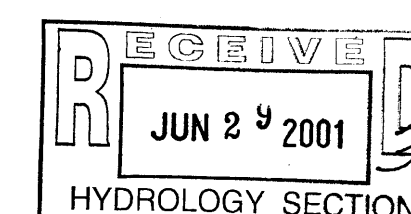
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ENGINEER'S CERTIFICATION:

HAVING FIELD-INSPECTED THE SITE AND HAVING TAKEN SPOT ELEVATIONS AT CRITICAL LOCATIONS, INCLUDING THE FINISH FLOOR ELEVATION, I HEREBY CERTIFY THAT THE AS-CONSTRUCTED FACILITY IS IN SUBSTANTIAL CONFORMANCE WITH THE GRADING AND DRAINAGE PLAN WITH ENGINEER'S STAMP DATED 11/3/94.

Frank D. Lovelady 6/28/01
FRANK D. LOVELADY N.M.P.E. 6512 DATE



LOVELADY AND ASSOCIATES

7319 4TH STREET, N.W.
ALBUQUERQUE, NEW MEXICO 87107
TEL. (505) 898-0142

FILE: 461
DATE: NOV. 3, 1994
REV: MAY 1999
SHEET: 1 OF 1

