CITY OF
Albuquerque

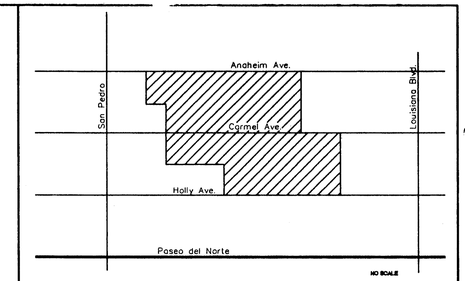
LA CUEVA OESTE
UNIT 3a

Albuquerque, New Mexico

October 1997

Prepared for:
Development Services, Ltd.
P.O. Box 30107
Albuquerque, NM 87190-0107

Prepared by:
Terry O. Brown, P.E.
P.O. Box 92051
Albuquerque, NM 87199



VICINITY MAP C-18-Z

GENERAL NOTES:

1. CITY OF ALBUQUERQUE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS AMENDED THROUGH UPDATE 6, WILL BE REFERRED TO HEREIN AS THE "STANDARD SPECIFICATIONS".

2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL CONTACT NEW MEXICO ONE CALL SYSTEM @ 260-1990 FOR LOCATION OF EXISTING UTILITIES.

3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE & VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM DELAY.

4. ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC., WITHIN THE THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RESET BY THE CONTRACTOR.

5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

6. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION.

7. ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES 24 HOURS CONSTRUCTION.

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9	UTILITY MASTER PLAN & UTILITY TABLES
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11	UTILITY PLAN AND PROFILE CALLE AVION N.E. (STA: 13+19.71 TO STA: 19+00.44)
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12a	STORM DRAIN PLAN AND PROFILE - CARMEL AVE.
13	MISCELLANEOUS DRAINAGE DETAILS.
14	STREET DETAILS

Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, NM 87199
(505) 883-8807

I, Terry O. Brown, a registered Professional Engineer in the State of New Mexico, do hereby certify that these record drawings were prepared under my supervision based on data received from the City of Albuquerque Construction Inspector.

Terry O. Brown 5/21/98

SCANNED BY
BY MASON

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
1	8+12.+13.21	Billy J. Gockley	3-25-98	Tom Black	5-5-98	Susan Calzagne	2-18-98
2	4a Sheets	Billy J. Gockley	4-28-98			Susan Calzagne	4-28-98

ENGINEER'S STAMP & SIGNATURE: Terry O. Brown 10/17/97

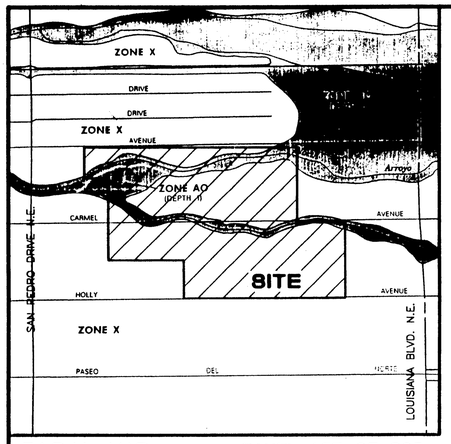
APPROVALS	ENGINEER	DATE
DRB Chairman	Billy J. Gockley	12/10/97
Transportation	Tom Black	11-20-97
Water/Wastewater	R.W. Kane	10-28-97
Hydrology	Susan Calzagne	12-1-97
C.I.P.		
Constr. Mngmt.		

APPROVED FOR CONSTRUCTION
City Engineer — Date 12/17/97

City Project No. 5232.92

Sheet 1 Of 14

DRB CASE #97-293



F.I.R.M. MAP

PANEL 137 OF 825

SCALE: 1" = 500'

DESCRIPTION

A certain tract of land located within the Corporate Limits of the City of Albuquerque, New Mexico, comprising Lots 3–11, inclusive, Lots 22–29, inclusive, Block 33, and Lots 4–13, inclusive, Lots 20–26, inclusive, Block 34, Tract A, Unit B, North Albuquerque Acres as the same are shown on the plat filed in the office of the County Clerk of Bernalillo County, New Mexico on April 24, 1935, Book D, Page 130.

KEYED NOTES

Ⓐ FOUND REBAR W/CAP STAMPED "LS 10042", TAGGED W/WASHER STAMPED "NMPS 11184"

Ⓑ FOUND #5 REBAR (NO I.D.), TAGGED WITH WASHER STAMPED "NMPS 11184"

Ⓒ FOUND REBAR W/CAP (NO I.D.), TAGGED WITH WASHER STAMPED "NMPS 11184"

Ⓓ FOUND REBAR W/CAP STAMPED "NEW MEXICO PS 11184"

Ⓔ SET #5 REBAR W/CAP STAMPED "NEW MEXICO PS 11184"

① 10' PUBLIC UTILITY EASEMENT GRANTED BY THIS PLAT

② 20' PUBLIC DRAINAGE EASEMENT GRANTED BY THIS PLAT

③ 25' NON-VEHICULAR PRIVATE ACCESS AND PUBLIC UTILITY EASEMENT GRANTED BY THIS PLAT

④ PEDESTRIAN ACCESS EASEMENT GRANTED BY THIS PLAT

⑤ 5' PRIVATE DRAINAGE EASEMENT GRANTED BY THIS PLAT

⑥ 25' NON-VEHICULAR PRIVATE ACCESS, PUBLIC STORM DRAINAGE, PUBLIC SANITARY SEWER AND PUBLIC UTILITY EASEMENT GRANTED BY THIS PLAT

⑦ PRIVATE LANDSCAPE EASEMENT GRANTED BY THIS PLAT

⑧ 4' VACATION OF A PORTION OF ANAHEIM AVENUE N.E. BY V-96-11

⑨ 2' VACATION OF A PORTION OF HOLLY AVENUE N.E. BY V-96-11

⑩ VACATION OF A PORTION OF CARMEL AVENUE N.E. BY V-96-11

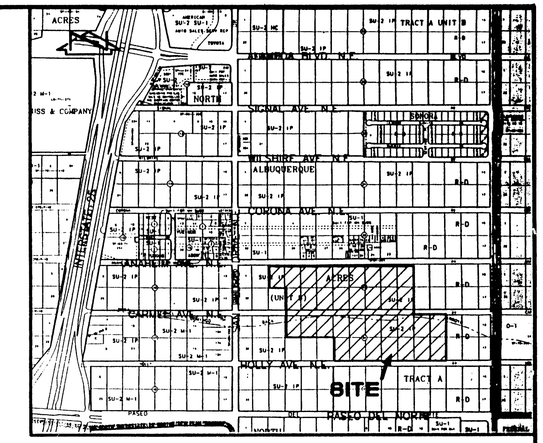
NOTES:

1. A boundary survey was performed in April, 1997 to determine the perimeter of the property to be platted. Property corners were found or set as indicated.
2. All distances are ground distances.
3. Site located within projected Section 13, Township 11 North, Range 3 East, N.M.P.M.
4. Bearings shown hereon are New Mexico State Plane Grid Bearings, Central Zone.
5. Street mileage created by this plat = 1.26 miles (full-width) and 0.06 miles (half-width).
6. Upon completion of the construction of the streets, City of Albuquerque approved centerline monuments shall be placed at all intersections or as otherwise indicated in lieu of subdivision block corner monumentation. Location of said monuments are designated with a " ✪ " symbol.
7. Manholes will be offset at points of curvature, points of tangency, street intersections, and other angle points where practical to allow use of centerline monumentation.

APPROVED FOR STREET NAMES AND MONUMENTATION:

City Surveyor, City of Albuquerque — Date: 052297

DRAINAGE NOTE:
A portion of this subdivision is within a 100-year flood plain as shown on the National Flood Insurance Program "Flood Insurance Rate Map". A Letter of Map Revision (LOMR) will be requested from the Federal Emergency Management Agency (FEMA) to remove the existing flood plain. Until the LOMR is issued by FEMA, property owners may be required to purchase flood insurance.



VICINITY MAP

SCALE: 1" = 750'

C-18

BOUNDARY TABLES

LINE	DIRECTION	DISTANCE
BL1	N 01°17'27" W	60.00'
L1	N 89°39'54" W	11.05'
L2	S 89°39'30" E	49.87'
L3	S 89°40'12" E	13.70'
L4	N 89°39'30" W	13.12'
L5	S 89°39'30" E	13.12'
L6	N 00°20'29" E	11.00'
L7	S 89°39'31" E	9.18'
L8	N 00°20'29" E	1.11'
L9	S 00°20'29" W	1.48'
L10	N 00°20'29" E	5.14'
L11	N 60°25'07" E	20.73'
L12	N 00°20'29" E	26.00'
L13	S 89°39'31" E	7.04'
L14	N 00°21'54" E	39.00'
L15	N 00°09'02" E	26.19'
L16	S 89°47'47" E	3.24'
L17	N 00°21'55" E	31.16'
L18	N 89°39'31" W	2.18'
L19	S 00°20'29" W	13.00'
L20	N 00°13'14" W	16.25'
L21	N 00°13'14" W	21.63'
L22	S 01°17'27" E	6.48'
L23	N 00°05'29" E (NR)	14.44'
L24	S 00°13'14" E	23.12'
L25	S 00°07'42" W	22.78'
L26	N 00°07'42" E	29.46'
L27	N 89°40'06" W	19.82'
L28	N 00°07'42" E	4.54'
L29	N 00°13'14" W	15.76'
L30	N 01°17'27" W	7.51'
L31	N 00°20'29" E	6.33'
L32	N 88°40'52" E	34.51'
L33	S 89°39'31" E	16.09'
L34	N 00°20'29" E	1.48'

CURVE	RADIUS	LENGTH	CHORD	CH. BEARING	DELTA
CL1	NOT USED				
CL2	NOT USED				
CL3	378.75'	75.50'	75.37'	N 83°56'52" W	11°25'16"
CL4	378.75'	75.50'	75.37'	S 83°56'52" E	11°25'16"
CL5	378.72'	75.50'	75.37'	N 84°37'50" E	11°25'18"
CL6	378.72'	75.50'	75.37'	N 84°37'50" E	11°25'18"
CL7	75.00'	117.81'	106.07'	S 44°39'31" E	90°00'00"
CL8	279.02'	47.30'	47.25'	S 84°48'48" E	09°42'48"
CL9	279.02'	47.30'	47.25'	N 84°48'48" W	09°42'48"
CL10	75.00'	117.81'	106.07'	N 44°39'31" W	90°00'00"
C1	25.00'	0.68'	0.68'	N 88°53'58" W	01°32'56"
C2	45.00'	36.36'	35.38'	S 64°59'32" E	46°17'24"
C3	25.00'	20.19'	19.65'	S 64°59'04" E	46°16'24"
C4	45.00'	38.43'	37.27'	N 67°23'58" E	48°55'36"
C5	45.00'	38.49'	37.32'	N 18°26'07" E	49°00'05"
C6	45.00'	38.27'	37.13'	S 30°25'50" E	48°43'48"
C7	45.00'	43.29'	41.64'	N 82°21'15" W	55°07'03"
C8	45.00'	21.66'	21.45'	N 56°17'50" E	27°34'47"
C9	25.00'	20.87'	20.27'	S 66°25'07" W	47°49'21"
C10	25.00'	39.27'	35.36'	S 44°39'51" E	90°00'42"
C11	25.00'	39.27'	35.36'	N 45°20'30" E	90°00'00"
C12	25.00'	20.87'	20.27'	S 65°44'49" E	47°49'21"
C13	45.00'	22.27'	22.05'	N 56°00'59" W	28°21'41"
C14	45.00'	45.39'	43.49'	N 80°54'22" E	57°47'37"
C15	45.00'	40.58'	39.22'	N 26°10'32" E	51°40'04"
C16	45.00'	40.58'	39.22'	N 25°29'33" W	51°40'04"
C17	45.00'	45.39'	43.49'	S 80°13'23" E	57°47'36"
C18	45.00'	22.27'	22.05'	N 56°41'59" E	28°21'40"
C19	25.00'	20.87'	20.27'	S 66°25'49" W	47°49'21"
C20	25.00'	39.27'	35.36'	S 44°39'30" E	90°00'00"
C21	25.00'	39.27'	35.36'	N 45°20'47" E	90°00'35"
C22	25.00'	39.26'	35.35'	N 45°20'09" E	89°59'18"
C23	256.02'	36.87'	36.84'	S 85°32'40" E	08°15'04"
C24	52.00'	81.68'	73.54'	N 44°39'30" W	89°59'59"
C25	25.00'	39.27'	35.36'	N 45°20'29" E	90°00'00"
C26	25.00'	39.27'	35.36'	N 44°39'51" W	90°00'42"
C27	302.02'	51.20'	51.14'	S 84°48'48" E	09°42'48"
C28	256.02'	6.53'	6.53'	N 80°41'16" W	01°27'44"
C29	401.72'	14.82'	14.82'	N 89°17'04" E	02°06'51"
C30	40.00'	29.19'	28.55'	N 79°02'46" E	41°49'04"
C31	25.00'	14.05'	13.87'	N 74°14'22" E	32°12'15"
C32	40.00'	39.85'	38.22'	S 51°30'23" E	57°04'39"
C33	40.00'	38.76'	37.26'	N 04°47'21" E	55°30'48"
C34	25.00'	14.05'	13.87'	N 16°26'37" E	32°12'15"
C35	25.00'	39.27'	35.35'	S 44°39'13" E	89°59'25"
C36	25.00'	39.26'	35.35'	N 45°20'09" E	89°59'18"
C37	25.00'	42.91'	37.83'	S 48°49'52" E	98°20'43"
C38	355.72'	19.10'	19.10'	N 80°27'29" E	03°04'35"
C39	401.72'	23.40'	23.40'	N 80°35'19" E	03°20'14"
C40	NOT USED				
C41	NOT USED				
C42	25.00'	39.27'	35.36'	S 44°39'31" E	90°00'00"
C43	25.00'	39.27'	35.36'	N 45°20'29" E	90°00'00"
C44	25.00'	39.27'	35.36'	S 44°39'31" E	90°00'00"
C45	98.00'	51.92'	51.31'	N 14°50'06" W	30°21'11"
C46	98.00'	102.02'	97.48'	S 59°50'06" E	59°38'49"
C47	25.00'	39.27'	35.36'	S 44°39'31" E	90°00'00"

CURVE	RADIUS	LENGTH	CHORD	CH. BEARING	DELTA
C48	401.72'	60.44'	60.38'	N 83°55'03" E	08°37'11"
C49	401.72'	4.82'	4.82'	S 79°15'49" W	00°41'16"
C50	355.72'	43.71'	43.68'	N 82°26'24" E	07°02'25"
C51	355.72'	27.20'	27.19'	S 88°09'03" W	04°22'53"
C52	355.75'	42.92'	42.90'	S 86°12'07" E	06°54'47"
C53	355.75'	27.99'	27.98'	S 80°29'29" E	04°30'29"
C54	401.75'	17.65'	17.65'	S 79°29'46" E	02°31'03"
C55	401.75'	45.25'	45.22'	N 83°58'52" W	06°27'10"
C56	401.75'	17.19'	17.18'	N 88°25'59" W	02°27'03"
C57	NOT USED				
C58	NOT USED				
C59	NOT USED				
C60	401.72'	55.19'	55.14'	N 86°11'34" E	07°52'17"
C61	401.72'	1.49'	1.49'	S 89°45'54" E	00°12'47"
C62	401.75'	22.01'	22.01'	S 88°05'20" E	03°08'21"
C63	401.75'	50.38'	50.35'	S 82°55'37" E	07°11'06"
C64	401.75'	7.69'	7.69'	S 78°47'09" E	01°05'50"
C65	355.75'	19.10'	19.10'	S 79°46'32" E	03°04'36"
C66	25.00'	42.91'	37.83'	N 49°30'50" E	98°20'40"
C67	52.00'	81.68'	73.54'	S 44°39'31" E	90°00'00"
C68	25.00'	39.27'	35.36'	N 45°20'29" E	90°00'00"
C69	NOT USED				
C70	25.00'	19.06'	18.61'	S 21°30'14" E	43°41'27"
C71	40.00'	29.13'	28.49'	S 22°29'20" E	41°43'16"
C72	40.00'	32.10'	31.25'	S 21°21'51" W	45°59'06"
C73	40.00'	32.10'	31.25'	S 67°20'57" W	45°59'06"
C74	40.00'	33.65'	32.67'	N 65°33'25" W	48°12'11"
C75	40.00'	30.55'	29.82'	N 19°34'19" W	43°46'00"
C76	40.00'	29.13'	28.49'	N 23°10'19" E	41°43'16"
C77	25.00'	19.06'	18.61'	N 22°11'13" E	43°41'27"
C78	25.00'	39.27'	35.36'	N 44°39'51" W	90°00'42"
C79	25.00'	39.02'	35.18'	S 44°56'22" E	89°26'17"
C80	NOT USED				
C81	25.00'	39.52'	35.53'	S 45°03'38" W	90°33'43"
C82	25.00'	39.28'	35.36'	N 44°38'48" W	90°01'24"
C83	25.00'	2.17'	2.17'	N 02°51'13" E	04°58'37"
C84	25.00'	13.92'	13.74'	N 21°17'18" E	31°53'35"
C85	40.00'	35.00'	33.89'	N 12°10'15" E	50°07'42"
C86	40.00'	50.88'	47.52'	S 49°19'58" E	72°52'43"
C87	40.00'	56.30'	51.77'	S 53°54'19" W	80°38'42"
C88	40.00'	42.32'	40.37'	S 16°43'27" E	60°36'51"
C89	25.00'	9.29'	9.24'	S 36°22'51" E	21°18'03"
C90	25.00'	11.39'	11.29'	N 12°40'58" W	26°05'44"
C91	25.00'	39.26'	35.35'	N 45°21'12" E	89°58'35"
C92	25.00'	39.02'	35.18'	N 44°56'22" W	89°26'17"
C93	25.00'	39.36'	35.42'	S 45°14'06" W	90°12'48"
C94	25.00'	39.52'	35.53'	N 45°03'38" E	90°33'44"
C95	NOT USED				
C96	25.00'	39.18'	35.29'	N 44°45'54" W	89°47'12"
C97	25.00'	39.31'	35.38'	S 45°23'13" W	90°05'27"
C98	302.02'	22.39'	22.38'	S 87°32'47" E	04°14'50"
C99	302.02'	28.81'	28.80'	S 82°41'23" E	05°27'58"
C100	256.02'	31.61'	31.59'	N 83°29'39" W	07°04'30"
C101	256.02'	11.79'	11.79'	N 88°21'03" W	02°38'19"
C102	25.00'	39.26'	35.35'	N 45°20'09" E	89°59'18"
C103	25.00'	39.23'	35.33'	S 44°36'47" E	89°54'33"

AS-BUILT

SURVEYORS CERTIFICATION

I, Charles G. Cala, Jr., a registered Professional Surveyor under the laws of the State of New Mexico do hereby certify that I conducted and am responsible for this plat, shows all easements made known to me by this owner, utility companies, or other parties expressing an interest; meets the minimum requirement for Monumentation and surveys of the Albuquerque Subdivision Ordinance; complies with the minimum standards for surveying in the State of New Mexico, and is true and correct to the best of my knowledge and belief.

Charles G. Cala, Jr., NMPS 11184 — Date: 5-21-1997

CHARLES G. CALA, JR. NEW MEXICO 11184 REGISTERED PROFESSIONAL SURVEYOR

26-5232.912 02981

SCANNED BY ASPM

The purpose of this plat is to:

a. Dedicate public street rights-of-way as shown.

b. Incorporate the vacated portions of Holly Avenue N.E., Anaheim Avenue N.E. and Carmel Avenue N.E. vacated by V-96-11.

c. Grant the necessary easements as shown.

d. Create 200 residential lots within Units 2, 3a, 3b, 3c and 4, La Cueva Oeste.

JEFF MORTENSEN & ASSOCIATES, INC.
6400-B HIGHWAY PARK BLVD. N.E.
ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS SURVEYORS (505) 345-4250

PRELIMINARY MASTER PLAN PLAT

LA CUEVA OESTE UNITS 2, 3a, 3b, 3c AND 4

DESIGNED BY T.D.B.
SURVEYED BY R.J.E.
DRAWN BY T.N.T.
APPROVED BY C.G.C.

NO.	DATE	BY	REVISIONS

JOB NO. 961193
DATE 05-1997
SHEET 2 OF 14

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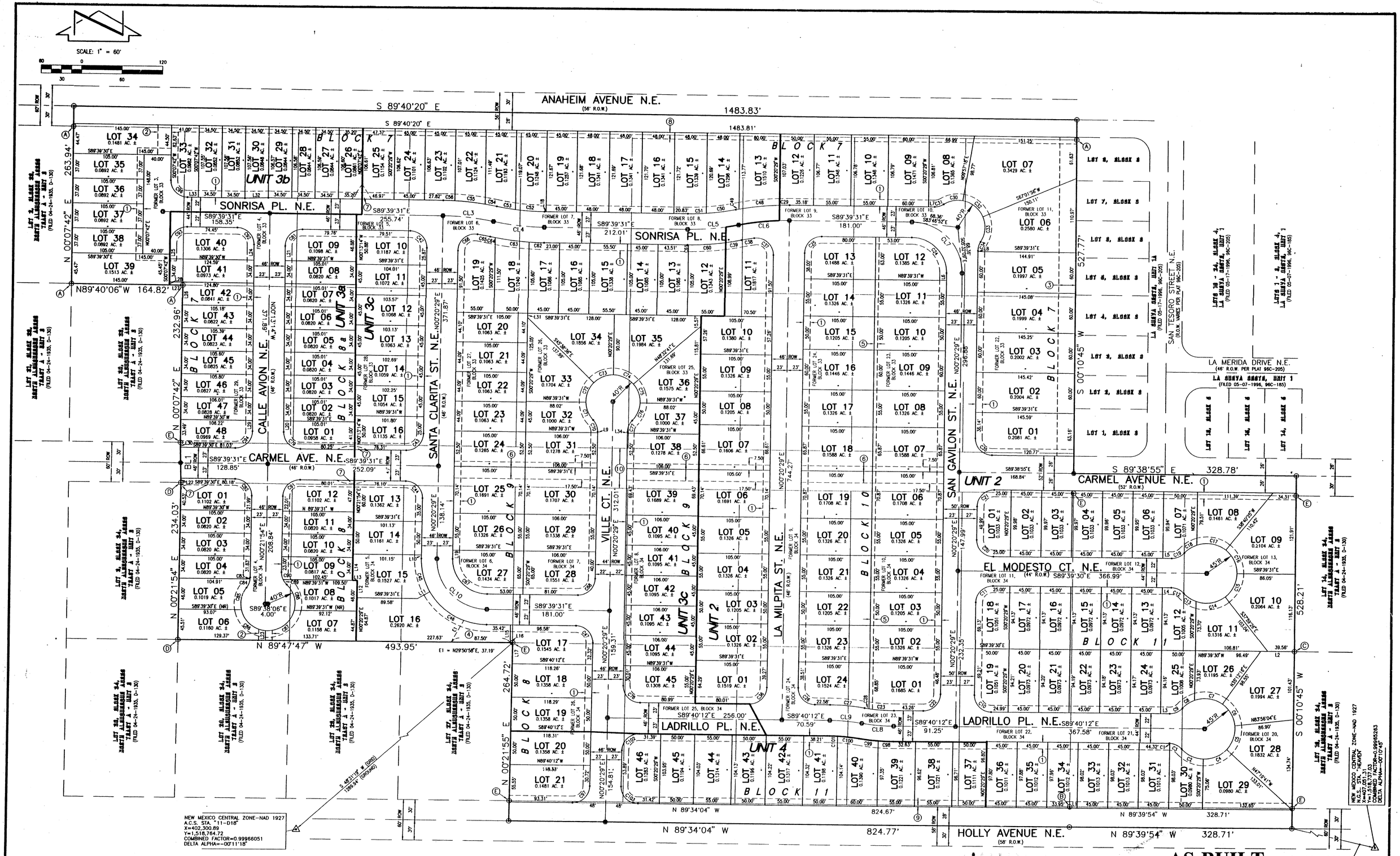


JMA — JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE NEW MEXICO 87109
ENGINEERS SURVEYORS (505) 345-4250

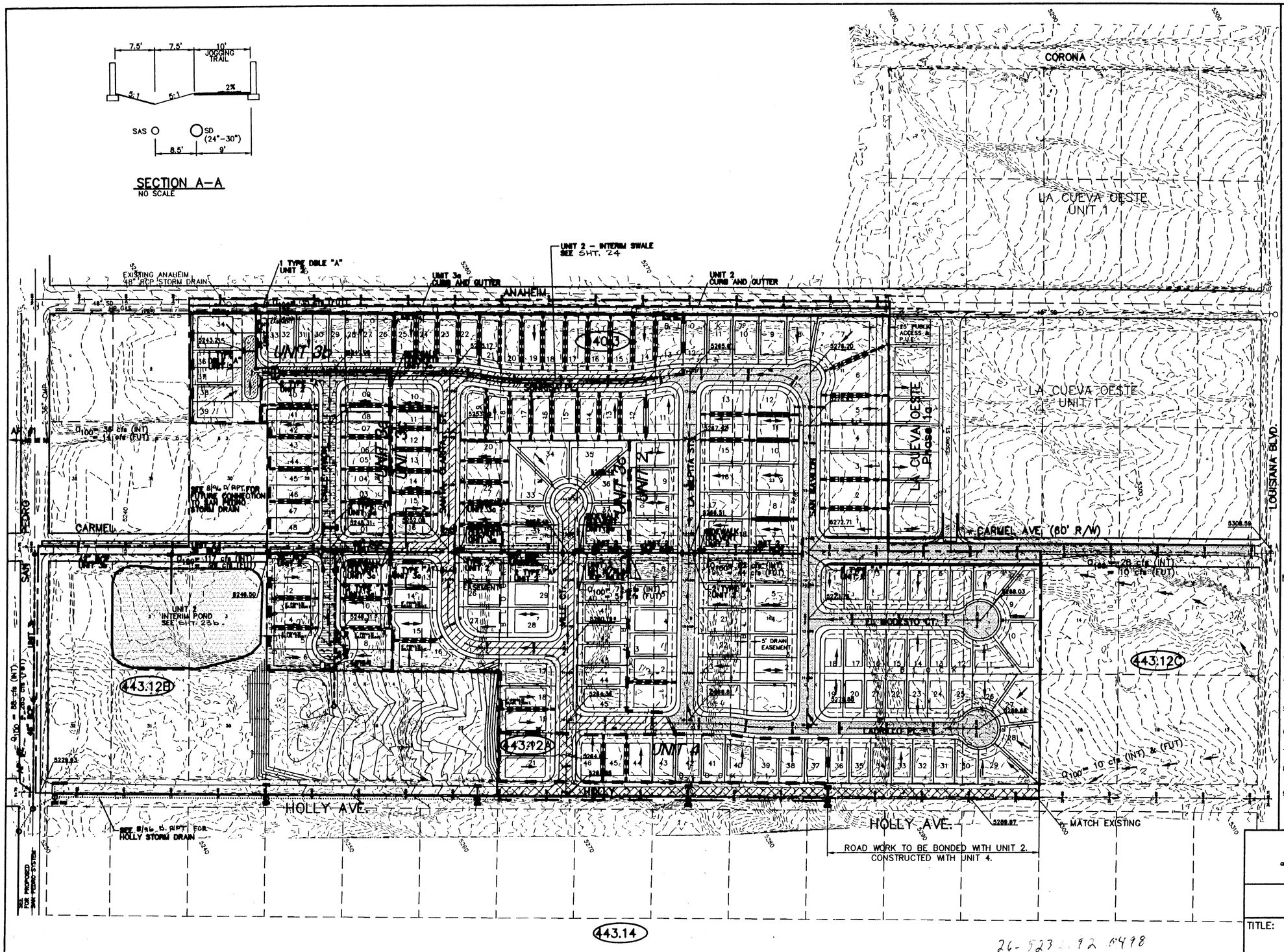
PRELIMINARY MASTER PLAN PLAT
LA CUEVA OESTE UNITS 2, 3a, 3b, 3c AND 4

SCANNED BY BY LASON

DESIGNED BY	T.D.B.
SURVEYED BY	R.J.E.
DRAWN BY	T.N.T.
APPROVED BY	C.G.C.

NO.	DATE	BY	REVISIONS

JOB NO. 961198
DATE 05-1997
SHEET 3 OF 14



NOTES:

1. FOR UNIT 2 FINISHED PAD AND RETAINING WALL ELEVATIONS, SEE SHT 4.
2. FOR UNIT 3 FINISHED PAD AND RETAINING WALL ELEVATIONS, SEE SHT 4a.
3. FOR TYPICAL LOT DRAINAGE DETAILS, SEE SHTS 5 AND 5a.
4. FOR PRIVATE DRAINAGE EASEMENT LOCATIONS, SEE SHTS. 4 AND 4a.
5. FOR CARMEL STORM DRAIN EASEMENT, SEE SHTS 23 AND 23a.
6. FOR SAN PEDRO STORM DRAIN, SEE Exhibit 5, 8/96 D.Rep.
7. FOR HOLLY STORM DRAIN, SEE Exhibit 6, 8/96 D.Rep.
8. EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY.
9. INTERIM POND DETAILS, SEE SHT. 23b.

AS-BUILT

AS BUILT INFORMATION
CONTRACTOR N.E.W. CONCEPTS
WORK STAKED BY COA DATE 9-26-96
ASBUILTS BY COA DATE 6-19-96
ACCEPTANCE BY COA DATE 5-19-96
FIELD VERIFICATION BY COA DATE 5-21-96
DRAWINGS CORRECTED BY COA DATE 7-21-96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.
NORTHING:
EASTING:
ELEVATION:

BENCH MARKS
STATION NAME:

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEERS SEAL
DONALD S. DIXON
NEW MEXICO
9043
REGISTERED PROFESSIONAL ENGINEER
6/10/97

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY DSD DATE MAY 1997
DRAWN BY PMT DATE MAY 1997
CHECKED BY DSD DATE MAY 1997

Resource Technology, Inc.
ENGINEERS AND ENVIRONMENTAL SCIENTISTS
CIVIL · ENVIRONMENTAL · WATER RESOURCES · RECREATION · PLANNING
1720-B Randolph Rd. SE, Albuquerque, NM 87106
(505) 243-7300

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LA CUEVA OESTE
SITE PLAN
UNITS 2, 3a, 3b, 3c & 4

Design Review Committee | City Engineer Approval | Last Design Update | No./Day/Yr. | No./Day/Yr.

Approved @ DRB

City Project No. 5232.91 | Zone Map No. C-18 | ~~3~~ 4 | ~~26~~ 14

26-5232.92 5498

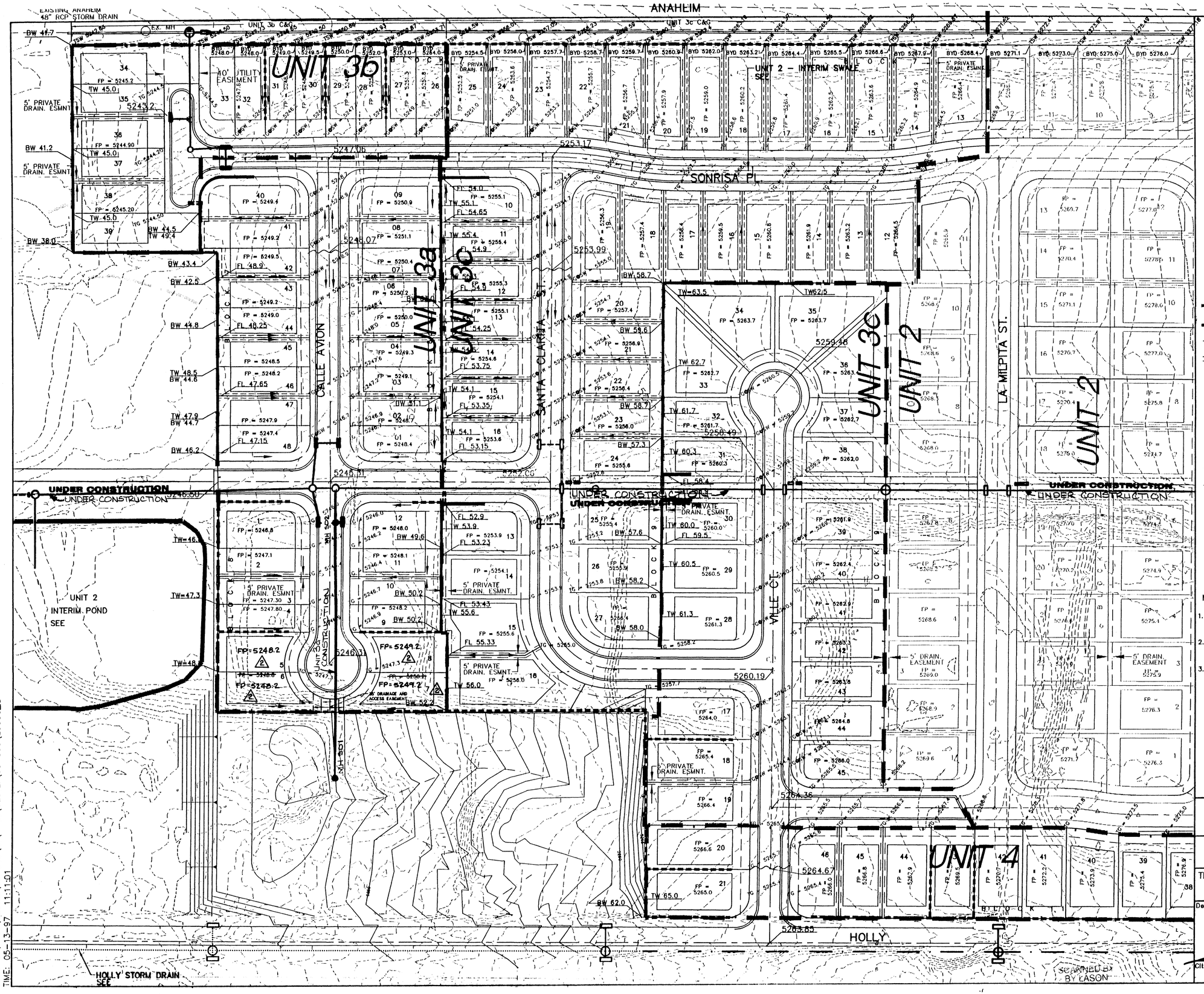
=FOR INFORMATION ONLY=

EXHIBIT 2A (REVISED)

C:\PROJ\OESTE\95-330\C\PROJ\OESTE\95-330\GRDRN
06-06-97 15:46:58

SCANNED BY BY LASON

4



SCALE: 1" = 50'

LEGEND

	SPOT ELEVATION
	GARDEN WALL
	RETAINING WALL
---- 5280 ----	EXISTING CONTOUR
	DRAINAGE EASEMENT
TG OR F.G.	FINISHED GRADE
F.P.	FINISHED PAD ELEV.
T.W.	TOP OF WALL ELEV.
B.W.	BOTTOM OF WALL ELEV.
TSW	TOP OF SIDEWALK ELEV.
BYD	BACKYARD ELEV. @ FENCE
FL	FLOWLINE ELEV.
	100-YR. FLOODPLAIN
	PROPOSED LOT LINE
	SIDEWALK CULVERT

NOTES:

1. FOR TYPICAL LOT DRAINAGE DETAILS, SEE SHT. 5a
2. FOR UNIT 2 FINISHED PAD, FINISHED GROUND AND RETAINING WALL ELEVATIONS, SEE SHT. 4.
3. REMOVE POND AND CONNECTING PIPES FROM UNIT 2.

26-5232.92 4-98

AS-BUILT

Resource Technology, Inc.
ENGINEERS AND ENVIRONMENTAL SCIENTISTS
CIVIL · ENVIRONMENTAL · WATER RESOURCES · RECREATION · PLANNING
1720-B Randolph Rd. SE, Albuquerque, NM 87106
(505) 242-7356

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LA CUEVA OESTE UNIT 3a
GRADING and DRAINAGE PLAN

Design Review Committee | City Engineer Approval | Last Design Update | No./Date/Yr. | No./Date/Yr.

Approved @ DRB

City Project No. 5232.91 | Zone Map No. C-18 | 4a | 2614

AS BUILT INFORMATION
CONTRACTOR NEW CONCEPTS
WORK STAKED BY CWA DATE 5-28-98
INSPECTOR'S ACCEPTANCE BY CWA DATE 3-27-98
FIELD VERIFICATION BY CWA DATE 3-27-98
DRAWINGS CORRECTED BY CWA DATE 5-28-98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY

ENGINEERS SEAL
DONALD S. DIXON
NEW MEXICO 11043 REGISTERED PROFESSIONAL ENGINEER
6/10/97
4/14/98

NO.	DATE	REMARKS	BY
2	4-14-98	CO#2 MODIFY FP ELEVATIONS	DSD

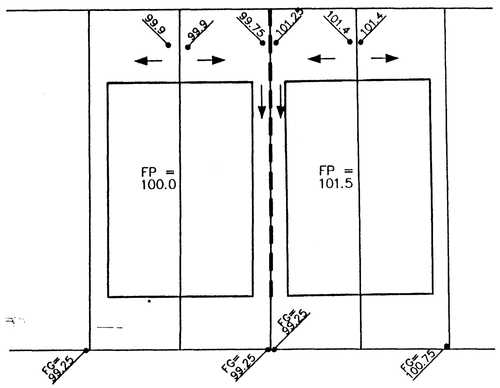
REVISIONS

		DATE
DESIGNED BY	DSD	AUG. 1996
DRAWN BY	PMT	AUG. 1996
CHECKED BY	DSD	AUG. 1996

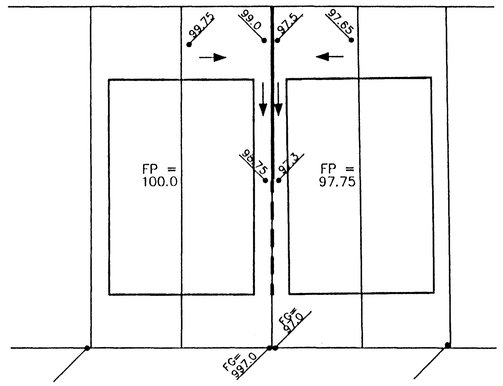
DESIGN

DWG: C:\PROJ\OESTEI\95-330\C:\PROJ\OESTEI\95-330\LCU3G_D
TIME: 05-13-97 11:11:01

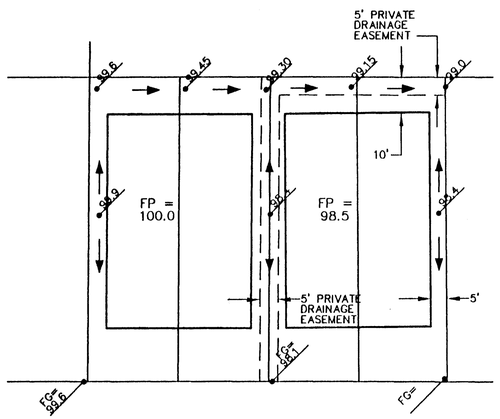
EXHIBIT 2C (REVISED)



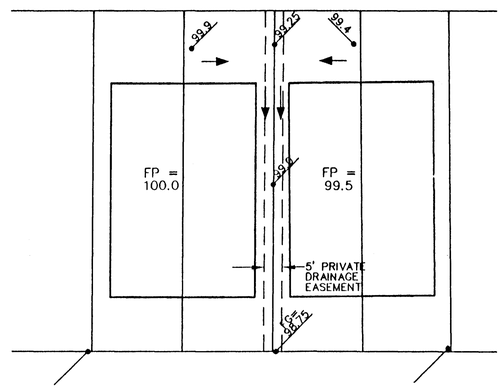
CASE 3a



CASE 1



CASE 3b

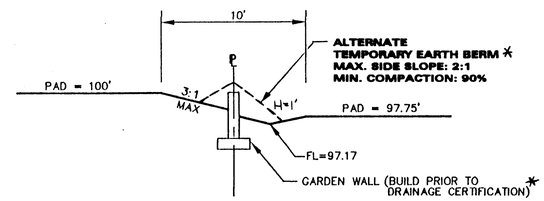


CASE 2

LEGEND

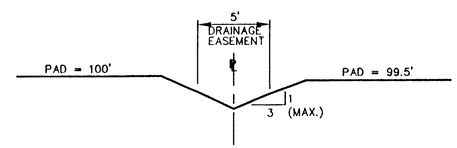
- SPOT ELEVATION
- DIRECTION OF FLOW
- GARDEN WALL
- RETAINING WALL
- HOUSE PAD
- DRAINAGE EASEMENT
- FP = 5276.9 — FINISHED PAD ELEVATION
- TW — TOP OF WALL
- BW — BOTTOM OF WALL
- FL — FLOWLINE

N



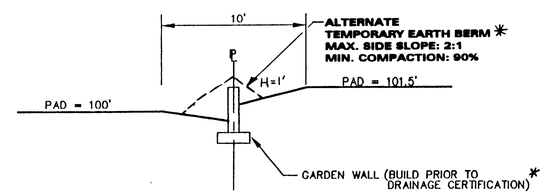
CASE 1

ADJACENT PAD
ELEVATION DIFFERENCE (h): 1.5'< h <2.25'



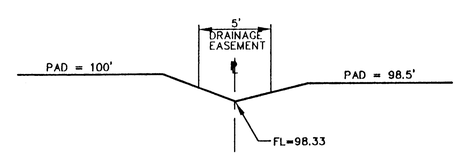
CASE 2

ADJACENT PAD
ELEVATION DIFFERENCE < .5'



CASE 3a

ADJACENT PAD
ELEVATION DIFFERENCE (h): .5'< h <1.5'
MIN. DIFFERENCE BETWEEN FP & FG = .75'



CASE 3b

ADJACENT PAD
ELEVATION DIFFERENCE (h): .5'< h <1.5'
MIN. DIFFERENCE BETWEEN FP & FG = .40'

* IF TEMPORARY EARTH BERM IS BUILT INSTEAD OF GARDEN WALL, TO FACILITATE CONSTRUCTION, IT MUST BE REPLACED WITH GARDEN WALL BY HOME BUILDER, PRIOR TO OCCUPANCY. THE WALLS SHOWN AS REQUIRED FOR DRAINAGE ARE THE ULTIMATE RESPONSIBILITY OF THE DEVELOPER, DEVELOPMENT SERVICES CO. LTD.

TYPICAL LOT DRAINAGE DETAILS

AT FRONT (STREET SIDE) EDGE OF PAD
FINISHED FLOOR ± .33' ABOVE PAD ELEVATION

SCANNED BY
BY JASON

DWG: C:\PROJ\OESTEIN\95-330\C:\PROJ\OESTEIN\95-330\TYPLD2
TIME: 05-23-97 14:29:40

AS-BUILT

Resource Technology, Inc.
ENGINEERS AND ENVIRONMENTAL SCIENTISTS
CIVIL • ENVIRONMENTAL • WATER RESOURCES • RECREATION • PLANNING
1720-B Randolph Rd. SE, Albuquerque, NM 87106
(505) 243-7300

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LA CUEVA OESTE, UNIT 3a, 3b & 3c
ATTACHED DWELLING UNIT
TYPICAL LOT DRAINAGE

Design Review Committee | City Engineer Approval | Last Design Update | No./Day/Yr. | No./Day/Yr.

APPROVED
JUL 23 1997
DESIGN REVIEW COMMITTEE

City Project No. 5232.91 | Zone Map No. C-18 | 57 2614

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY	DSD	DATE AUG 1996
DRAWN BY	PMT	DATE AUG 1996
CHECKED BY	DSD	DATE AUG 1996

DSD

ENGINEER'S SEAL
DONALD S. DIXON
NEW MEXICO 11043
REGISTERED PROFESSIONAL ENGINEER
5/29/97
10/16/97

SURVEY INFORMATION
FIELD NOTES

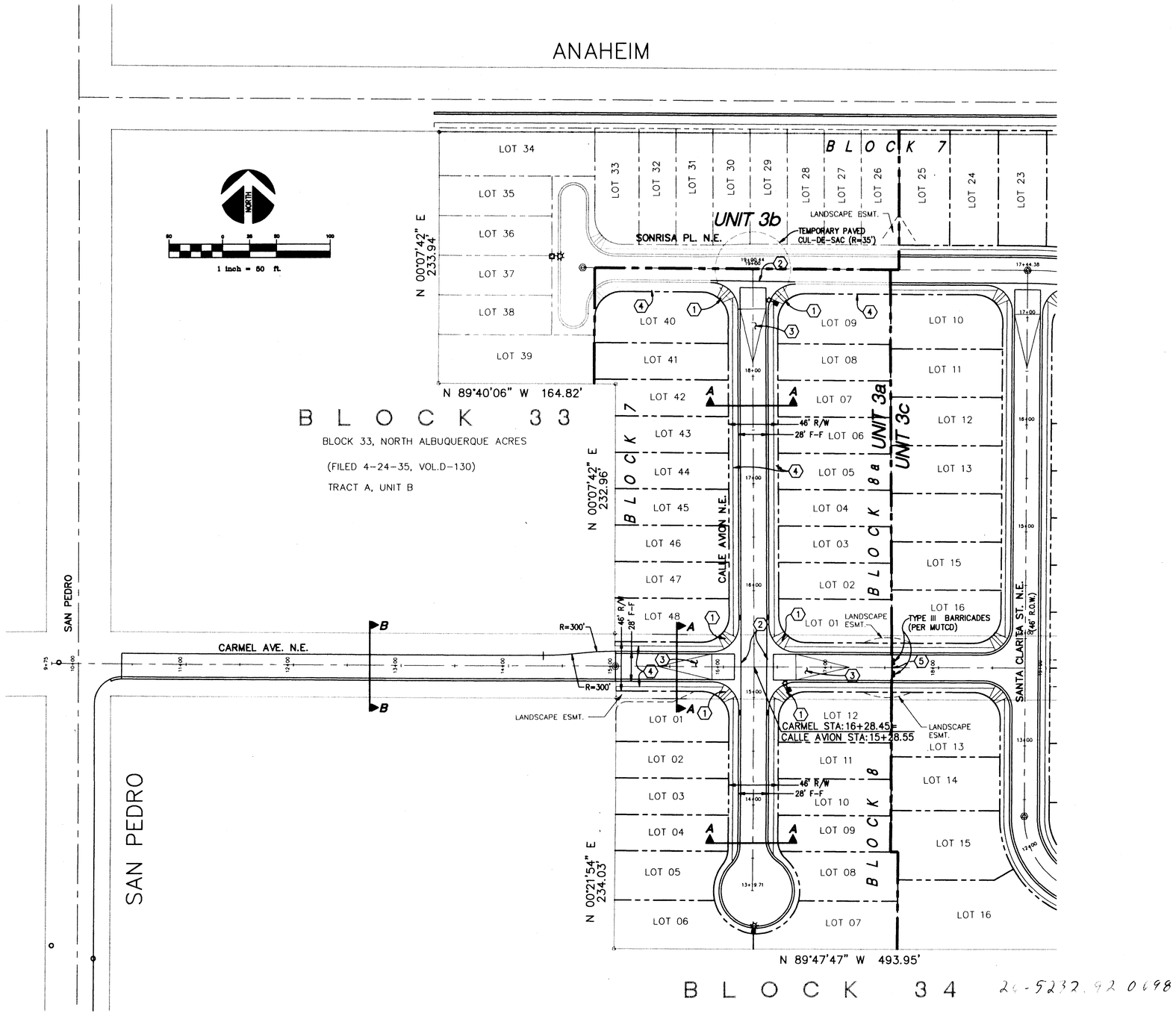
NO.	BY	DATE

BENCH MARKS

AS BUILT INFORMATION

CONTRACTOR	[illegible]	DATE 5-29-98
WORK STAKED BY	CDA	DATE 5-29-98
INSPECTOR'S ACCEPTANCE BY	CDA	DATE 5-29-98
FIELD VERIFICATION BY	CDA	DATE 5-29-98
DRAWINGS CORRECTED BY	CDA	DATE 5-29-98
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

EXHIBIT 2E (NEW)



NOTES:

1. SEE PLAT, SHEETS 2 & 3, FOR RIGHT-OF-WAY WIDTHS AND STREET CENTERLINE BEARING & DISTANCE INFORMATION.
2. CONTRACTOR SHALL CONDUCT OPERATIONS IN A MANNER WHICH WILL MINIMIZE INTERFERENCE WITH LOCAL TRAFFIC. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS, AND ORDERS OF ANY PUBLIC BODY HAVING JURISDICTION FOR THE SAFETY OF PERSONS OR PROPERTY, AND TO PROTECT THEM FROM DAMAGE, INJURY, OR LOSS. CONTRACTOR SHALL ERECT AND MAINTAIN, AS REQUIRED BY THE CONDITIONS AND PROGRESS OF THE WORK, ALL NECESSARY SAFEGUARDS FOR SAFETY CONTINUOUSLY AND NOT LIMITED TO NORMAL WORKING HOURS, THROUGHOUT THE DURATION OF THE PROJECT. CONTRACTOR SHALL ADHERE TO SECTION 19 (CONSTRUCTION TRAFFIC CONTROL) OF THE GENERAL CONDITIONS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION W/ UPDATE #6.
3. THE CONTRACTOR AGREES THAT HE SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER & ENGINEER FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
4. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH REFLECTORIZED PLASTIC PAVEMENT MARKING BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
5. CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
6. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS , RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
7. SEE SHEET 14 FOR CROSS SECTIONS AND PAVING SECTIONS.

CROWN TO NO CROWN TRANSITION (50' LEN) PER

CONSTRUCTION KEYED NOTES:

1 CONSTRUCT P.C.C. SIDEWALK, 4" THICK, TRANSITIONS TO HANDICAP ACCESS RAMPS AND P.C.C. RAMP PER STD. DWG.# 2441. CASE NO. 2. LENGTH OF RAMPS MAY VARY AS NEEDED, SLOPE NOT TO EXCEED 12:1.

2 CONSTRUCT P.C.C. VALLEY GUTTER AND GUTTER AND CURB PER STD. DWG.# 2422, 10' WIDE WITH 3/4" INVERT DEPTH.

3 CROWN TO NO CROWN TRANSITION (50' LEN) PER STD. DWG. # 2401.

4 4' WIDE P.C.C. SIDEWALK (NOT IN THIS CONTRACT).

5 CONSTRUCT CONCRETE CUTOFF WALL PER STD. DWG. # 2415.

AS BUILT INFORMATION

CONTRACTOR: Albuquerque-5 DATE 3-26-98
WORK STAKED BY: CoA DATE 5-24-98
WORK INSPECTED BY: CoA DATE 5-26-98
ACCEPTANCE BY: CoA DATE 5-26-98
FIELD VERIFICATION BY: CoA DATE 5-29-98
DRAWINGS CORRECTED BY:
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS

ACS STA. No. 1-C19
Y=1518845.74
X=40941.91
Z=5318.195

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

Terry O. Brown 10/17/97

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN
DESIGNED BY: TOB DATE: 10/97
DRAWN BY: TOB DATE: 10/97
CHECKED BY: TOB DATE: 10/97

AS-BUILT

Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, NM 87199
(505) 883-8807

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LA CUEVA OESTE, UNIT 3a
PAVING MASTER PLAN

Design Review Committee: APPROVED DEC 20 1997 DESIGN REVIEW COMMITTEE

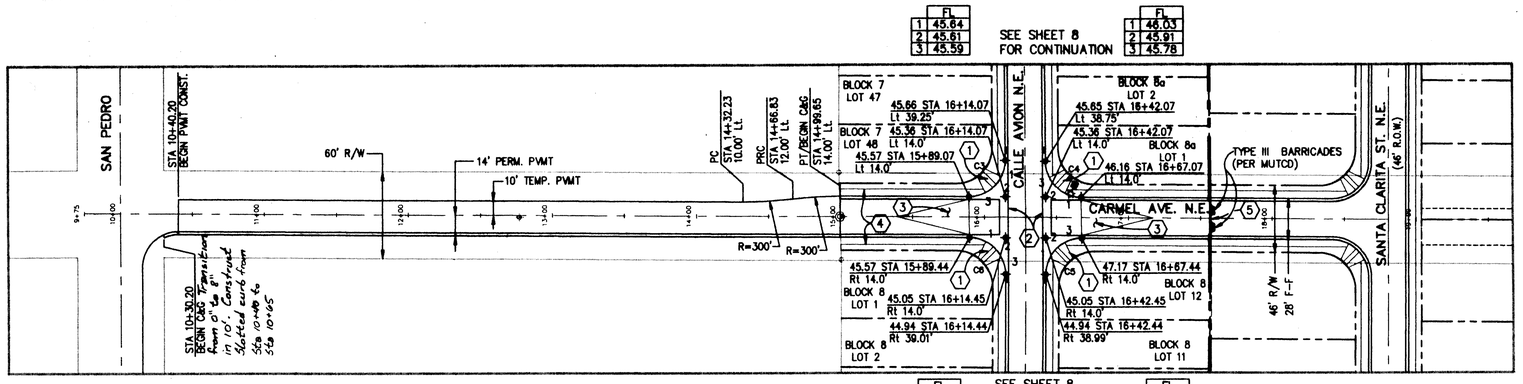
City Engineer Approval

Last Design Update: Mo./Day/Yr. Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
5232.92	C-18-Z	6	14

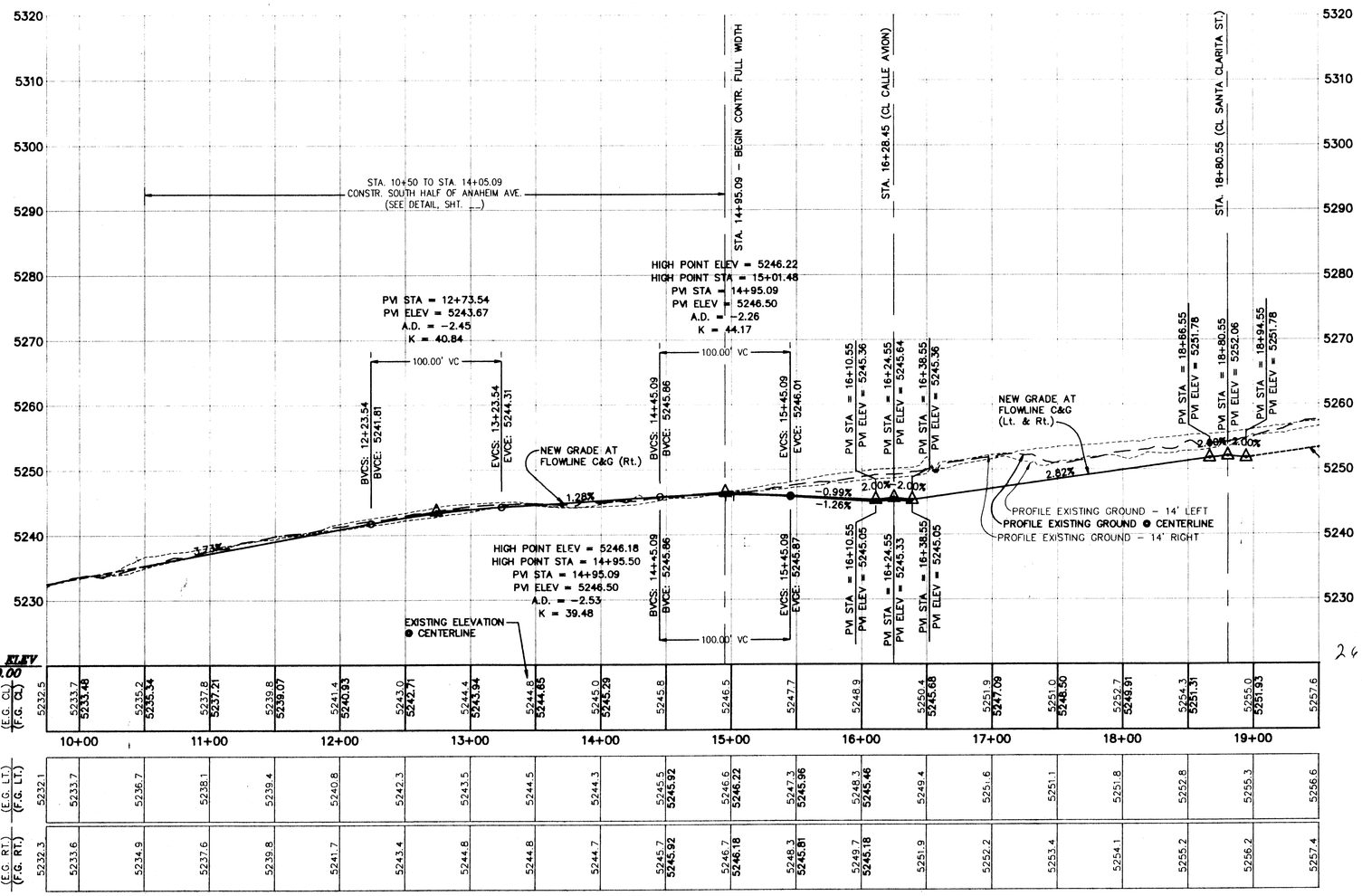
LC3AMPLN.DWG

SCANNED BY BY LASON



CURVE DATA AT FACE OF CURB						
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD LEN	CHORD DIR
C1	39.52	25.00	90°33'43"	25.25	35.53	S45°03'38"W
C2	39.02	25.00	89°26'17"	24.76	35.18	N44°56'22"W
C3	39.52	25.00	90°33'43"	25.25	35.53	N45°03'38"E
C4	39.02	25.00	89°26'17"	24.76	35.18	S44°56'22"E
C5	39.26	25.00	89°58'35"	24.99	35.35	S45°21'12"W
C6	39.28	25.00	90°01'25"	25.01	35.36	N44°38'48"W
C7	20.84	25.00	44°13'12"	10.97	20.32	N22°28'30"E
C8	25.60	25.00	54°18'53"	13.85	24.65	S26°47'32"E
C9	160.42	35.00	278°32'05"	28.42	43.07	N85°19'04"E

CARMEL AVE.



SCALE
HORIZ: 1"=50'
VERT: 1"=10'

NOTES:

1. NEW ELEVATIONS SHOWN ARE FLOWLINE OF CURB AND GUTTER UNLESS OTHERWISE NOTED.
2. THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DETAIL DRAWINGS APPLY TO THIS SHEET:
   - DWG 2401 – TYP. RES. STREET INTERS.
   - DWG 2405 – RESIDENTIAL STREET SECTION
   - DWG 2415 – CURB AND GUTTER
   - DWG 2418 – MOUNTABLE TO STANDARD CURB TRANSITION
   - DWG 2420 – CONCRETE VALLEY GUTTER
   - DWG 2430 – SIDEWALK DETAILS
   - DWG 2440 – WHEEL CHAIR RAMP
   - DWG 2441 – WHEEL CHAIR RAMP
   - DWG 2250 – REMOVABLE POSTS
3. SEE PLAT, SHEETS 2 & 3, FOR RIGHT OF WAY WIDTHS AND STREET CENTERLINE BEARING & DISTANCE INFORMATION.

⬡ CONSTRUCTION KEYED NOTES:

1. CONSTRUCT P.C.C. SIDEWALK, 4" THICK, TRANSITIONS TO HANDICAP ACCESS RAMPS AND P.C.C. RAMP PER STD. DWG. # 2441. CASE NO. 2.
2. CONSTRUCT P.C.C. VALLEY GUTTER AND GUTTER AND CURB PER STD. DWG. # 2420. 10' WIDE WITH ~~1'-7½"~~ 5'-7½" INVERT DEPTH.
3. CROWN TO NO CROWN TRANSITION (50' LEN) PER STD. DWG. # 2401.
4. 4' WIDE P.C.C. SIDEWALK (NOT IN THIS CONTRACT).
5. CONSTRUCT CONCRETE CUTOFF WALL PER STD. DWG. # 2415.

AS BUILT INFORMATION
CONTRACTOR: Nash Construction
WORK STAKED BY: CJA DATE 5-29-98
ACCEPTANCE BY: CJA DATE 5-29-98
FIELD VERIFICATION BY: CJA DATE 5-29-98
DRAWINGS CORRECTED BY: CJA DATE 5-29-98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Terry O. Brown 10/14/97

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: TOB DATE: 10/97
DRAWN BY: TOB DATE: 10/97
CHECKED BY: TOB DATE: 10/97

AS-BUILT

Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, NM 87199
(505) 883-8807

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LA CUEVA OESTE, UNIT 3a
PAVING PLAN AND PROFILE
CARMEL AVE. (Sta. 9+75 to Sta. 18+80.55)

City Engineer Approval — DEBNON REVIEW COMMITTEE
Last Design Update — Mo./Day/Yr. — Mo./Day/Yr.

City Project No. 5232.92 | Zone Map No. C-18-Z | Sheet 7 Of 14

LC3A_PP.DWG / VIEW:R:1

24-5232.92 0718

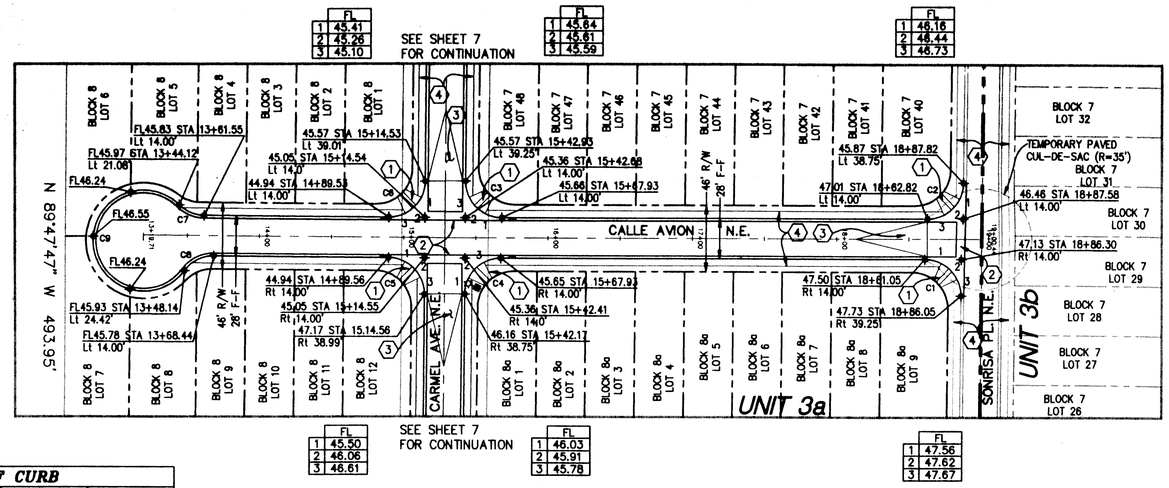
SCANNED BY BY LASON

NOTE: ⚠

STA. 10+00 TO STA. 14+75 (LT. & RT.) – CONSTR. P.C.C. MOUNTABLE ROLL CURB (CITY STD. DWG. #2415).
STA. 14+75 TO STA. 14+80 (LT. & RT.) – TRANSITION FROM MOUNTABLE ROLL CURB TO STD. C&G (CITY STD. DWG. #2415).

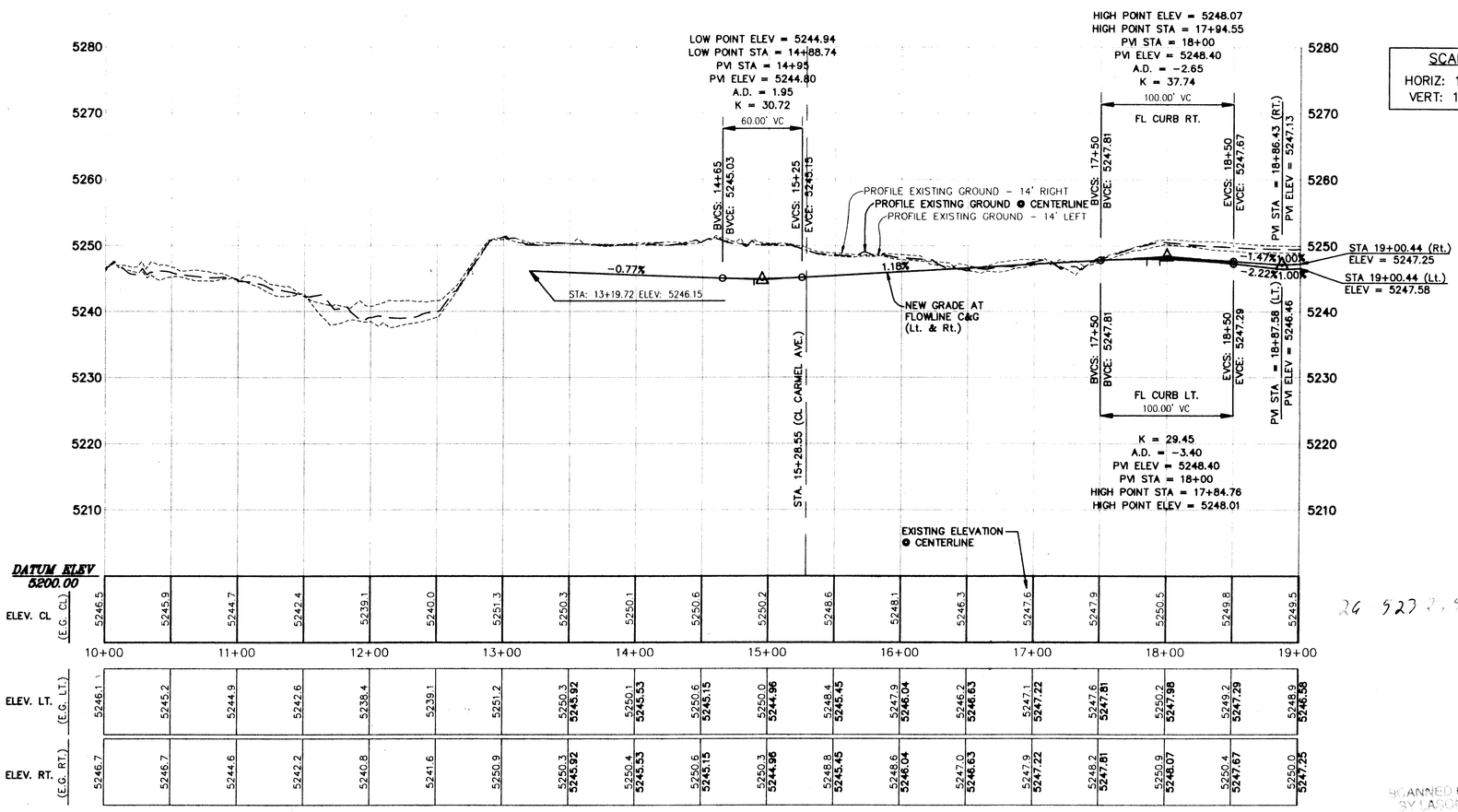
STA. 15+67.93 TO STA. 15+75 (LT. & RT.) – TRANSITION FROM P.C.C. STD. C&G TO MOUNTABLE ROLL CURB.
STA. 15+75 TO STA. 18+54 (LT. & RT.) – CONSTR. P.C.C. MOUNTABLE ROLL CURB (CITY STD. DWG. #2415).
STA. 18+54 TO STA. 18+61 (LT. & RT.) – TRANSITION FROM MOUNTABLE ROLL CURB TO STD. C&G (CITY STD. DWG. #2415).

ALL CURB AND GUTTER ON CARMEL AVE. SHALL BE P.C.C. STD. C&G (CITY STD. DWG. #2415).



CURVE DATA AT FACE OF CURB						
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD LEN	CHORD DIR
C1	39.52	25.00	90°33'43"	25.25	35.53	S45°03'38"W
C2	39.02	25.00	89°26'17"	24.76	35.18	N44°56'22"W
C3	39.52	25.00	90°33'43"	25.25	35.53	N45°03'38"E
C4	39.02	25.00	89°26'17"	24.76	35.18	S44°56'22"E
C5	39.26	25.00	89°58'35"	24.99	35.35	S45°21'12"W
C6	39.28	25.00	90°01'25"	25.01	35.36	N44°38'48"W
C7	20.84	25.00	44°13'12"	10.97	20.32	N22°28'30"E
C8	25.60	25.00	54°18'53"	13.85	24.65	S26°47'32"E
C9	160.42	35.00	278°32'05"	28.42	43.07	N65°19'04"E

CALLE AVION N.E.



SCALE
HORIZ: 1"=50'
VERT: 1"=10'

NOTES:

1. NEW ELEVATIONS SHOWN ARE FLOWLINE OF CURB AND GUTTER UNLESS OTHERWISE NOTED.
2. THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DETAIL DRAWINGS APPLY TO THIS SHEET:
   DWG 2401 – TYP. RES. STREET INTERS.
   DWG 2405 – RESIDENTIAL STREET SECTION
   DWG 2415 – CURB AND GUTTER
   DWG 2418 – MOUNTABLE TO STANDARD CURB TRANSITION
   DWG 2420 – CONCRETE VALLEY GUTTER
   DWG 2430 – SIDEWALK DETAILS
   DWG 2440 – WHEEL CHAIR RAMP
   DWG 2441 – WHEEL CHAIR RAMP
   DWG 2250 – REMOVABLE POSTS
3. SEE PLAT, SHEETS 2 & 3, FOR RIGHT OF WAY WIDTHS AND STREET CENTERLINE BEARING & DISTANCE INFORMATION.

⬡ CONSTRUCTION KEYED NOTES:

1 CONSTRUCT P.C.C. SIDEWALK, 4" THICK, TRANSITIONS TO HANDICAP ACCESS RAMPS AND P.C.C. RAMP PER STD. DWG.# 2441. CASE NO. 2.

2 CONSTRUCT P.C.C. VALLEY GUTTER AND GUTTER AND CURB PER STD. DWG.# 2420, 18' WIDE WITH ~~1'-6"~~ 3/4" INVERT DEPTH.

3 CROWN TO NO CROWN TRANSITION (50' LEN) PER STD. DWG. # 2401.

4 4' WIDE P.C.C. SIDEWALK (NOT IN THIS CONTRACT).

5 CONSTRUCT CONCRETE CUTOFF WALL PER STD. DWG. # 2415.

AS-BUILT

Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, NM 87199
(505) 883-8807

26 5232.92 0898

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LA CUEVA OESTE, UNIT 3a
PAVING PLAN AND PROFILE
CALLE AVION N.E. (Sta. 13+19.71 to Sta. 19+00.44)

APPROVED MAR 2 5 1998 DEVELOPMENT REVIEW COMMITTEE

City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
5232.92	C-18-Z	8	14

AS BUILT INFORMATION
CONTRACTOR Nav Concepts DATE 5-26-98
STAKED BY CGA DATE 5-26-98
INSPECTOR'S ACCEPTANCE BY CGA DATE 5-26-98
FIELD VERIFIED BY CGA DATE 5-26-98
VERIFICATION BY CGA DATE 5-26-98
DRAWINGS CORRECTED BY CGA DATE 5-26-98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
10/17/97

NO.	DATE	REMARKS	BY
1-98		MOUNTABLE ROLL CURBS ON CALLE AVION	

REVISIONS
DESIGN
DESIGNED BY: TOB DATE: 10/97
DRAWN BY: TOB DATE: 10/97
CHECKED BY: TOB DATE: 10/97

LC3A_PP.DWG / VIEW:R:2

SCANNED BY BY LASON

SANITARY SEWER SERVICE TABLE - LA CUEVA OESTE, UNIT 3a

Block 7

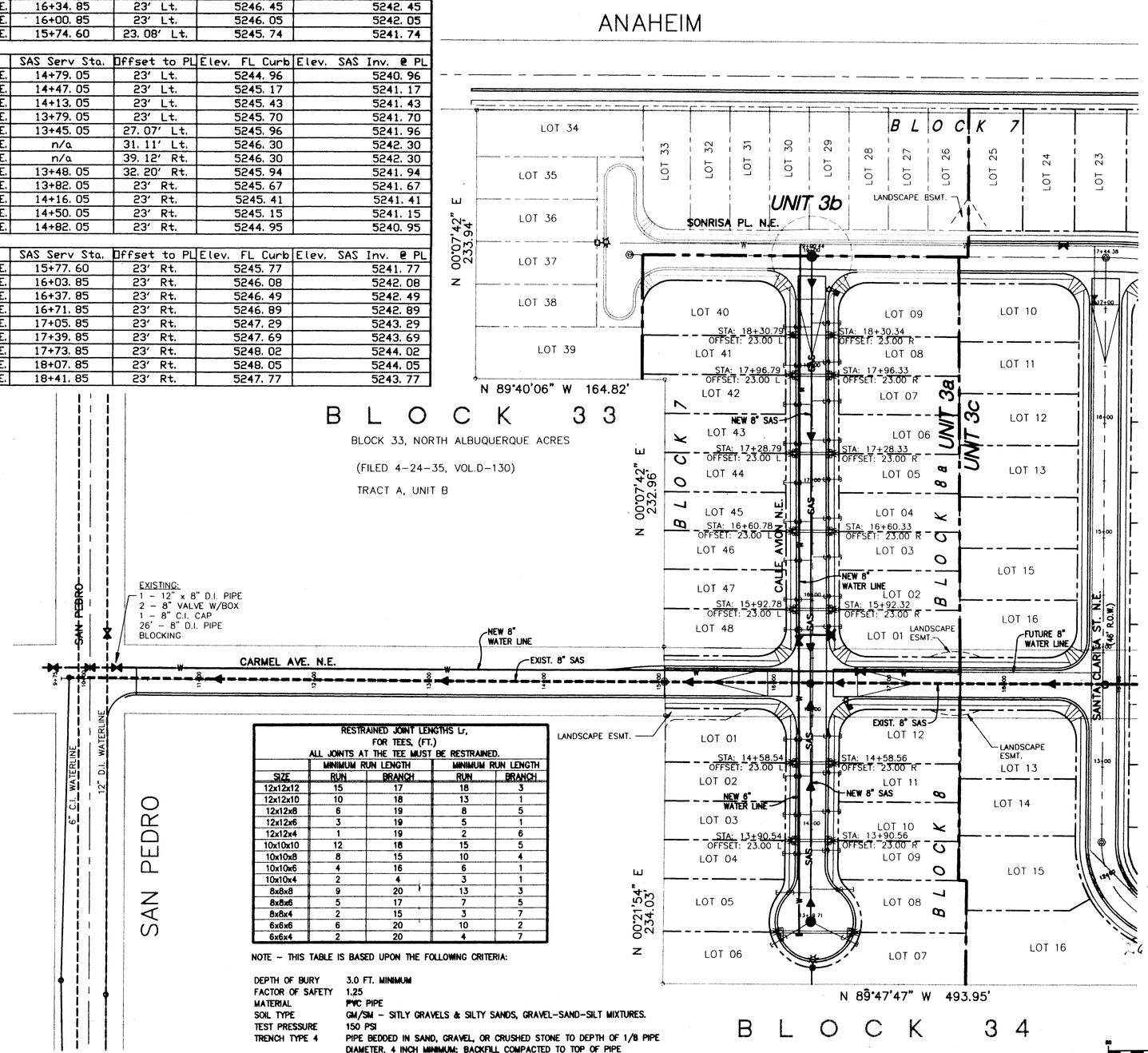
Lot No.	Street	SAS Serv Sta.	Offset to PL	Elev. FL Curb	Elev. SAS Inv. @ PL
40	CALLE AVION N.E.	18+38.85	23' Lt.	5247.81	5243.81
41	CALLE AVION N.E.	18+04.85	23' Lt.	5248.06	5244.06
42	CALLE AVION N.E.	17+70.85	23' Lt.	5248.00	5244.00
43	CALLE AVION N.E.	17+36.85	23' Lt.	5247.65	5243.65
44	CALLE AVION N.E.	17+02.85	23' Lt.	5247.25	5243.25
45	CALLE AVION N.E.	16+68.85	23' Lt.	5246.85	5242.85
46	CALLE AVION N.E.	16+34.85	23' Lt.	5246.45	5242.45
47	CALLE AVION N.E.	16+00.85	23' Lt.	5246.05	5242.05
48	CALLE AVION N.E.	15+74.60	23.08' Lt.	5245.74	5241.74

Block 8

Lot No.	Street	SAS Serv Sta.	Offset to PL	Elev. FL Curb	Elev. SAS Inv. @ PL
1	CALLE AVION N.E.	14+79.05	23' Lt.	5244.96	5240.96
2	CALLE AVION N.E.	14+47.05	23' Lt.	5245.17	5241.17
3	CALLE AVION N.E.	14+13.05	23' Lt.	5245.43	5241.43
4	CALLE AVION N.E.	13+79.05	23' Lt.	5245.70	5241.70
5	CALLE AVION N.E.	13+45.05	27.07' Lt.	5245.96	5241.96
6	CALLE AVION N.E.	n/a	31.11' Lt.	5246.30	5242.30
7	CALLE AVION N.E.	n/a	39.12' Rt.	5246.30	5242.30
8	CALLE AVION N.E.	13+48.05	32.20' Rt.	5245.94	5241.94
9	CALLE AVION N.E.	13+82.05	23' Rt.	5245.67	5241.67
10	CALLE AVION N.E.	14+16.05	23' Rt.	5245.41	5241.41
11	CALLE AVION N.E.	14+50.05	23' Rt.	5245.15	5241.15
12	CALLE AVION N.E.	14+82.05	23' Rt.	5244.95	5240.95

Block 8a

Lot No.	Street	SAS Serv Sta.	Offset to PL	Elev. FL Curb	Elev. SAS Inv. @ PL
1	CALLE AVION N.E.	15+77.60	23' Rt.	5245.77	5241.77
2	CALLE AVION N.E.	16+03.85	23' Rt.	5246.08	5242.08
3	CALLE AVION N.E.	16+37.85	23' Rt.	5246.49	5242.49
4	CALLE AVION N.E.	16+71.85	23' Rt.	5246.89	5242.89
5	CALLE AVION N.E.	17+05.85	23' Rt.	5247.29	5243.29
6	CALLE AVION N.E.	17+39.85	23' Rt.	5247.69	5243.69
7	CALLE AVION N.E.	17+73.85	23' Rt.	5248.02	5244.02
8	CALLE AVION N.E.	18+07.85	23' Rt.	5248.05	5244.05
9	CALLE AVION N.E.	18+41.85	23' Rt.	5247.77	5243.77



AS-BUILT

26-5232.92 09981

RESTRAINED JOINT LENGTHS Lr, FOR TEES, (FT.) ALL JOINTS AT THE TEE MUST BE RESTRAINED.				
	MINIMUM RUN LENGTH		MINIMUM RUN LENGTH	
SIZE	RUN	BRANCH	RUN	BRANCH
12x12x12	15	17	18	3
12x12x10	10	18	13	1
12x12x8	6	19	8	5
12x12x6	3	19	5	1
12x12x4	1	19	2	6
10x10x10	12	18	15	5
10x10x8	8	15	10	4
10x10x6	4	16	6	1
10x10x4	2	4	3	1
8x8x8	9	20	13	3
8x8x6	5	17	7	5
8x8x4	2	15	3	7
6x6x6	6	20	10	2
6x6x4	2	20	4	7

NOTE - THIS TABLE IS BASED UPON THE FOLLOWING CRITERIA:

DEPTH OF BURY	3.0 FT. MINIMUM
FACTOR OF SAFETY	1.25
MATERIAL	PVC PIPE
SOIL TYPE	GM/SM - SITLY GRAVELS & SILTY SANDS, GRAVEL-SAND-SILT MIXTURES.
TEST PRESSURE	150 PSI
TRENCH TYPE 4	PIPE BEDDED IN SAND, GRAVEL, OR CRUSHED STONE TO DEPTH OF 1/8 PIPE DIAMETER, 4 INCH MINIMUM; BACKFILL COMPACTED TO TOP OF PIPE

DIFFERENT CRITERIA, E.G., DUCTILE IRON PIPE, GREATER DEPTH OF BURY, ETC., WILL REQUIRE DIFFERENT RESTRAINED LENGTHS. THESE MUST BE CALCULATED BY A QUALIFIED PROFESSIONAL ENGINEER AND APPROVED BY THE PUBLIC WORKS DEPARTMENT.

LEGEND

NEW CURB & GUTTER
NEW SAS MAINLINE
NEW SAS SERVICE LINE
NEW SAS MANHOLE
NEW WATER MAINLINE
NEW WATER SERVICE LINE
NEW GATE VALVE
NEW FIRE HYDRANT
NEW STREET LIGHT
NEW VALLEY GUTTER

WATER AND SEWER NOTES

1. CONSTRUCT 4'ø TYPE "C" MANHOLES PER STD. DWG.# 2101.
2. CONSTRUCT SAS SERVICE LINES PER STD. DWG.# 2125.
3. CONSTRUCT ALL CONCRETE BLOCKING PER STD. DWG.# 2320.
4. CONSTRUCT ALL VALVE BOXES PER NEW C.O.A. VALVE BOX DETAIL WITH NON-TAPERED CONCRETE COLLAR.
5. CONSTRUCT ALL FIRE HYDRANTS PER DESIGNATED DEPTHS AND LENGTHS PER STD. DWG.# 2340.
6. CONSTRUCT ALL SINGLE AND DOUBLE WATER SERVICE LINES PER STD. DWG.# 2361, 2362 AND 2363.
*7. RESTRAINT DISTANCES FOR PIPE FITTINGS SHALL BE DEFINED BY TABLE ON THIS SHEET.
8. ALL WATERLINES SHALL BE C-900 PVC UNLESS OTHERWISE NOTED.
9. CONTRACTOR SHALL SUPPORT ALL EXISTING UNDERGROUND UTILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR SUPPORTING WORK SHALL BE INCIDENTAL TO WATERLINE AND/OR SEWER LINE COSTS.
10. PROPOSED WATERLINE MATERIALS SHALL BE EITHER P.V.C. PIPE MEETING AWWA C-900 REQUIREMENTS (6"-12" DIA.) OR DUCTILE IRON PIPE, THICKNESS CLASS 50 (6"-16" DIA.).
11. EXISTING CURB AND GUTTER NOT CALLED OUT TO BE REMOVED UNDER THE CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
12. THE CONTRACTOR SHALL SUPPORT AND MAINTAIN THE INTEGRITY OF ALL UTILITIES AT NO ADDITIONAL COST TO THE OWNER. ANY UTILITY RELOCATION THAT IS NECESSARY IS TO BE COORDINATED WITH THE UTILITY OWNER AND SHALL BE PAID FOR AS OUTLINED IN THE SPECIAL PROVISIONS OF THE CONTRACT DOCUMENTS.
13. SAS SERVICE INV. AT PROPERTY LINE SHALL BE 4' MIN. BELOW FLOWLINE OF CURB. SAS SERVICES AT IDENTICAL STATIONS SHALL BE OFFSET 1.5' NORTH & SOUTH (OR EAST & WEST) AT TIE INTO MAIN
14. SEE THIS SHEET FOR SAS AND WATER SERVICE INFORMATION.
15. PNM (PUBLIC SERVICE CO. OF NEW MEXICO) WILL PROVIDE AT NO COST TO THE CITY OR TO THE CONTRACTOR THE REQUIRED PERSONNEL FOR INSPECTION OR OBSERVATION DEEMED NECESSARY BY PNM WHILE THE CONTRACTOR IS EXPOSING PNM'S CABLES. HOWEVER, THEN CONTRACTOR SHALL BE CHARGED THE TOTAL COST ASSOCIATED WITH REPAIRS TO ANY DAMAGES CABLES OR FOR ANY COST ASSOCIATED WITH SUPPORTING OR RELOCATING THE POLES AND CABLES DURING CONSTRUCTION.

RESTRAINED JOINT LENGTHS Lr, FOR HORIZONTAL BENDS, VALVES, AND DEAD ENDS, (FT.)					
	HORIZONTAL BENDS				VALVES &
SIZE	90°	45°	22-1/2°	11-1/4°	DEAD ENDS
12	30	12	6	3	85
10	26	11	5	3	72
8	22	9	4	2	60
6	17	7	3	2	46
4	12	5	2	1	32

RESTRAINED JOINT LENGTHS, Lr, FOR REDUCERS, (FT.) MINIMUM, UNOBSTRUCTED, STRAIGHT-RUN LENGTH: RESTRAIN EITHER LARGE PIPE, OR SMALL PIPE.					
SIZE	LARGE SIDE	SMALL SIDE	SIZE	LARGE SIDE	SMALL SIDE
12 x 10	25	30	10 x 6	44	73
12 x 8	45	68	10 x 4	58	141
12 x 6	62	121	8 x 6	25	33
12 x 4	74	213	8 x 4	43	83
10 x 8	24	30	6 x 4	24	35

Tony O. Brown, P.E.
P. O. Box 92051
Albuquerque, NM 87199
(505) 883-8807

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LA CUEVA OESTE, UNIT 3a
UTILITY MASTER PLAN & UTILITY TABLES

AS BUILT INFORMATION
CONTRACTOR NEW CONCEPTS DATE 1-5-98
WORK STAKED BY CDA INSPECTOR DATE 5-29-98
ACCEPTANCE BY CDA DATE 5-29-98
FIELD VERIFICATION BY CDA DATE 5-29-98
DRAWINGS CORRECTED BY CDA DATE 5-29-98
AFCAD-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
TONY O. BROWN
NEW MEXICO
6845
10/17/97

NO.	DATE	REMARKS	BY
		REVISIONS	

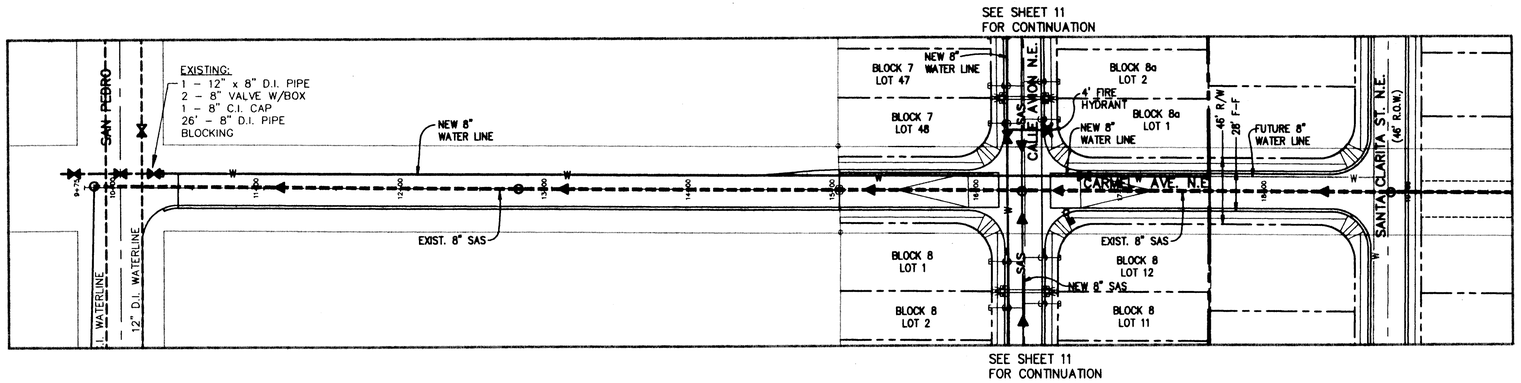
DESIGN
DESIGNED BY: TOB DATE: 10/97
DRAWN BY: TOB DATE: 10/97
CHECKED BY: TOB DATE: 10/97

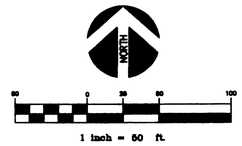
Design Review Committee — APPROVED OCT 01 1997 — DESIGN REVIEW COMMITTEE
City Engineer Approval
Last Design Update — Mo./Day/Yr. — Mo./Day/Yr.

City Project No. 5232.92 | Zone Map No. C-18-Z | Sheet 9 | Of 14

LC3AMPLN.DWG

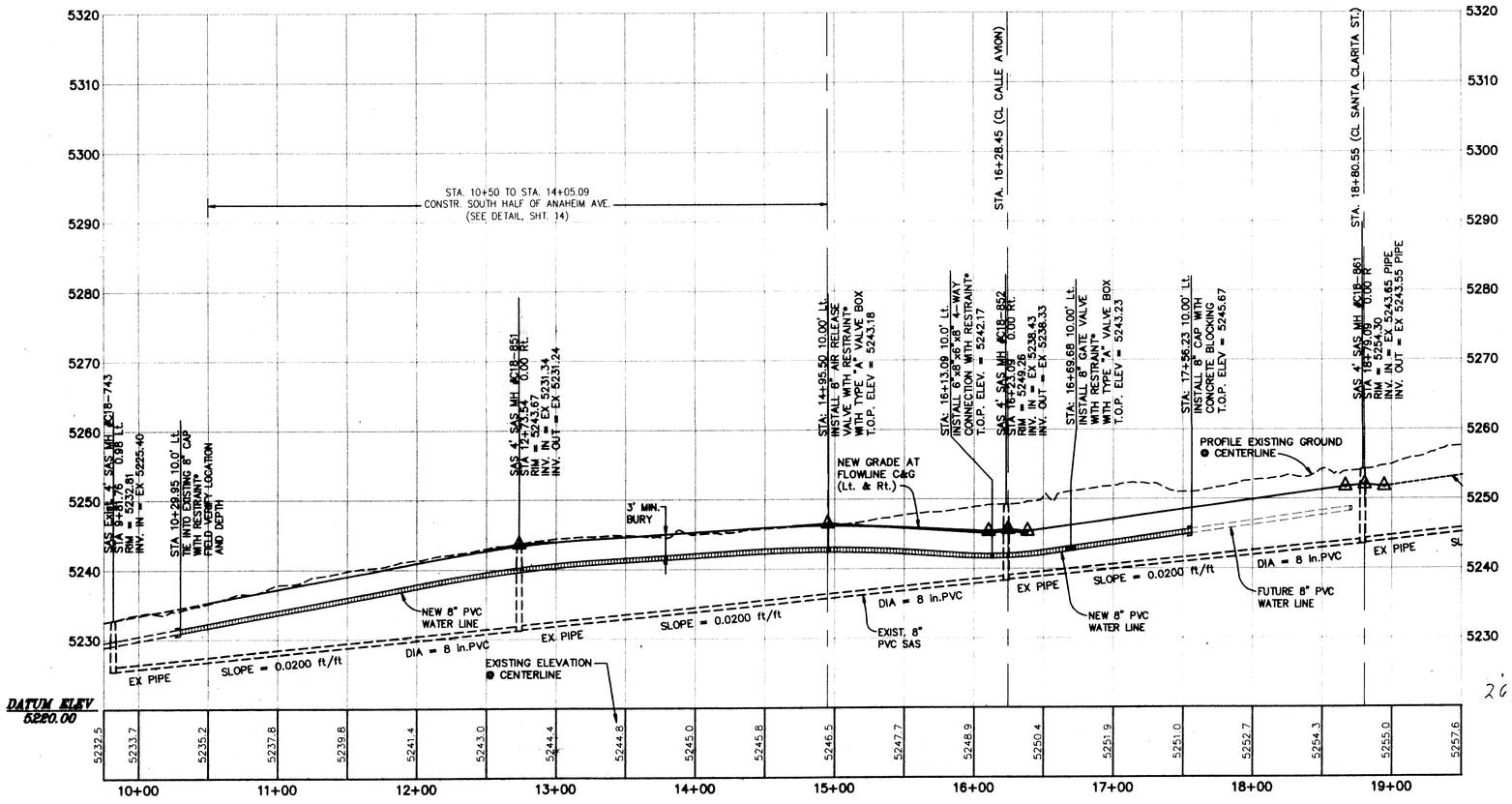
SCANNED BY BY JASON





SCALE
HORIZ: 1"=50'
VERT: 1"=10'

CARMEL AVE.



26 5232.92

SCANNED BY
RY LASON

LC3A_UPP.DWG / VIEW:R:2

LEGEND

- NEW CURB & GUTTER
- NEW SAS MAINLINE — SAS —
- NEW SAS SERVICE LINE
- NEW SAS MANHOLE
- NEW WATER MAINLINE — W —
- NEW WATER SERVICE LINE
- NEW GATE VALVE
- NEW FIRE HYDRANT
- NEW STREET LIGHT
- NEW VALLEY GUTTER

WATER AND SEWER NOTES

1. CONSTRUCT 4'ø TYPE "E" MANHOLES PER STD. DWG.# 2102.
2. CONSTRUCT SAS SERVICE LINES PER STD. DWG.# 2125.
3. CONSTRUCT ALL CONCRETE BLOCKING PER STD. DWG.# 2320. CONCRETE BLOCKING SHALL BE UTILIZED ONLY WHERE SPECIFICALLY CALLED OUT ON PLAN.
4. CONSTRUCT ALL VALVE BOXES PER NEW C.O.A. VALVE BOX DETAIL WITH NON-TAPERED CONCRETE COLLAR.
5. CONSTRUCT ALL FIRE HYDRANTS PER DESIGNATED DEPTHS AND LENGTHS PER STD. DWG.# 2340. USE FULL RESTRAINT ON FIRE HYDRANT LEGS FROM MAIN TO FIRE HYDRANT FLANGE.
6. CONSTRUCT ALL SINGLE AND DOUBLE WATER SERVICE LINES PER STD. DWG.# 2361, 2362 AND 2363.
7. SEE SHEET 9 FOR SAS AND WATER SERVICE INFORMATION.

*8. RESTRAINT DISTANCES FOR PIPE FITTINGS SHALL BE DEFINED BY TABLE ON SHEET 9.

9. ALL WATERLINES SHALL BE C-900 PVC UNLESS OTHERWISE NOTED.
10. PAVEMENT REPLACEMENT AS PER CITY STD. DWG. # 2465 (IF REQUIRED).

AS-BUILT

Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, NM 87199
(505) 883-8807

AS BUILT INFORMATION
CONTRACTOR: NEW CONCEPTS DATE 5-28-98
WORK STAKED BY: CDA DATE 5-28-98
WORK INSPECTED BY: SAS DATE 5-28-98
ACCEPTANCE: DATE 5-28-98
FIELD VERIFICATION BY: CDA DATE 5-28-98
DRAWINGS CORRECTED BY: CDA DATE 5-28-98
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS
ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
TERRY O. BROWN
NEW MEXICO
10/7/97

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

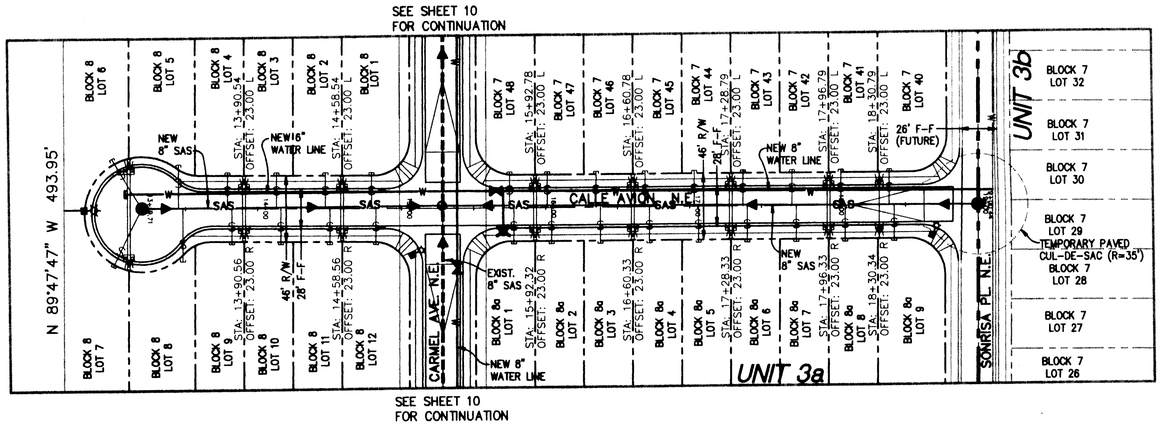
DESIGNED BY: TOB DATE: 10/97
DRAWN BY: TOB DATE: 10/97
CHECKED BY: TOB DATE: 10/97

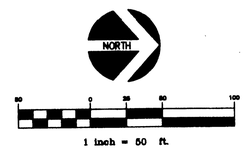
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LA CUEVA OESTE, UNIT 3a
UTILITY PLAN AND PROFILE
CARMEL AVE. (Sta. 9+75 to Sta. 18+80.55)

Design Review Committee: APPROVED DEC 10 1997 DESIGN REVIEW COMMITTEE
City Engineer Approval
Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

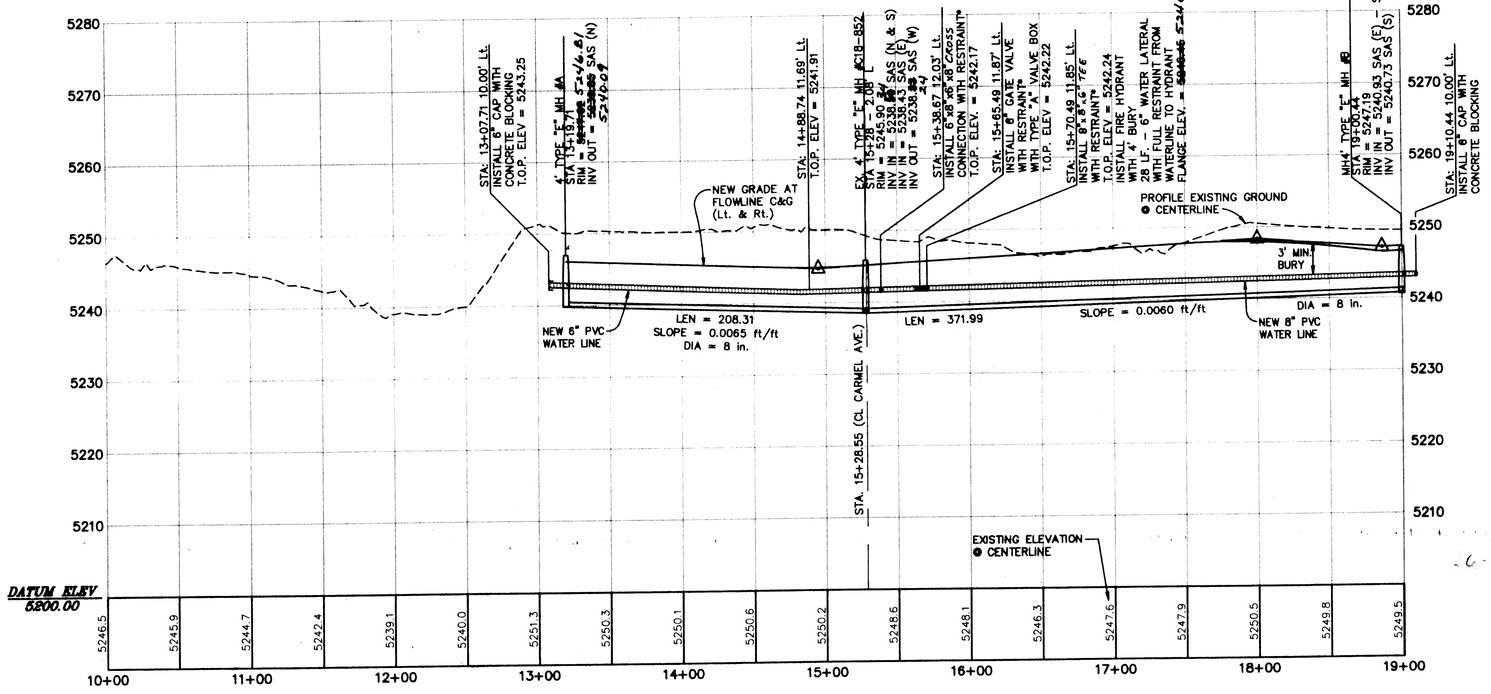
City Project No.	Zone Map No.	Sheet	Of
5232.92	C-18-Z	10	14





CALLE AVION N.E.

SCALE
HORIZ: 1"=50'
VERT: 1"=10'



6-5232.92 1/98

SCANNED BY RN LASOM

LC3A_UPP.DWG / VIEW:R;2

LEGEND

- NEW CURB & CUTTER
- NEW SAS MAINLINE — SAS —
- NEW SAS SERVICE LINE — S —
- NEW SAS MANHOLE
- NEW WATER MAINLINE — W —
- NEW WATER SERVICE LINE
- NEW GATE VALVE
- NEW FIRE HYDRANT
- NEW STREET LIGHT
- NEW VALLEY GUTTER

WATER AND SEWER NOTES

1. CONSTRUCT 4'ø TYPE "E" MANHOLES PER STD. DWG.# 2102.
2. CONSTRUCT SAS SERVICE LINES PER STD. DWG.# 2125.
3. CONSTRUCT ALL CONCRETE BLOCKING PER STD. DWG.# 2320. CONCRETE BLOCKING SHALL BE UTILIZED ONLY WHERE SPECIFICALLY CALLED OUT ON PLAN.
4. CONSTRUCT ALL VALVE BOXES PER NEW C.O.A. VALVE BOX DETAIL WITH NON-TAPERED CONCRETE COLLAR.
5. CONSTRUCT ALL FIRE HYDRANTS PER DESIGNATED DEPTHS AND LENGTHS PER STD. DWG.# 2340. USE FULL RESTRAINT ON FIRE HYDRANT LEGS FROM MAIN TO FIRE HYDRANT FLANGE.
6. CONSTRUCT ALL SINGLE AND DOUBLE WATER SERVICE LINES PER STD. DWG.# 2361, 2362 AND 2363.
7. SEE SHEET 9 FOR SAS AND WATER SERVICE INFORMATION.

*8. RESTRAINT DISTANCES FOR PIPE FITTINGS SHALL BE DEFINED BY TABLE ON SHEET 9.

9. ALL WATERLINES SHALL BE C-900 PVC UNLESS OTHERWISE NOTED.

AS BUILT INFORMATION
CONTRACTOR New Construct
WORK STAKED BY COA DATE 5-29-98
STAKING OK'D BY COA DATE 5-29-98
ACCEPTANCE BY COA DATE 5-29-98
VERIFICATION BY COA DATE 5-29-98
DRAWINGS CORRECTED BY COA DATE 5-29-98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE
ACS STA. No. 1-C19
Y=1518845.74
X=40941.91
Z=5318.195

ENGINEER'S SEAL
TONY O. BROWN
NEW MEXICO
6540
PROFESSIONAL ENGINEER
LS/1/01

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY: TOB DATE: 10/97
DRAWN BY: TOB DATE: 10/97
CHECKED BY: TOB DATE: 10/97

AS-BUILT

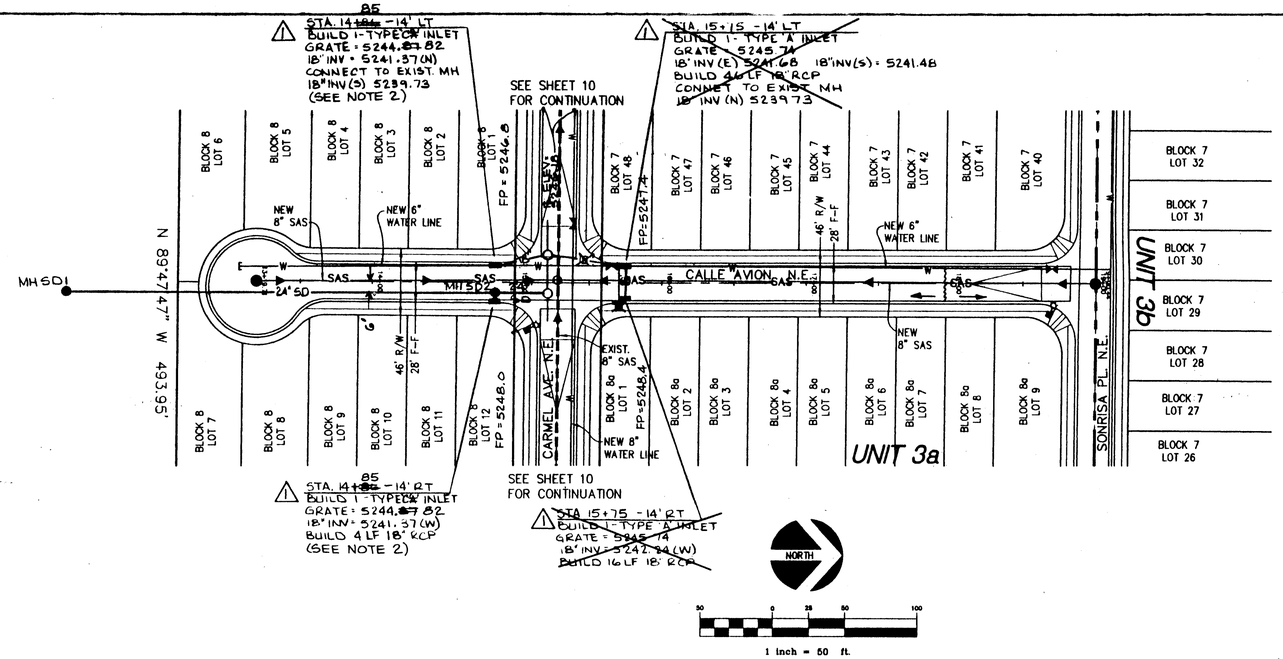
Tony O. Brown, P.E.
P. O. Box 92051
Albuquerque, NM 87199
(505) 883-8807

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LA CUEVA OESTE, UNIT 3a
UTILITY PLAN AND PROFILE
CALLE AVION N.E. (Sta. 13+19.71 to Sta. 19+00.44)

Design Review Committee: APPROVED DEC 10 1997 DESIGN REVIEW COMMITTEE
City Engineer Approval
Last Design Update Mo./Day/Yr. Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
5232.92	C-18-Z	11	14



LEGEND

- NEW CURB & GUTTER
- NEW SD LINE — SD
- NEW SAS MAINLINE — SAS
- NEW SAS MANHOLE
- NEW WATER MAINLINE — W
- NEW GATE VALVE
- NEW FIRE HYDRANT
- NEW STREET LIGHT
- NEW VALLEY GUTTER

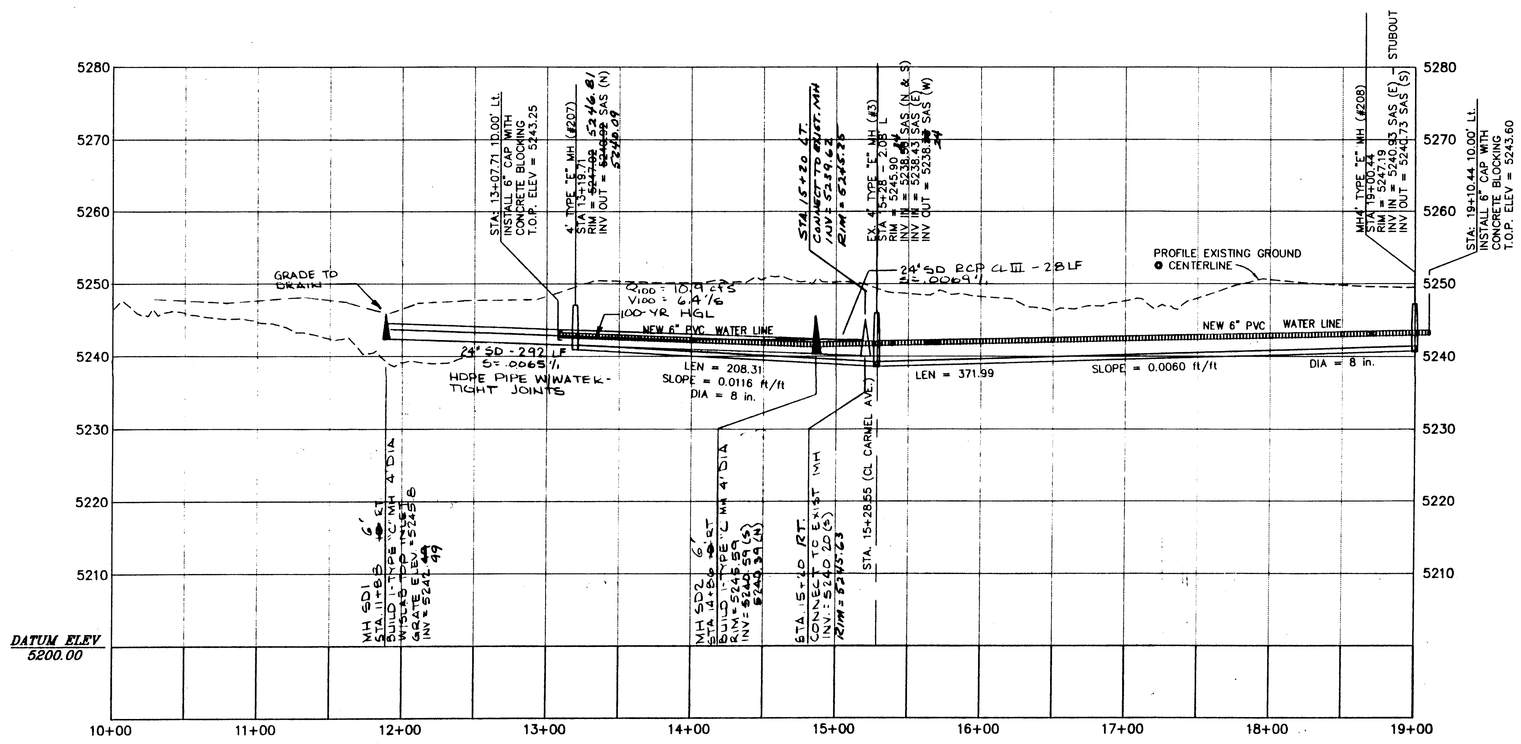
STORM DRAIN NOTES

1 SEE PAVING P&P FOR STREET GRADES.

2. STA. 14+85, LT. + RT. TYPE 'C' INLETS ARE TO HAVE 5' GUTTER TRANSITION ON SOUTH SIDE AND 3' ON NORTH SIDE. STATIONING IS TO CENTER OF GRATE ALONG FLOWLINE. APPROX. 1' OF NORTH SIDE GUTTER TRANSITION ON BOTH INLETS WILL BE PAST CURB RETURN.

CALLE AVION N.E.

SCALE
HORIZ: 1"=50'
VERT: 1"=10'



26-5232.92 1/12/98

AS-BUILT

NO.	DATE	REMARKS	BY
1	1-98	Relocate Inlets C.O. #1	DSD

REVISIONS

DESIGN

DESIGNED BY: DSD DATE: 08/97
DRAWN BY: PWT DATE: 08/97
CHECKED BY: DSE DATE: 08/97

Resource Technology, Inc.
ENGINEERS AND ENVIRONMENTAL SCIENTISTS
1720-B Randolph Rd. SE Albuquerque, New Mexico 87108
Telephone: (505) 243 - 7300
CIVIL - ENVIRONMENTAL - WATER RESOURCES - RECREATION - PLANNING

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LA CUEVA OESTE, UNIT 3a
STORM DRAIN PLAN AND PROFILE
CALLE AVION N.E.

AS BUILT INFORMATION

CONTRACTOR	MEW Construct	DATE 3-30-98
WORK STAKED BY	CDA	DATE 3-30-98
INSPECTOR'S ACCEPTANCE BY	CDA	DATE 5-12-98
VERIFICATION BY	CDA	DATE 5-21-98
DRAWINGS CORRECTED BY	CDA	DATE 5-21-98

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DONALD S. DIAZ
NEW MEXICO
8/27/97
1/27/98

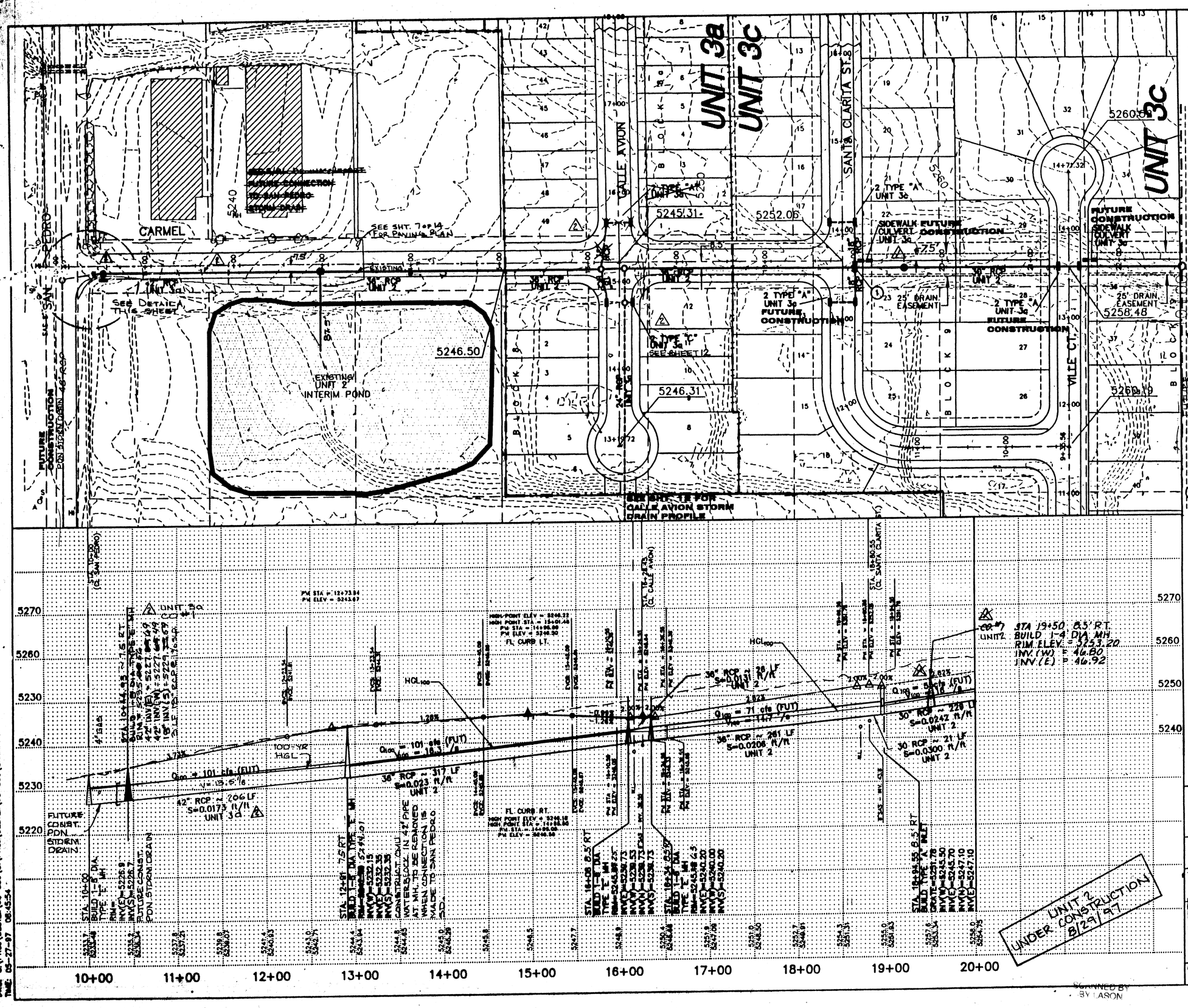
Design Review Committee: APPROVED MAR 25 1998 DESIGN REVIEW COMMITTEE

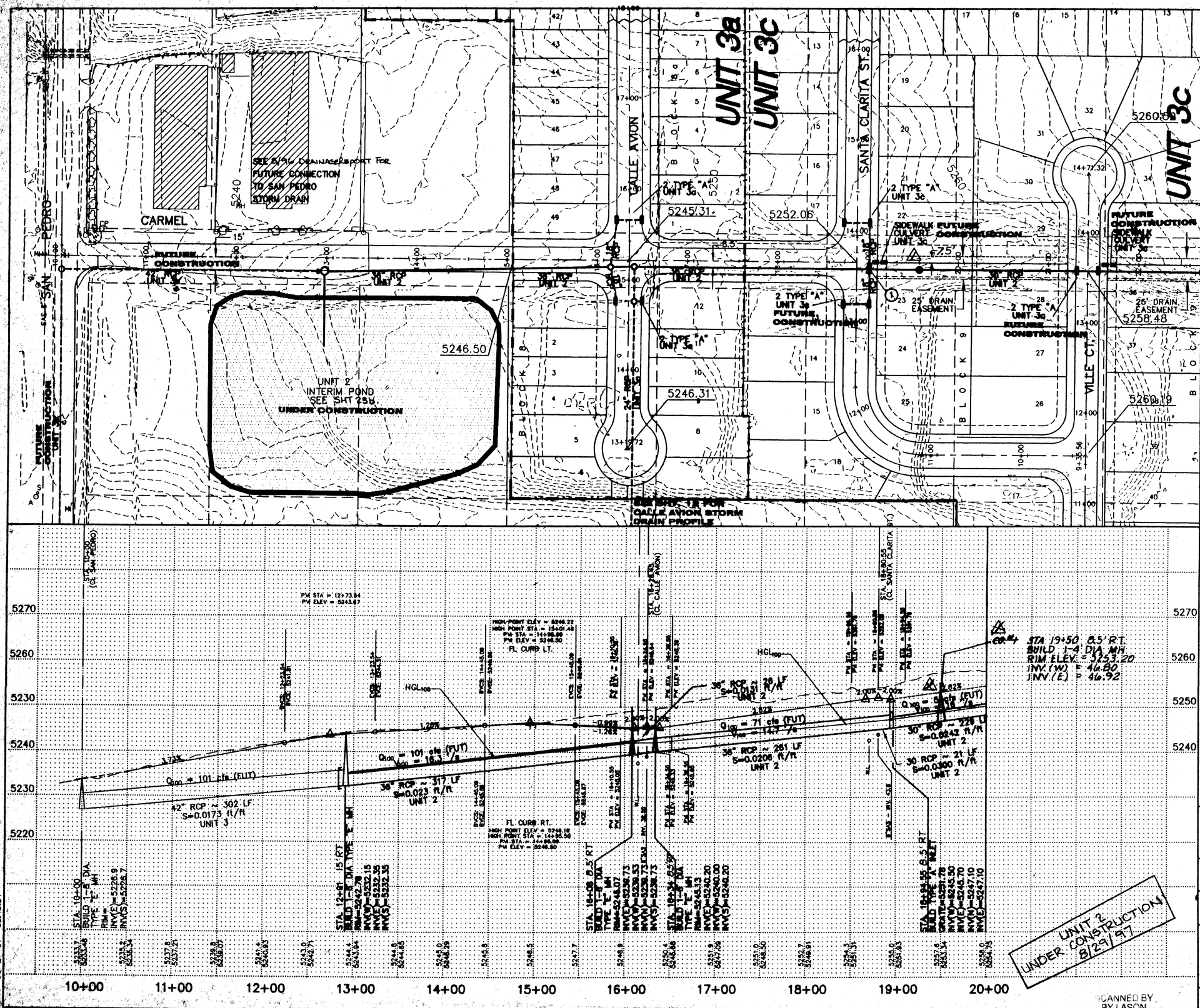
City Engineer Approval — Last Design Update — Mo./Day/Yr. — Mo./Day/Yr.

City Project No. 5232.92 | Zone Map No. C-18-Z | Sheet 12 of 14

LC3A_UPP.DWG / VIEW,R;2

SCANNED BY BY TASON


UNIT 3a
UNIT 3c
CARMEL
SAN PEDRO
CALLE AVION
SANTA CLARITA ST.
VILLE CT.
BLOCK
SEE SHT. 7 OF 14 FOR PAVING PLAN
SEE DETAIL THIS SHEET
EXISTING UNIT 2 INTERIM POND
5246.50
5245.31
5252.06
5246.31
5260.00
5258.48
5260.19
FUTURE CONSTRUCTION SIDEWALK CULVERT UNIT 3a
SIDEWALK FUTURE CULVERT CONSTRUCTION UNIT 3a
2 TYPE "A" UNIT 3a
2 TYPE "A" UNIT 3a FUTURE CONSTRUCTION
25' DRAIN EASEMENT
SEE SHEET 12 FOR CALLE AVION STORM DRAIN PROFILE
SCALE: 1" = 50'
DETAIL A
NOTES:
1 TYPE "A" INLETS TO BE BUILT OVER THE STORM DRAIN TRUNK LINE AT SANTA CLARITA AS PART OF UNIT 2 CONSTRUCTION
LEGEND
UNIT 2 STORM DRAIN
UNIT 3 STORM DRAIN
UNIT BOUNDARY
AS-BUILT
SCALE: 1"= 50' HORIZ.
1"= 10' VERT.
Resource Technology, Inc.
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
TITLE: LA CUEVA OESTE UNIT 2 & 3
CARMEL AVE.
SD PLAN & PROFILE
City Engineer Approval
City Project No. 5232.92
Zone Map No. C-18
UNIT 3a CO#1
AS BUILT INFORMATION
CONTRACTOR
SURVEY INFORMATION
FIELD NOTES
BENCH MARKS
STATION NAME
NORTHING:
EASTING:
ELEVATION:
ENGINEERS SEAL
REMARKS
REVISIONS
DESIGN
DESIGNED BY DSD
DRAWN BY PMT
CHECKED BY DSD
DATE MAY 1997
UNDER CONSTRUCTION 8/29/97
SCANNED BY BY LASON



SCALE: 1" = 50'

NOTES:

1. TYPE "A" INLETS TO BE BUILT OVER THE STORM DRAIN TRUNK LINE AT SANTA CLARITA AS PART OF UNIT 2 CONSTRUCTION

UNIT 2 UNDER CONSTRUCTION 8/29/97

SCANNED BY BY LASON

LEGEND

UNIT 2 STORM DRAIN

UNIT 3 STORM DRAIN

UNIT BOUNDARY

26-5232.92 11/26/98

AS-BUILT

SCALE: 1"= 50' HORIZ.
1"= 10' VERT.

Resource Technologies, Inc.
ENGINEERS AND ENVIRONMENTAL SCIENTISTS
CIVIL · ENVIRONMENTAL · WATER RESOURCES · RESEARCH · PLANNING
1720-B Rodeo Rd. SE, Albuquerque, NM 87123
(505) 243-7285

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LA CUEVA OESTE UNIT 2 & 3
CARMEL AVE.
SD PLAN & PROFILE

City Engineer Approval

DEC 10 1997
DESIGN

City Project No. 5232.902

Zone Map No. C-18

Last Design Update

No.	Date	Revisions	By

DESIGNED BY	DSD	DATE	MAY 1997
DRAWN BY	PMT	DATE	MAY 1997
CHECKED BY	DSD	DATE	MAY 1997

NO.	DATE	REMARKS	BY
1	8-29-97	REVISED TO AS-BUILT	DSD

REVISIONS

DESIGN

ENGINEERS SEAL

DONALD S. DIXON
NEW MEXICO
8/28/97

AS BUILT INFORMATION

CONTRACTOR NEW CONCEPTS
WORK STAKED BY CGA DATE 5-12-98
FIELD VERIFIED BY CGA DATE 5-12-98
RECORDS PREPARED BY CGA DATE 5-29-98
FIELD VERIFICATION BY CGA DATE 5-29-98
DRAWINGS REVISED BY CGA DATE 5-29-98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

STATION NAME:
NORTHING:
EASTING:
ELEVATION:

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE

EXHIBIT 3 (REVISED)

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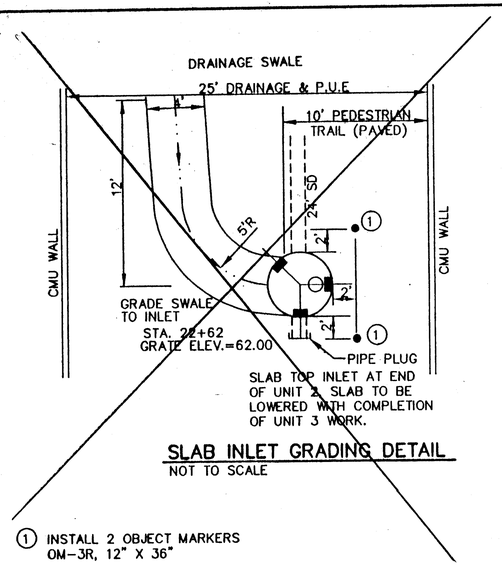
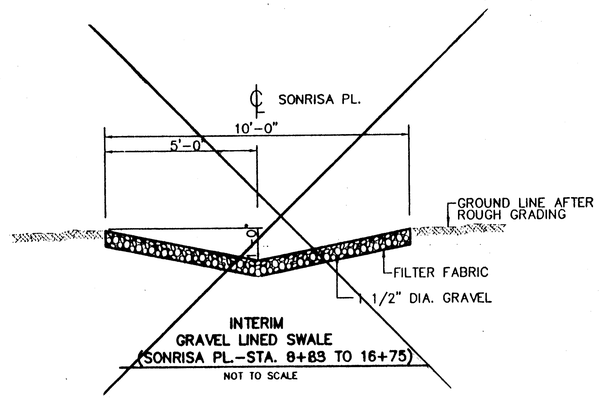
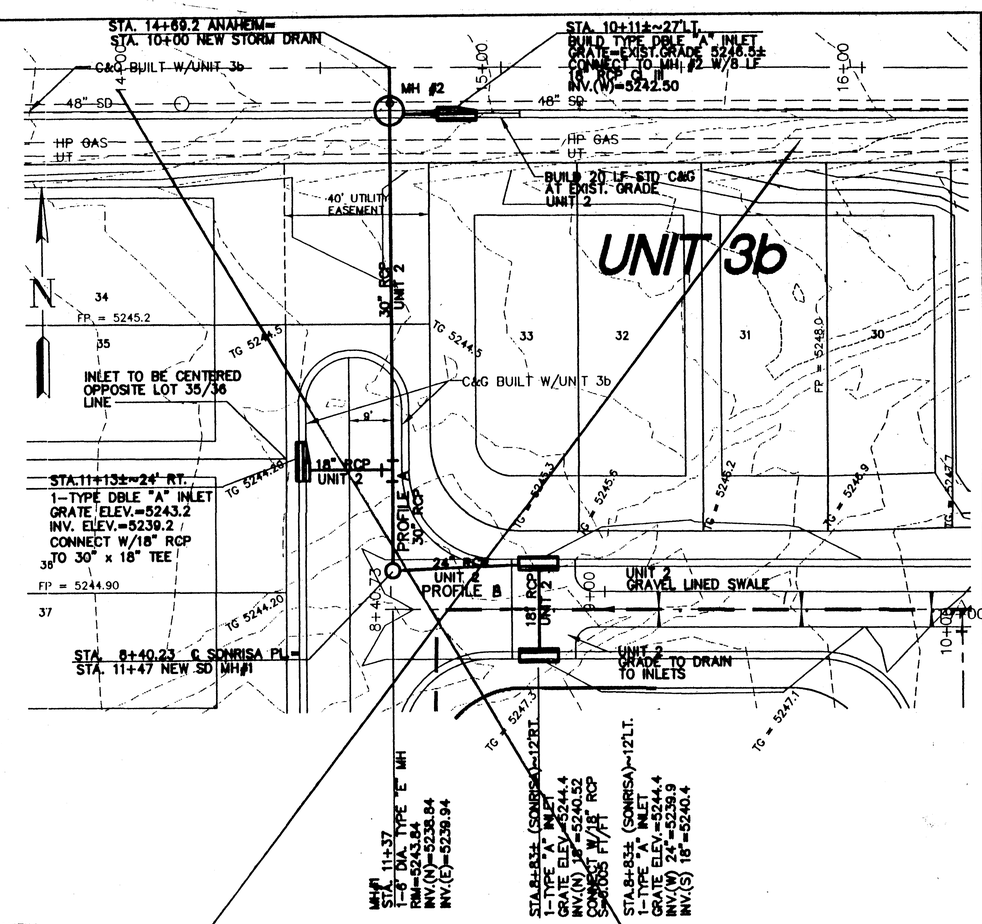


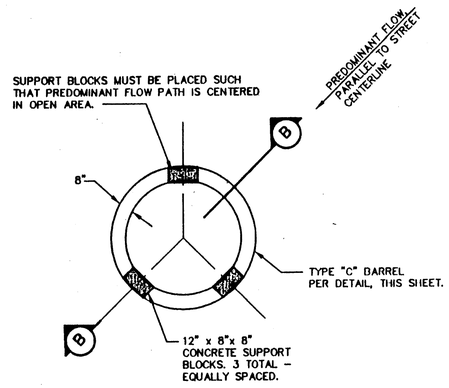
SLAB INLET GRADING DETAIL
NOT TO SCALE

① INSTALL 2 OBJECT MARKERS OM-3R, 12" X 36"

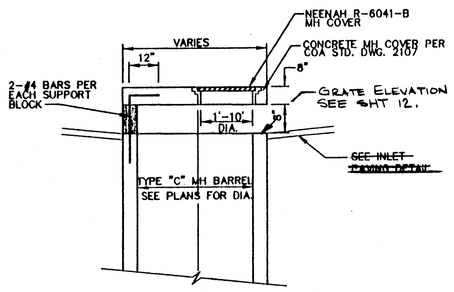


INTERIM
GRAVEL LINED SWALE
(SONRISA PL.-STA. 8+83 TO 16+75)
NOT TO SCALE

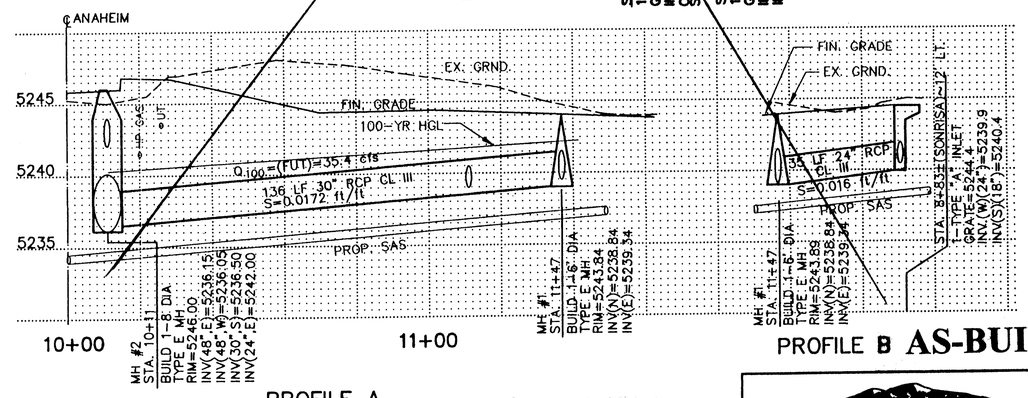




SLAB TOP INLET DETAIL
NOT TO SCALE



SECTION B-B
NOT TO SCALE



PROFILE A

PROFILE B **AS-BUILT**

26-5232.92

SCANNED BY BY LASON

AS BUILT INFORMATION

CONTRACTOR NEW CONCEPTS DATE 5-29-98
STAKED BY CDA DATE 5-27-98
INSPECTOR'S ACCEPTANCE BY CDA DATE 5-27-98
FIELD VERIFICATION BY CDA DATE 5-27-98
DRAWINGS CORRECTED BY CDA DATE 5-27-98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEERS SEAL
DONALD S. DIXON
NEW MEXICO
10043
REGISTERED PROFESSIONAL ENGINEER
6/10/97
8/29/97

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

DESIGNED BY	DSD	DATE SEPT. 1996
DRAWN BY	PWT	DATE SEPT. 1996
CHECKED BY	DSD	DATE SEPT. 1996

Resource Technology, Inc.
ENGINEERS AND ENVIRONMENTAL SCIENTISTS
CIVIL · ENVIRONMENTAL · WATER RESOURCES · RECREATION · PLANNING
1720-B Randolph Rd. SE, Albuquerque, NM 87106
(505) 243-7300

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LA CUEVA OESTE, UNIT ~~2~~ 3a
MISCELLANEOUS DRAINAGE DETAILS

Date Received: APPROVED OCT 10 1997 OCT 23 1997 DESIGN
City Engineer Approval
Last Design Update: No./Day/Yr. No./Day/Yr.

City Project No. 5232.92 Zone Map No. C-18 ~~24~~ 13 ~~26~~ 14

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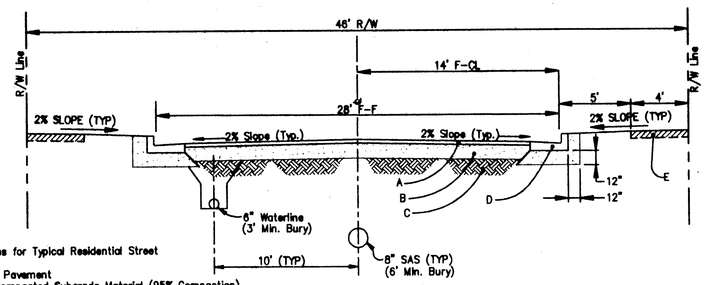
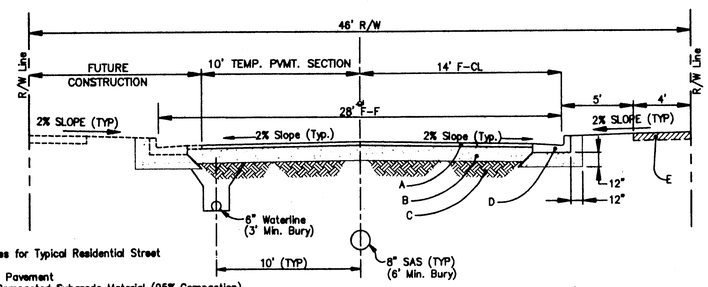


Detail Notes for Typical Residential Street

A – A.C. Pavement
B – 12" Compacted Subgrade Material (95% Compaction)
C – Compacted Subgrade (90% Compaction)
D – P.C.C. Standard Curb & Gutter per std. dwg. 2415
E – 4" Thick by 4' Wide P.C.C. Sidewalk per std. dwg. 2430

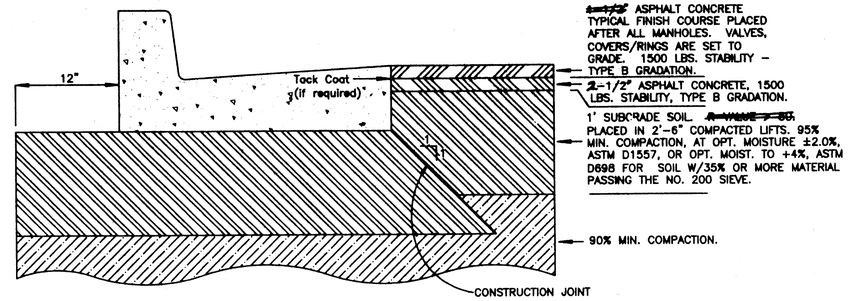
Section A-A (28' F-F STREET WIDTH)



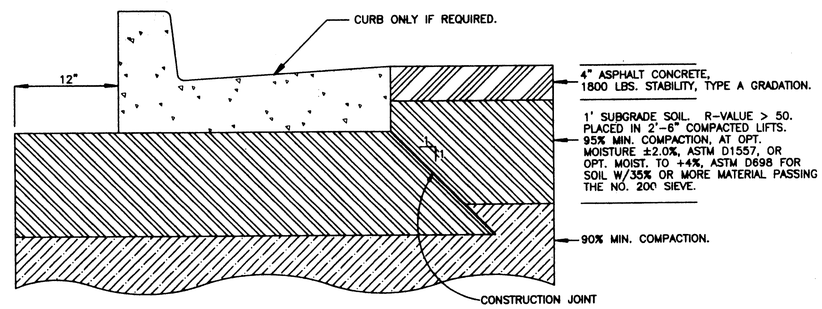
Detail Notes for Typical Residential Street

A – A.C. Pavement
B – 12" Compacted Subgrade Material (95% Compaction)
C – Compacted Subgrade (90% Compaction)
D – P.C.C. Standard Curb & Gutter per std. dwg. 2415
E – 4" Thick by 4' Wide P.C.C. Sidewalk per std. dwg. 2430

Section B-B (28' F-F STREET WIDTH - HALF STREET)



Typical Residential Street Pavement Section (Asphaltic Concrete Pavement) C.O.A. STD. DWG # 2405



Typical Temporary Street Pavement Section (Asphaltic Concrete Pavement)

~~Pavement design based on R-Value of 50 or greater. If an R-Value of less than 50 is encountered in the field during construction, contact the Engineer for pavement redesign.~~

26-5232.92 1/14/98

AS-BUILT

Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, NM 87199
(505) 883-8807

NO.	DATE	REMARKS
		BY

REVISIONS

DESIGN
DESIGNED BY: TOB DATE: 10/97
DRAWN BY: TOB DATE: 10/97
CHECKED BY: TOB DATE: 10/97

AS BUILT INFORMATION
CONTRACTOR NEW CONCEPTS DATE 5-29-98
STAKED BY CGA DATE 5-29-98
INSPECTOR'S ACCEPTANCE BY CGA DATE 5-29-98
VERIFICATION BY CGA DATE 5-29-98
CORRECTED BY CGA DATE 5-29-98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
Z=5318.195

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ACS STA. No. 1-C19
Y=1518845.74
X=404941.91
Z=5318.195

ENGINEER'S SEAL
TERRY O. BROWN
NEW MEXICO
10/17/97

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LA CUEVA OESTE, UNIT 3a
STREET DETAILS

Design Review Committee: APPROVED DEC 10 1997 DESIGN REVIEW COMMITTEE
City Engineer Approval
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5232.92 | Zone Map No. C-18-Z | Sheet 14 Of 14

SCANNED BY DIVISION

LC3A_DET.DWG