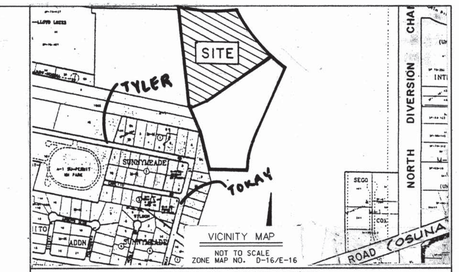
CONSTRUCTION PLANS
FOR
LAS SENDAS DEL NORTE SUBDIVISION
ALBUQUERQUE, NEW MEXICO

INDEX



NOTICE TO CONTRACTORS

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AND SHALL INCLUDE UPDATE No.6
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
4. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
5. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED W/ PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
6. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR 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.
7. ANY WORK WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
8. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.

APPROVAL OF RECORD DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 8/1/01

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- [X] ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- [X] BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- [ ] TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- [X] SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- [ ] IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- [X] ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- [X] THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

SCANNED BY MESA REPRO

SURVEYOR'S CERTIFICATION

"I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that the 'as-built' information shown on these drawings was obtained from field construction and 'as-built' surveys performed by me or under my supervision, that the 'as-built' information shown on these drawings was added by me or under my supervision, and that this 'as-built' information is true and correct to the best of my knowledge and belief." Aldrich Land Surveying is not responsible for any of the design concepts, calculations, engineering, or intent of the record drawings.

07-02-01

Timothy Aldrich, P.S. No. 7719 — Date

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

ENGINEERS STAMP & SIGNATURE

APPROVALS		ENGINEER	DATE
DRC Chairman		Billy J. Gallegos	6-17-99
Transportation			5-26-99
Water/Wastewater		R.D. Rome	5-4-99
Hydrology			5-26-99
Const. Coord.			5-4-99
Const. Mngmt.			

APPROVED FOR CONSTRUCTION

City Engineer — Date

City Project No. 609381

Sheet 1 Of 14

DRB# 98-314

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS LANDSCAPE ARCHITECTS

BH JOB NO. 97-35A04
APRIL, 1999

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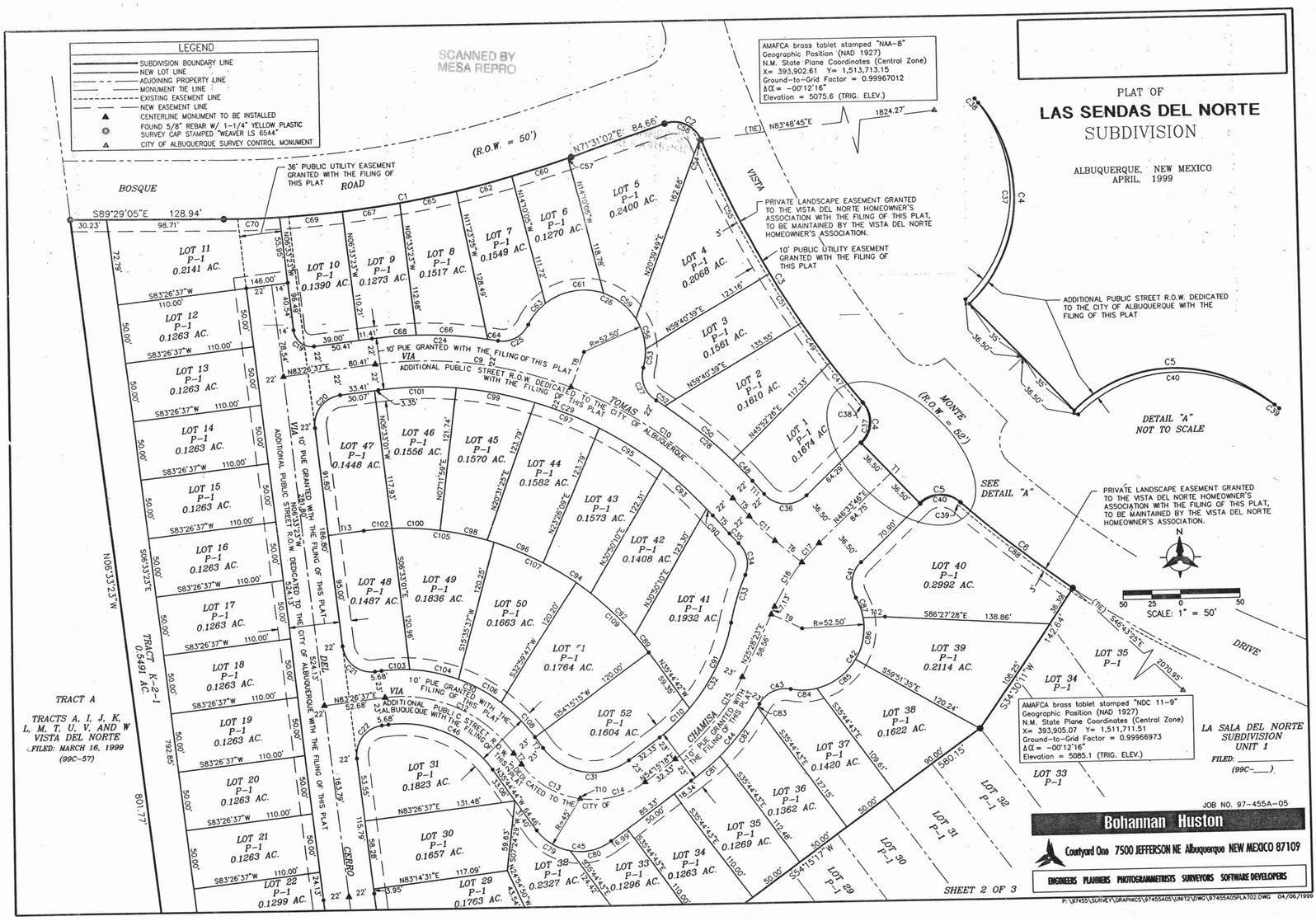

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LOCATION MAP

ZONE ATLAS INDEX MAP No. E-16-Z
NOT TO SCALE

SUBDIVISION DATA

1. DRB No. _____
2. Zone Atlas Index No. E-16-Z.
3. Gross Subdivision Acreage: 11.0395 Acres.
4. Total Number of Lots/Tracts created: Fifty-Two (52) Lots and One (1) Tract.
5. This Plat shows existing easements.
6. Date of Survey: March, 1999
7. Total mileage of full width streets created: 0.3434 mile.
8. Total mileage of partial width streets created: 0 mile.
9. Plat is located within the Elena Gallegos Grant, within Projected Section 27, T11N, R3E, NMPM.

DISCLOSURE STATEMENT

The purpose of this plat is to subdivide Tract K-2 of the PLAT OF LA SALA DEL SUBDIVISION UNIT I, Albuquerque, New Mexico, as the same is shown and designated on the plat thereof, recorded in the office of the County Clerk of Bernalillo County, New Mexico on _____, 1999 in Book 99C, Page ____ as Document No. _____ into One (1) Tract and Fifty-Two (52) Lots, to dedicate additional Public Street Right-of-Way to the City of Albuquerque, to vacate easements and to grant easements.

PUBLIC UTILITY EASEMENTS

PUBLIC UTILITY EASEMENTS shown on this plat are ten (10) feet wide and are for the common joint use of:

A. PNM Electric Services for the installation, maintenance, and service of underground electrical line, transformers, communication lines and other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical service.

B. PNM Gas Services for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.

C. U.S. West for the installation, maintenance and service of all buried communication lines and other related equipment and facilities reasonably necessary to provide communication services, including but not limited to above ground pedestals and closures.

D. Jones Intercable for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide Cable TV service.

Included is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, renew, operate, and maintain facilities for the purposes described above, together with free access to, from, and over said easements, including sufficient working area space for electric transformers, with the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purposes set forth herein. No building, sign, pool (above ground or subsurface), hot tub, concrete or wood pool decking, or other structure shall be erected or constructed on said easements, nor shall any well be drilled or operated thereon. Property owners shall be solely responsible for correcting any violations of National Electric Safety Code caused by construction of pools, decking, or any structures adjacent to or near easements shown on this plat.

DESCRIPTION

A certain tract of land situate within the Elena Gallegos Grant, within projected Section 27, Township 11 North, Range 3 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, being and comprising all of Tract K-2 of the PLAT OF LA SALA DEL NORTE SUBDIVISION UNIT 1, Albuquerque, New Mexico, as the same is shown and designated on the plat thereof, recorded in the office of the County Clerk of Bernalillo County, New Mexico on _____, 1999 in Book 99C, Page ____ as Document No. _____ and being more particularly described by New Mexico State Plane Grid Bearings, (Central Zone NAD 1927 Datum) and ground distances as follows:

BEGINNING at the southeast corner of said Tract K-2, a point on the westerly right-of-way line of Vista Monte Drive, whence the Albuquerque City Survey (ACS) monument "NDC 11-9" on AMAFCA brass tablet cemented in top of a concrete post, having New Mexico State Plane Grid Coordinates, Central Zone (NAD 1927) of X=393,905.07 and Y=1,511,711.51 bears S46°43'25"E, a distance of 2070.95 feet and from said point of beginning leaving said right-of-way line and running thence along the southerly boundary line of said Tract K-2,
S34°30'11"W, a distance of 142.64 feet to a point; thence,
S54°15'17"W, a distance of 580.15 feet to a point on the easterly right-of-way line of Via Del Cerro, thence crossing said Via Del Cerro,
S70°56'18"W, a distance of 44.00 feet to a point on a curve on the westerly right-of-way line of said Via Del Cerro, thence running along the southerly boundary line of said Tract K-2 and also along said right-of-way line,
8.01 feet along the arc of a curve to the left having a radius of 1022.00 feet and a chord which bears S19°17'11"E, a distance of 8.01 feet to a point of non-tangency, thence
leaving said right-of-way line and running thence along the southerly boundary line of said Tract K-2,
S70°29'21"W, a distance of 117.75 feet to a point; thence,
N26°11'45"W, a distance of 63.25 feet to a point; thence,
S73°32'56"W, a distance of 30.45 feet to the southwest corner of said Tract K-2, thence
running along the westerly boundary line of said Tract K-2,
N06°33'23"W, a distance of 801.77 feet to the northwest corner of said Tract K-2, a point on the southerly right-of-way line of Bosque Road, thence running along the northerly boundary line of said Tract K-2 and also along said right-of-way line,
S89°29'05"E, a distance of 128.94 feet to a point of curvature; thence,
306.71 feet along the arc of a curve to the left having a radius of 925.00 feet and a chord which bears N81°00'58"E, a distance of 305.31 feet to a point of tangency; thence,
N71°31'02"E, a distance of 84.66 feet to a point of curvature; thence,
37.84 feet along the arc of a curve to the right having a radius of 25.00 feet and a chord which bears S65°07'09"E, a distance of 34.33 feet to a point of reverse curvature on the westerly right-of-way line of Vista Monte Drive, thence running along the easterly boundary line of said Tract K-2 and also along said right-of-way line,
263.22 feet along the arc of a curve to the left having a radius of 851.00 feet and a chord which bears S30°36'58"E, a distance of 262.17 feet to a point of reverse curvature; thence,
37.54 feet along the arc of a curve to the right having a radius of 25.00 feet and a chord which bears S03°32'34"W, a distance of 34.11 feet to a point of non-tangency; thence,
S43°26'14"E, a distance of 71.00 feet to a point of curvature (non-tangent); thence,
37.54 feet along the arc of a curve to the right having a radius of 25.00 feet and a chord which bears N89°34'57"E, a distance of 34.11 feet to a point of reverse curvature; thence,
120.30 feet along the arc of a curve to the left having a radius of 851.00 feet and a chord which bears S51°26'50"E, a distance of 120.20 feet to the point and place of beginning.

Tract contains 11.0395 acres, more or less.

NOTES

1. Bearings are New Mexico State Plane Grid Bearings (Central Zone) NAD 1927 Datum Basis of Bearing: S00°04'13"E Between ACS Monuments "NAA-8" and "NDC 11-9".
2. Distances are ground distances.
3. Lots 1 through 52 inclusive are to be P1 and shall conform to intermittent Parking Design Criteria. Item #1.
4. Centerline (in lieu of R/W) Monumentation to be installed at all centerline PC'S, PT'S, angle points and street intersections prior to acceptance of subdivision street improvements and will consist of a four-inch (4") aluminum alloy cap stamped "City of Albuquerque", "Centerline Monument", "Do Not Disturb", "P.L.S.#6544".

FREE CONSENT AND DEDICATION

The foregoing Plat of that certain tract of land situate within the Elena Gallegos Grant, within projected Section 27, Township 11 North, Range 3 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, being and comprising all of Tract K-2 of the PLAT OF LA SALA DEL NORTE SUBDIVISION UNIT I Albuquerque, New Mexico, as the same is shown and designated on the plat thereof, recorded in the office of the County Clerk of Bernalillo County, New Mexico on _____, 1999 in Book 99C, Page ____ as Document No. _____ now comprising Lots 1 through 52 inclusive and Tract K-2-1 of LA SALA DEL NORTE SUBDIVISION, UNIT II, Albuquerque, New Mexico, is with the free consent and in accordance with the desires of the undersigned owner(s) and/or proprietor(s) thereof and said owner(s) and/or proprietor(s) do hereby dedicate all streets and public right-of-ways shown hereon to the City of Albuquerque in Fee Simple with Warranty Covenants and do hereby grant: All access, Utility and Drainage Easements hereon including the right to construct, operate, inspect, and maintain facilities therein; and all Public Utility easements shown hereon for the common and joint use of Gas, Electrical Power and Communication Services for buried distribution lines, conduits, pipes for underground Utilities where shown or indicated, including the right of ingress and egress for construction and maintenance, and the right to trim interfering trees and shrubs. In the event Grantor, its successors and assigns, constructs any improvements other than curb and gutter (Encroachments) within any easement area granted to or for the benefit of the City, the City shall have the right to access and to enter upon any such easement area at any time and perform such inspections, installations, maintenance and repair, including removal of the Encroachments (Work) without liability to the City. The City shall not be financially responsible for rebuilding or repair of the Encroachments, nor shall the City be financially responsible for the Work affects any of the Encroachments. The City shall also have the right if reasonably necessary, to enter Grantor's property to access the easement areas for the purposes of performing the Work Grantor does hereby consent to all of the foregoing and does hereby certify that this subdivision is made with its free act and deed.

VISTA DEL NORTE DEVELOPMENT, L.L.C.

_____
Jerry Sundt, Managing Member

State of New Mexico)
SS
County of Bernalillo)

This instrument was acknowledged before me on _____ day of _____, 1999 by Jerry Sundt, Managing Member of Vista Del Norte Development, L.L.C.

My Commission Expires: _____ _____
Notary Public

SURVEYOR'S CERTIFICATION

I, A. Dwain Weaver, a registered Professional New Mexico Surveyor, certify that I am responsible for this survey and that this plat was prepared by me or under my supervision, shows all easements of record, and conforms to the Minimum Requirements of the Board of Registration for Professional Engineers and Professional Surveyors in February 1994 and meets the minimum requirements for monumentation and surveys contained in the Albuquerque Subdivision Ordinance, and is true and accurate to the best of my knowledge and belief.

Bohannan Huston
Courtyard I
7500 Jefferson Street, N.E.
Albuquerque, New Mexico 87109

_____ A. Dwain Weaver
New Mexico Professional Surveyor 6544
Date: _____

PLAT OF
LAS SENDAS DEL NORTE
SUBDIVISION

ALBUQUERQUE, NEW MEXICO
APRIL, 1999

APPROVALS

PLAT NUMBER _____

PLANNING DIRECTOR	DATE
CITY ENGINEER	DATE
A.M.A.F.C.A.	DATE
TRAFFIC ENGINEER	DATE
CITY SURVEYOR	DATE
PROPERTY MANAGEMENT	DATE
UTILITY DEVELOPMENT DEPARTMENT	DATE
PLANNING & POLICY SECTION, CIP	DATE
U.S. WEST COMMUNICATIONS	DATE
JONES INTERCABLE	DATE
PNM ELECTRIC SERVICES	DATE
PNM GAS SERVICES	DATE

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON UPC# _____

PROPERTY OWNER OF RECORD: _____

BERNALILLO COUNTY TREASURER'S OFFICE	DATE

PNM STAMP

In approving this plat, PNM Electric Services and Gas Services (PNM) did not conduct a Title Search of the properties shown hereon. Consequently, PNM does not waive nor release any easement or easement rights to which it may be entitled.

JOB NO. 97-455A-05
Bohannan Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

SHEET 1 OF 3

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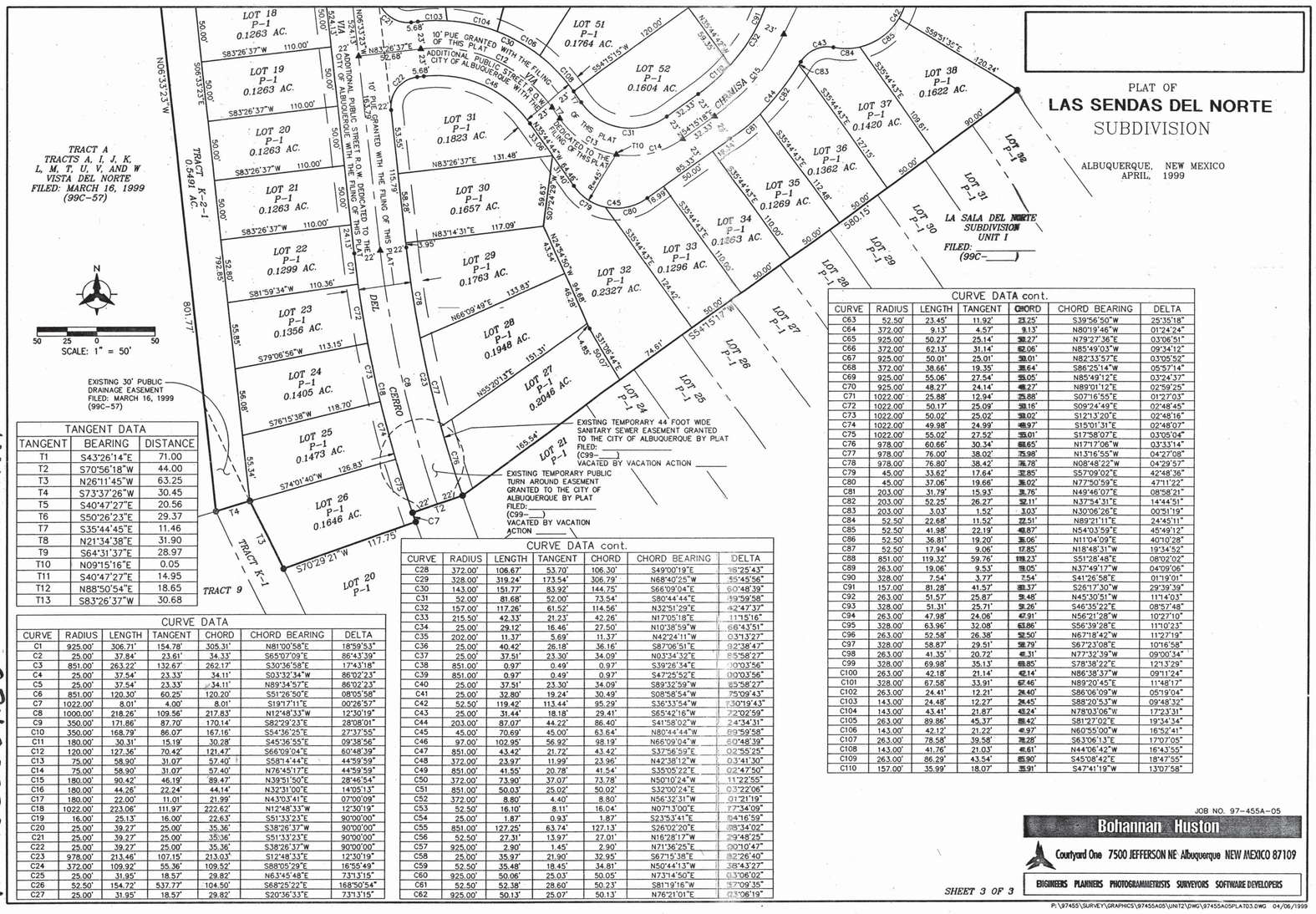
CPN 609381 Sh 2 of 14



TANGENT DATA		
TANGENT	BEARING	DISTANCE
T1	S43°26'14"E	71.00
T2	S70°56'18"W	44.00
T3	N26°11'45"W	63.25
T4	S73°37'26"W	30.45
T5	S40°47'27"E	20.56
T6	S50°26'23"E	29.37
T7	S35°44'45"E	11.46
T8	N21°34'38"E	31.90
T9	S64°31'37"E	28.97
T10	N09°15'16"E	0.05
T11	S40°47'27"E	14.95
T12	N88°50'54"E	18.65
T13	S83°26'37"W	30.68

CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	CHORD	CHORD BEARING	DELTA
C1	925.00'	306.71'	154.78'	305.31'	N81°00'58"E	18°59'53"
C2	25.00'	37.84'	23.61'	34.33'	S65°07'09"E	86°43'39"
C3	851.00'	263.22'	132.67'	262.17'	S30°36'58"E	17°43'18"
C4	25.00'	37.54'	23.33'	34.11'	S03°32'34"W	86°02'23"
C5	25.00'	37.54'	23.33'	34.11'	N89°34'57"E	86°02'23"
C6	851.00'	120.30'	60.25'	120.20'	S51°26'50"E	08°05'58"
C7	1022.00'	8.01'	4.00'	8.01'	S19°17'11"E	00°26'57"
C8	1000.00'	218.26'	109.56'	217.83'	N12°48'33"W	12°30'19"
C9	350.00'	171.86'	87.70'	170.14'	S82°29'23"E	28°08'01"
C10	350.00'	168.79'	86.07'	167.16'	S54°36'25"E	27°37'55"
C11	180.00'	30.31'	15.19'	30.28'	S45°36'55"E	09°38'56"
C12	120.00'	127.36'	70.42'	121.47'	S66°09'04"E	60°48'39"
C13	75.00'	58.90'	31.07'	57.40'	S58°14'44"E	44°59'59"
C14	75.00'	58.90'	31.07'	57.40'	N76°45'17"E	44°59'59"
C15	180.00'	90.42'	46.19'	89.47'	N39°51'50"E	28°46'54"
C16	180.00'	44.26'	22.24'	44.14'	N32°31'00"E	14°05'13"
C17	180.00'	22.00'	11.01'	21.99'	N43°03'41"E	07°00'09"
C18	1022.00'	223.06'	111.97'	222.62'	N12°48'33"W	12°30'19"
C19	16.00'	25.13'	16.00'	22.63'	S51°33'23"E	90°00'00"
C20	25.00'	39.27'	25.00'	35.36'	S38°26'37"W	90°00'00"
C21	25.00'	39.27'	25.00'	35.36'	S51°33'23"E	90°00'00"
C22	25.00'	39.27'	25.00'	35.36'	S38°26'37"W	90°00'00"
C23	978.00'	213.46'	107.15'	213.03'	S12°48'33"E	12°30'19"
C24	372.00'	109.92'	55.36'	109.52'	S88°05'29"E	16°55'49"
C25	25.00'	31.95'	18.57'	29.82'	N63°45'48"E	73°13'15"
C26	52.50'	154.72'	537.77'	104.50'	S68°25'22"E	168°50'54"
C27	25.00'	31.95'	18.57'	29.82'	S20°36'33"E	73°13'15"

CURVE DATA cont.

CURVE	RADIUS	LENGTH	TANGENT	CHORD	CHORD BEARING	DELTA
C28	372.00'	106.67'	53.70'	106.30'	S49°00'19"E	16°25'43"
C29	328.00'	319.24'	173.54'	306.79'	N68°40'25"W	55°45'56"
C30	143.00'	151.77'	83.92'	144.75'	S66°09'04"E	60°48'39"
C31	52.00'	81.68'	52.00'	73.54'	S80°44'44"E	89°59'58"
C32	157.00'	117.26'	61.52'	114.56'	N32°51'29"E	42°47'37"
C33	215.50'	42.33'	21.23'	42.26'	N17°05'18"E	11°15'16"
C34	25.00'	29.12'	16.46'	27.50'	N10°38'59"W	66°43'51"
C35	202.00'	11.37'	5.69'	11.37'	N42°24'11"W	03°13'27"
C36	25.00'	40.42'	26.18'	36.16'	S87°06'51"E	92°38'47"
C37	25.00'	37.51'	23.30'	34.09'	N03°34'32"E	85°58'27"
C38	851.00'	0.97'	0.49'	0.97'	S39°26'34"E	00°03'56"
C39	851.00'	0.97'	0.49'	0.97'	S47°25'52"E	00°03'56"
C40	25.00'	37.51'	23.30'	34.09'	S89°32'59"W	85°58'27"
C41	25.00'	32.80'	19.24'	30.49'	S08°58'54"W	75°09'43"
C42	52.50'	119.42'	113.44'	95.29'	S36°33'54"W	130°19'43"
C43	25.00'	31.44'	18.18'	29.41'	S65°42'16"W	72°02'59"
C44	203.00'	87.07'	44.22'	86.40'	S41°58'02"W	24°34'31"
C45	45.00'	70.69'	45.00'	63.64'	N80°44'44"W	89°59'58"
C46	97.00'	102.95'	56.92'	98.19'	N66°09'04"W	60°48'39"
C47	851.00'	43.42'	21.72'	43.42'	S37°56'59"E	02°55'25"
C48	372.00'	23.97'	11.99'	23.96'	N42°38'12"W	03°41'30"
C49	851.00'	41.55'	20.78'	41.54'	S35°05'22"E	02°47'50"
C50	372.00'	73.90'	37.07'	73.78'	N50°10'24"W	11°22'55"
C51	851.00'	50.03'	25.02'	50.02'	S32°00'24"E	03°22'06"
C52	372.00'	8.80'	4.40'	8.80'	N56°32'31"W	01°21'19"
C53	52.50'	16.10'	8.11'	16.04'	N07°13'00"E	17°34'09"
C54	25.00'	1.87'	0.93'	1.87'	S23°53'41"E	04°16'59"
C55	851.00'	127.25'	63.74'	127.13'	S26°02'20"E	08°34'02"
C56	52.50'	27.31'	13.97'	27.01'	N16°28'17"W	29°48'25"
C57	925.00'	2.90'	1.45'	2.90'	N71°36'25"E	00°10'47"
C58	25.00'	35.97'	21.90'	32.95'	S67°15'38"E	82°26'40"
C59	52.50'	35.48'	18.45'	34.81'	N50°44'13"W	38°43'27"
C60	925.00'	50.06'	25.03'	50.05'	N73°14'50"E	03°06'02"
C61	52.50'	52.38'	28.60'	50.23'	S81°19'16"W	57°09'35"
C62	925.00'	50.13'	25.07'	50.13'	N76°21'01"E	03°06'19"

CURVE DATA cont.

CURVE	RADIUS	LENGTH	TANGENT	CHORD	CHORD BEARING	DELTA
C63	52.50'	23.45'	11.92'	23.25'	S39°56'50"W	25°35'18"
C64	372.00'	9.13'	4.57'	9.13'	N80°19'46"W	01°24'24"
C65	925.00'	50.27'	25.14'	50.27'	N79°27'36"E	03°06'51"
C66	372.00'	52.13'	31.14'	52.06'	N85°49'03"W	09°34'12"
C67	925.00'	50.01'	25.01'	50.01'	N82°33'57"E	03°05'52"
C68	372.00'	38.66'	19.35'	38.64'	S86°25'14"W	05°57'14"
C69	925.00'	55.06'	27.54'	55.05'	N85°49'12"E	03°24'37"
C70	925.00'	48.27'	24.14'	48.27'	N89°01'12"E	02°59'25"
C71	1022.00'	25.88'	12.94'	25.88'	S07°16'55"E	01°27'03"
C72	1022.00'	50.17'	25.09'	50.16'	S09°24'49"E	02°48'45"
C73	1022.00'	50.02'	25.02'	50.02'	S12°13'20"E	02°48'16"
C74	1022.00'	49.98'	24.99'	49.97'	S15°01'31"E	02°48'07"
C75	1022.00'	55.02'	27.52'	55.01'	S17°58'07"E	03°05'04"
C76	978.00'	60.66'	30.34'	60.65'	N17°17'06"W	03°33'14"
C77	978.00'	76.00'	38.02'	75.98'	N13°16'55"W	04°27'08"
C78	978.00'	76.80'	38.42'	76.78'	N08°48'22"W	04°29'57"
C79	45.00'	33.62'	17.64'	32.85'	S57°09'02"E	42°48'36"
C80	45.00'	37.06'	19.66'	36.02'	N77°50'59"E	47°11'22"
C81	203.00'	31.79'	15.93'	31.76'	N49°46'07"E	08°58'21"
C82	203.00'	52.25'	26.27'	52.11'	N37°54'31"E	14°44'51"
C83	203.00'	3.03'	1.52'	3.03'	N30°06'26"E	00°51'19"
C84	52.50'	22.68'	11.52'	22.51'	N89°21'11"E	24°45'11"
C85	52.50'	41.98'	22.19'	40.87'	N54°03'59"E	45°49'12"
C86	52.50'	36.81'	19.20'	36.06'	N11°04'09"E	40°10'28"
C87	52.50'	17.94'	9.06'	17.85'	N18°48'31"W	19°34'52"
C88	851.00'	119.32'	59.76'	119.23'	S51°28'48"E	08°02'02"
C89	263.00'	19.06'	9.53'	19.05'	N37°49'17"W	04°09'06"
C90	328.00'	7.54'	3.77'	7.54'	S41°26'58"E	01°19'01"
C91	157.00'	81.28'	41.57'	80.37'	S26°17'30"W	29°39'39"
C92	263.00'	51.57'	25.87'	51.48'	N45°30'51"W	11°14'03"
C93	328.00'	51.31'	25.71'	51.26'	S46°35'22"E	08°57'48"
C94	263.00'	47.98'	24.06'	47.91'	N56°21'28"W	10°27'10"
C95	328.00'	63.96'	32.08'	63.86'	S56°39'28"E	11°10'23"
C96	263.00'	52.58'	26.38'	52.50'	N67°18'42"W	11°27'19"
C97	328.00'	58.87'	29.51'	58.79'	S67°23'08"E	10°16'58"
C98	263.00'	41.35'	20.72'	41.31'	N77°32'39"W	09°00'34"
C99	328.00'	69.98'	35.13'	69.85'	S78°38'22"E	12°13'29"
C100	263.00'	42.18'	21.14'	42.14'	N86°38'37"W	09°11'24"
C101	328.00'	67.58'	33.91'	67.46'	N89°20'45"E	11°48'17"
C102	263.00'	24.41'	12.21'	24.40'	S86°06'09"W	05°19'04"
C103	143.00'	24.48'	12.27'	24.45'	S88°20'53"W	09°48'32"
C104	143.00'	43.41'	21.87'	43.24'	N78°03'06"W	17°23'31"
C105	263.00'	89.86'	45.37'	89.42'	S81°27'02"E	19°34'34"
C106	143.00'	42.12'	21.22'	41.97'	N60°55'00"W	16°52'41"
C107	263.00'	78.58'	39.58'	78.28'	S63°06'13"E	17°07'05"
C108	143.00'	41.76'	21.03'	41.61'	N44°06'42"W	16°43'55"
C109	263.00'	86.29'	43.54'	85.90'	S45°08'42"E	18°47'55"
C110	157.00'	35.99'	18.07'	35.91'	S47°41'19"W	13°07'58"

JOB NO. 97-455A-05

Bohannan Huston

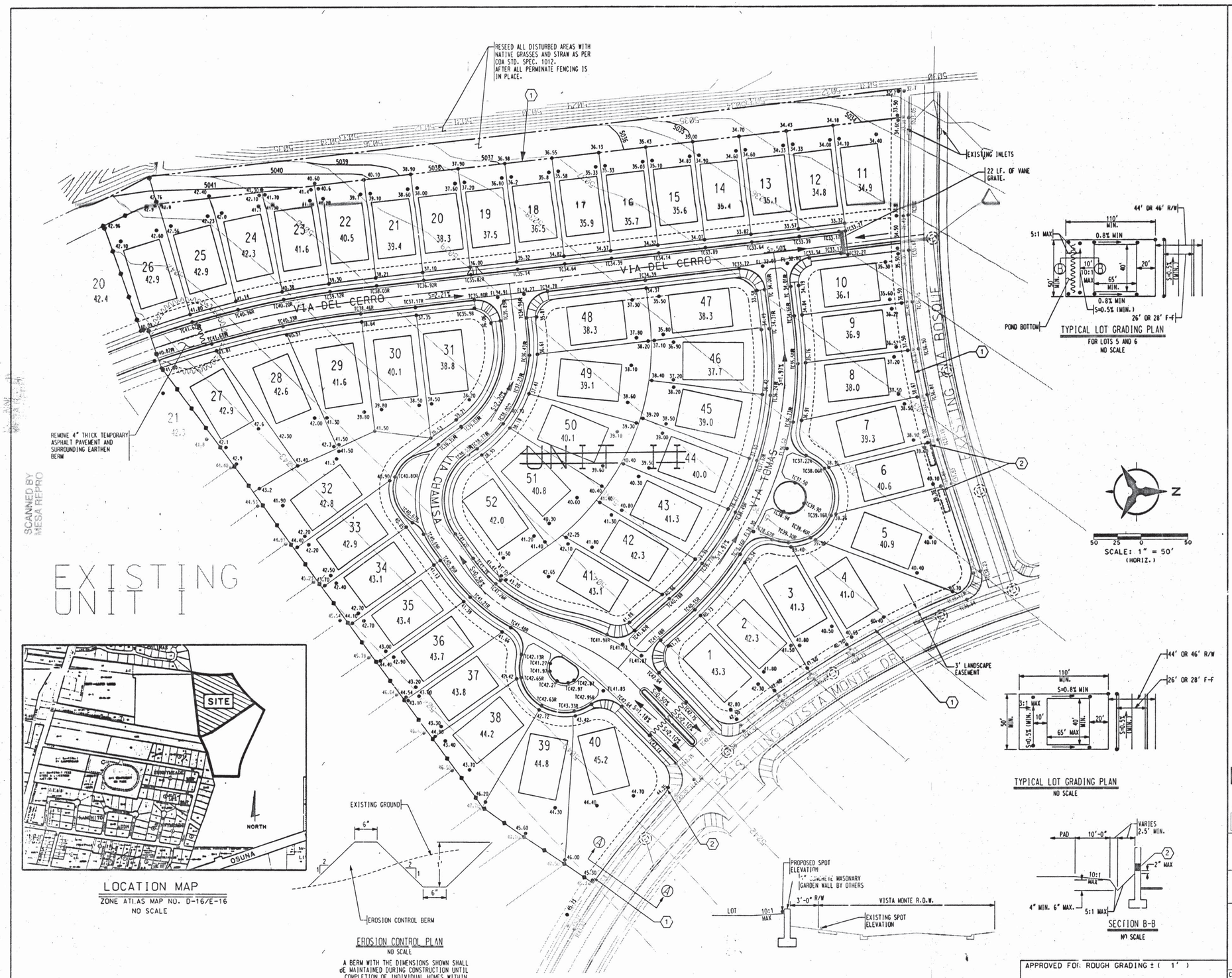
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

SHEET 3 OF 3

P:\97455\SURVEY\GRAPHICS\97455A05\UNIT2\DWG\97455A05PLAT03.DWG 04/06/1999

CPN 609381 Sh 2A of 14



TYPICAL LOT GRADING PLAN
FOR LOTS 5 AND 6
NO SCALE

TYPICAL LOT GRADING PLAN
NO SCALE

LOCATION MAP
ZONE ATLAS MAP NO. D-16/E-16
NO SCALE

EROSION CONTROL PLAN
NO SCALE
A BERM WITH THE DIMENSIONS SHOWN SHALL BE MAINTAINED DURING CONSTRUCTION UNTIL COMPLETION OF INDIVIDUAL HOMES WITHIN THE PROJECT.

SECTION B-B
NO SCALE

GENERAL NOTES

1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR IS TO REFER TO EARTHWORK SPECIFICATION AS NOTED IN THE SOILS REPORT.
3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER THE DETAIL ON THIS SHEET AND WETTING THE SOIL TO KEEP IT FROM BLOWING AS PER THE EROSION CONTROL DETAIL ON THIS SHEET.
5. ALL STREET SPOT ELEVATIONS ARE TO TOP OF CURB UNLESS OTHERWISE NOTED. VALLEY GUTTER ELEVATIONS ARE SHOWN AT FLOWLINE ELEVATION.

LEGAL DESCRIPTION

A PORTION OF TRACT K OF VISTA DEL NORTE

KEYED NOTES:

1. CONRETE MASSONARY UNIT FENCE REQUIRED ALONG THE PERIMETER OF THE SITE. STANDARD C.M.U. = 6" X 8" X 16" GROUT REINFORCED CELLS ONLY.
2. GARDEN WALL BUILDER: INSTALL TURNED OUT CONCRETE MASONARY UNIT AT LOWEST OINT IN CORNER OF LOTS 5 AND 6 TO DRAIN TO ADJACENT RIGHT OF WAY SEE SECTION A-A THIS SHEET.

LEGEND

PROPOSED SPOT ELEVATION	• 5235.25
TOP OF ROLL CURB ELEVATION	• 5235.25R
EXISTING SPOT ELEVATION	• 5235.25
FUTURE SPOT ELEVATION	◇ 5235.25
PROPOSED CONTOUR	
EXISTING CONTOUR	
DIRECTION OF FLOW	
EXISTING STORM DRAIN LINE	
EXISTING STORM DRAIN MANHOLE	
PROPOSED STORM DRAIN INLET	
PROPOSED STORM DRAIN LINE	
PROPOSED STORM DRAIN MANHOLE	
PROPOSED WATER BLOCK	
PROPOSED BACKYARD POND	
EXISTING SAS MANHOLE	
PHASING BOUNDARY	

SPOT ELEVATIONS CONTAINING AN "R" DENOTES TOP OF MOUNTABLE ROLL TYPE CURB. i.e. xx.xxR

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

AS-BUILT INFORMATION
CONTRACTOR FRANCHERS
WORK STAKED BY ALS, INC DATE 8/01
WORK INSPECTED BY BH DATE 8/01
ACCEPTANCE
FIELD VERIFICATION BY ALS, INC DATE 8/01
DRAWINGS CORRECTED BY ALS, INC DATE 8/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO. COA FUSION OFFICE

BENCH MARKS
ACS BRASS TABLET STAMPED "B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORD. (CENTRAL ZONE)
X=357,526.69 Y=1,525,168.36
GROUND TO GRID FACTOR = 1.0996640
DELTA ALPHA = -00 DEG 16 MIN. 30 SEC.
NGVD 1929 ELEVATION = 5418.522

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
JOHN C. ALEXANDER NEW MEXICO 15476 REGISTERED PROFESSIONAL ENGINEER 11-17-98

NO.	DATE	REMARKS	BY
		REVISIONS	DATE 12/98
		DESIGN	DATE 12/98
			DATE 12/98

DESIGNED BY JCA/CMC
DRAWN BY CMC/CGG
CHECKED BY JCA

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

LAS SENDAS DEL NORTE

GRADING PLAN

DEVELOPMENT REVIEW BOARD	DRB APPROVAL DATE	LAST DESIGN UPDATE
98 / 314	1 / 14 / 99	

APPROVED FOR ROUGH GRADING ± (1')
C.O.A. HYDROLOGY ENGINEER DATE

CITY PROJECT NO. 6093.81 | ZONE MAP NO. D-16/E-16 | SHEET 3 OF 14

BHI JOB NO. 97455A00

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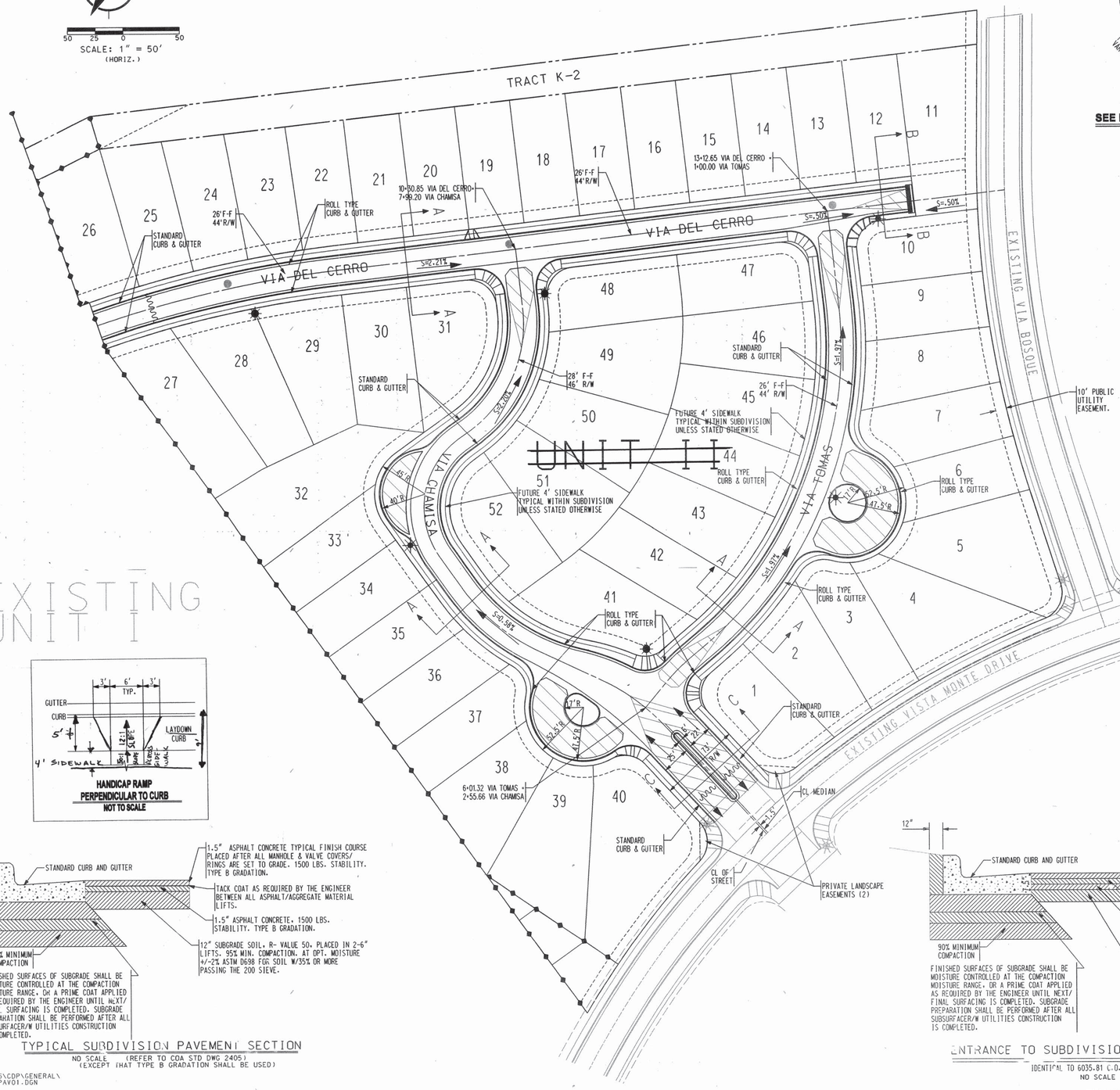
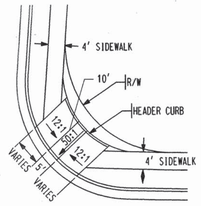
26 6093.81 0301

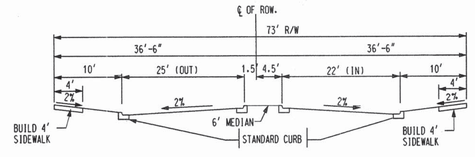




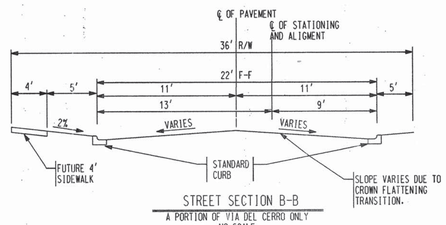
WHEEL CHAIR RAMP DETAIL
SEE MODIFIED STD. DWG. 2441 CASE II
NOT TO SCALE

LEGEND

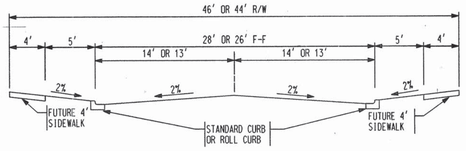
- PROPOSED CURB AND GUTTER
- EXISTING CURB AND GUTTER
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- EXISTING GATE VALVE
- PROPOSED STREET LIGHT
- PROPOSED WATER BLOCK
- EXISTING STREET LIGHT



ENTRANCE TO SUBDIVISION STREET SECTION C-C
NO SCALE



STREET SECTION B-B
A PORTION OF VIA DEL CERRO ONLY
NO SCALE



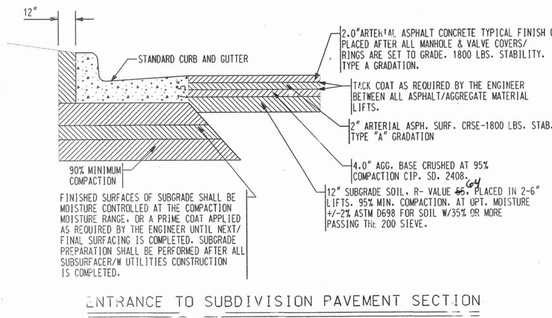
TYPICAL STREET SECTION A-A
ALL SUBDIVISION STREETS UNLESS OTHERWISE NOTED
NO SCALE

NOTE:

SOIL NOT HAVING THE MINIMUM R-VALUE OF ~~50~~ 64 SHALL BE REMOVED TO A DEPTH OF 2 FEET AND REPLACED. BY THE CONTRACTOR. WITH SUITABLE MATERIAL OR A PAVEMENT SECTION SHALL BE DESIGNED BY THE CONSULTANT ACCOMODATING THE EXISTING R-VALUE PER CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS.

HANDICAP RAMP
PERPENDICULAR TO CURB
NOT TO SCALE

TYPICAL SUBDIVISION PAVEMENT SECTION
NO SCALE (REFER TO COA STD DWG 2405)
(EXCEPT THAT TYPE B GRADATION SHALL BE USED)



ENTRANCE TO SUBDIVISION PAVEMENT SECTION
IDENTICAL TO 6035.81 C.O.A. PROJECT #
NO SCALE

AS-BUILT INFORMATION
CONTRACTOR FRANKLINS
STAKED BY ALS, INC DATE 8/01
INSPECTOR BH DATE 8/01
FIELD VERIFICATION BY ALS, INC DATE 8/01
DRAWINGS CORRECTED BY ALS, INC DATE 8/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO. COA

BENCH MARKS
ACS BRASS TABLET STAMPED "1-810"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORD. (CENTRAL ZONE)
X=357,526.69 Y=1,525,168.35
GROUND TO GRID FACTOR = 1.9996640
DELTA ALPHA = -00 DEG 16 MIN. 30 SEC.
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
JAMES R. TOPHILLER
NEW MEXICO
9354
REGISTERED PROFESSIONAL ENGINEER
4-22-99

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY JCA/CJC DATE 12/98
DRAWN BY CAG/GGG DATE 12/98
CHECKED BY JCA DATE 12/98

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

LAS SENDAS DEL NORTE
OVERALL PAVING PLAN

DESIGN REVIEW COMMITTEE — REVIEWED JUN 1999
CITY ENGINEER APPROVAL — APPROVED 10-8-99 CITY ENGINEER
LAST REVISION UPDATE — MO./DAY/YR. — MO./DAY/YR.

CITY PROJECT NO. 6093.81 | ZONE MAP NO. D 16/E-16 | SHEET 14

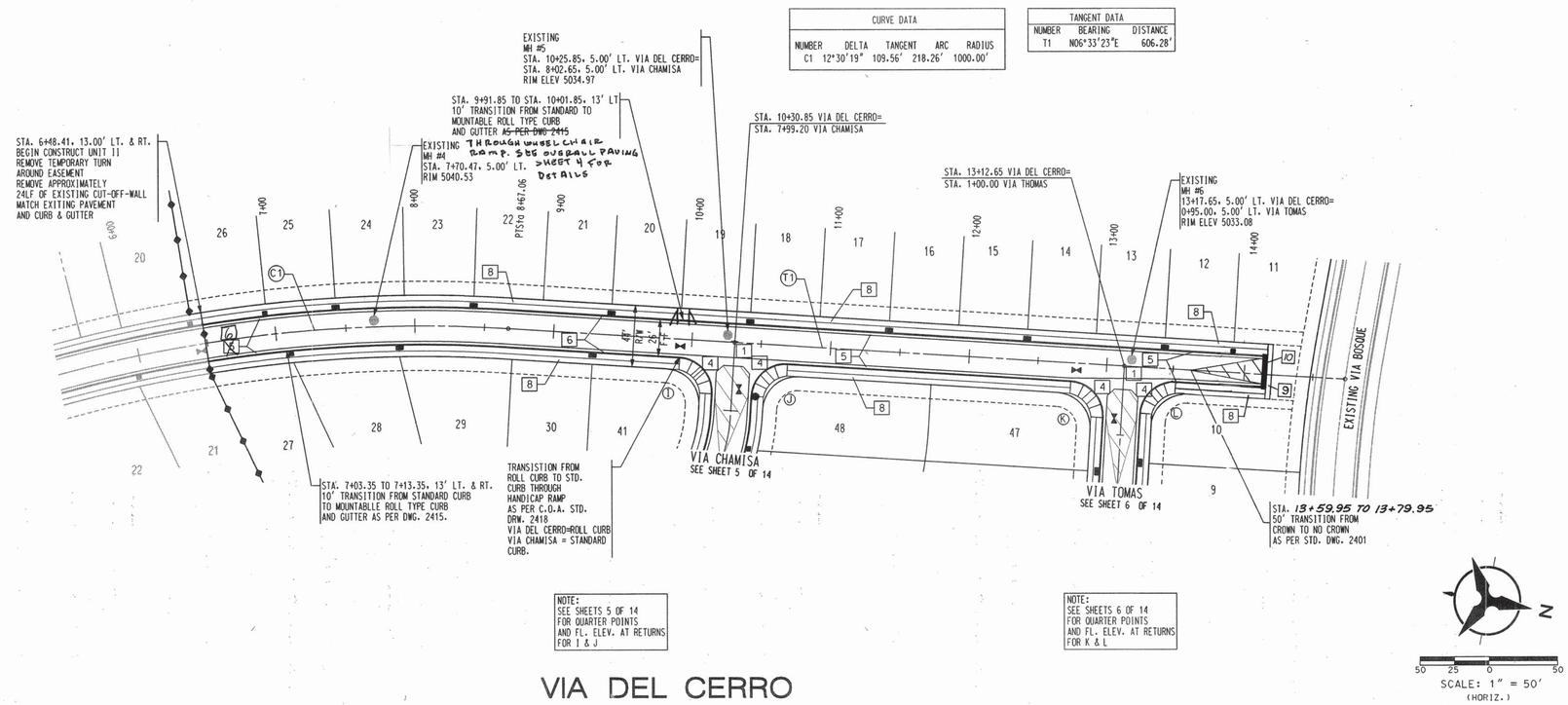
BHI JOB NO. 97455.08

1 2 3 4 5 6 7 8 9 10 11 12 13 14
26 6093.81 0401

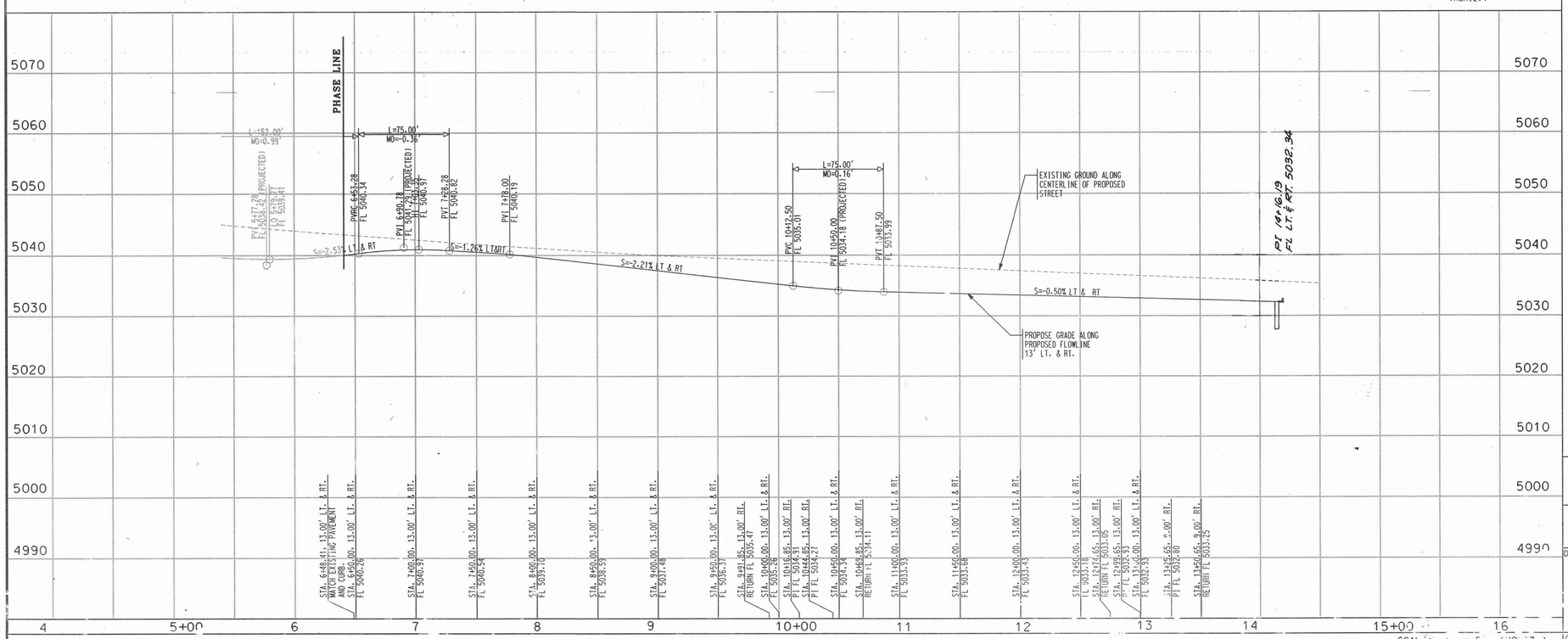
P:\97455\CDP\GENERAL\97455OVLPAV01.DGN
P:\97455\CDP\GENERAL\97455OVLPAV02.DGN

CURVE DATA					
NUMBER	DELTA	TANGENT	ARC	RADIUS	
C1	12°30'19"	109.56'	218.26'	1000.00'	

TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N06°33'23"E	606.28'



VIA DEL CERRO



NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE ALONG FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
13. STATIONING AND OFFSETS GIVEN FOR DROP INLETS ARE GIVEN AT CENTER OF GRATE AT FLOWLINE

* NOT APPLICABLE THIS SHEET

KEYED GENERAL NOTES

1. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
* 2. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421
* 3. INSTALL WHEELCHAIR RAMP AS PER STD. DWG. 2441, CASE I WITH ALTERNATE SECTION AA
4. INSTALL WHEELCHAIR RAMP AS PER STD. DWG. 2441, CASE II
5. STD. CURB & GUTTER AS PER STD. DWG. 2415
6. ROLL CURB & GUTTER AS PER STD. DWG. 2415
* 7. MEDIAN CURB & GUTTER AS PER STD. DWG. 2415
8. FUTURE 4' SIDEWALK
* 9. BUILD 4' SIDEWALK
10. DEPPRESS CURB AND GUTTER AS PER STD. DWG. 2415.

AS-BUILT INFORMATION

CONTRACTOR SUNDANCE
WORK STAKED BY ACS, INC DATE 8/98
SURVEY CHECKED BY BH DATE 8/98
FIELD LOCATION BY ACS, INC DATE 8/98
ACCEPTANCE BY
DRAWINGS CORRECTED BY ACS, INC DATE 8/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORD. (CENTRAL ZONE)
X=357,526.69 Y=1,525,168.35
GROUND TO GRID FACTOR = 0.9996640
DELTA ALPHA = -000EG 16 MIN 30 SEC
NGVD 1929 ELEVATION = 5419.522

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JAMES R. TOPMILLER
NEW MEXICO
9354
REGISTERED PROFESSIONAL ENGINEER
4-22-99

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY CMG/JCA DATE 12/98
DRAWN BY DR/GGG/JAQ DATE 12/98
CHECKED BY JCA DATE 12/98

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

LAS SENDAS DEL NORTE
PAVING PLAN & PROFILE
VIA DEL CERRO

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL		MO./DAY/YR.	MO./DAY/YR.
APPROVAL JUN 17 1999 8/28/00 DESIGN REVIEW COMMITTEE	APPROVED JUN - 8 2000 CITY	FINAL DESIGN UPDATE		

CITY PROJECT NO. 609381 | ZONE MAP NO. D-16/E-16 | SHEET | OF 14

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

P:\A01_BHMAIN\97455\CDP\FNP\UNIT 2
97455FNP05.DGN

26 6093.81 0701

	TC	FL	
1	33.81	33.14	K
2	33.25	33.23	
3	33.99	33.32	

D = 90°00'00"
L = 39.27'
R = 25.00'

	TC	FL	
1	33.77	33.10	L
2	33.98	33.96	
3	33.48	32.82	

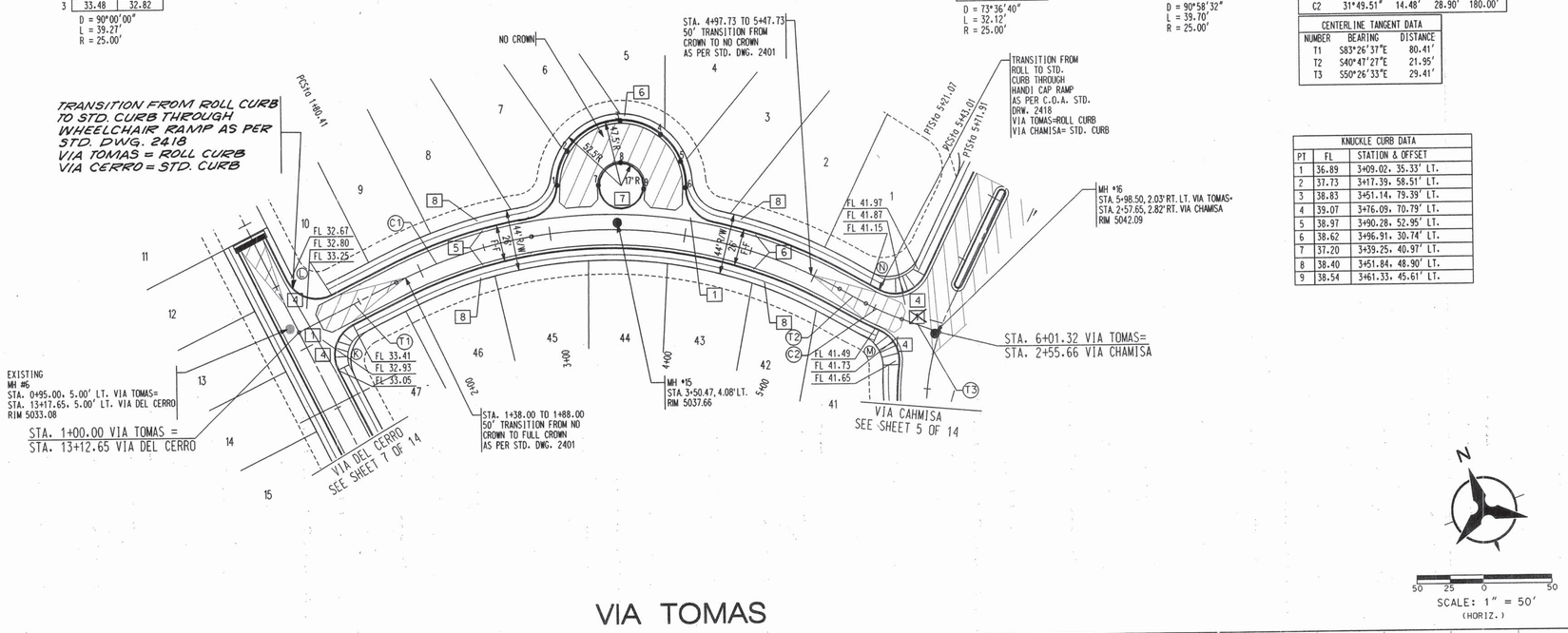
D = 90°00'00"
L = 39.27'
R = 25.00'

	TC	FL	
1	41.86R	41.53	M
2	41.59	41.57	
3	41.94R	41.61	

D = 73°36'40"
L = 32.12'
R = 25.00'

	TC	FL	
1	42.43	41.77	N
2	41.58	41.56	
3	41.69R	41.36	

D = 90°58'32"
L = 39.70'
R = 25.00'



CENTERLINE CURVE DATA				
NUMBER	DELTA	TANGENT	ARC	RADIUS
C1	55°45'56"	185.18'	340.65'	350.00'
C2	31°49.51"	14.48'	28.90'	180.00'

CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	S83°26'31"E	80.41'
T2	S40°41'21"E	21.95'
T3	S50°26'33"E	29.41'

KNUCKLE CURB DATA		
PT	FL	STATION & OFFSET
1	36.89	3+09.02. 35.33' LT.
2	37.73	3+17.39. 58.51' LT.
3	38.83	3+51.14. 79.39' LT.
4	39.07	3+76.09. 70.79' LT.
5	38.97	3+90.28. 52.95' LT.
6	38.62	3+96.91. 30.74' LT.
7	37.20	3+39.25. 40.97' LT.
8	38.40	3+51.84. 48.90' LT.
9	38.54	3+61.33. 45.61' LT.

NOTES

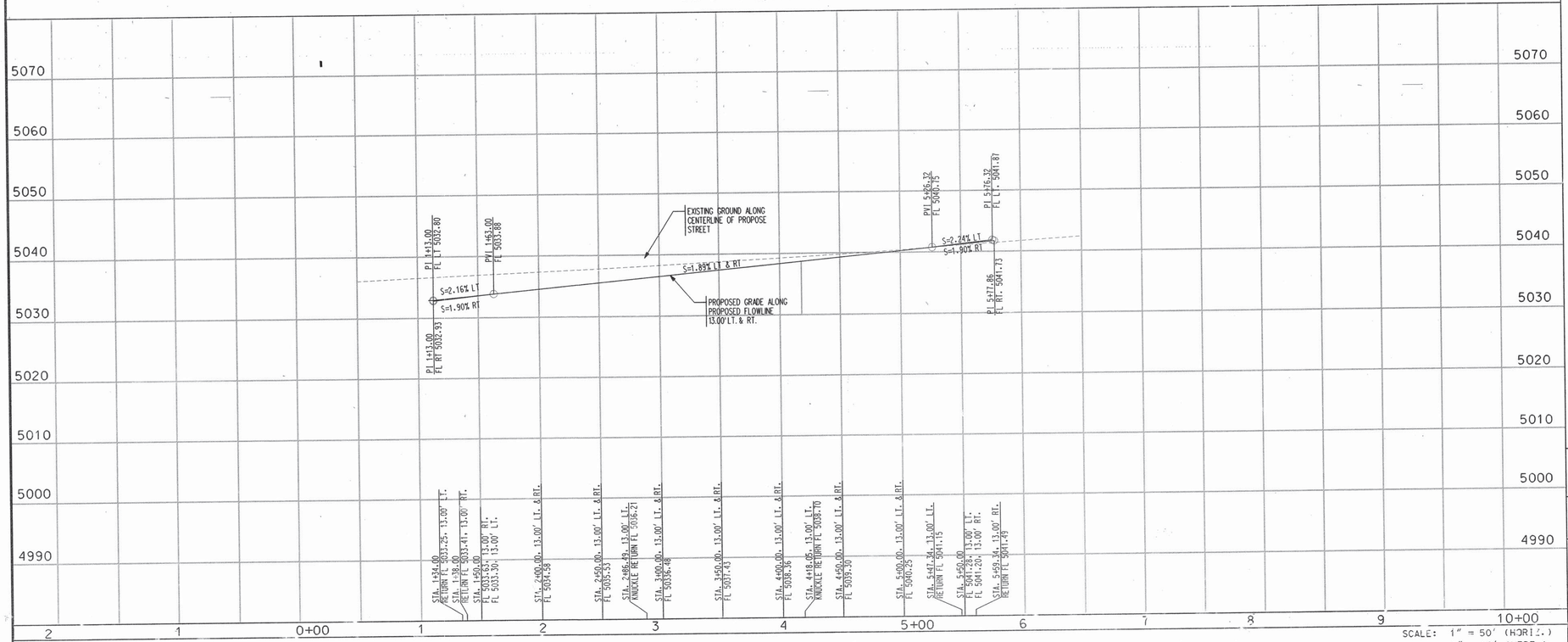
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE ALONG FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
13. STATIONING AND OFFSETS GIVEN FOR DROP INLETS ARE GIVEN AT CENTER OF GRATE AT FLOWLINE

* NOT APPLICABLE THIS SHEET

KEYED GENERAL NOTES

1. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
2. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421. INCLUDE FILLETS AT CIRCULAR MEDIANS.
* 3. INSTALL WHEELCHAIR RAMP AS PER STD. DWG. 2441. CASE I WITH ALTERNATE SECTION AA
4. INSTALL WHEELCHAIR RAMP AS PER STD. DWG. 2441. CASE II
5. STD. CURB & GUTTER AS PER STD. DWG. 2415
6. ROLL CURB & GUTTER AS PER STD. DWG. 2415
7. MEDIAN CURB & GUTTER AS PER STD. DWG. 2415
8. FUTURE 4' SIDEWALK
* 9. BUILD 4' SIDEWALK

VIA TOMAS



P:\01_BHI_UN\97455\CDP\PNP\UNIT 2
97455PPNP06.DGN

DWI JOB NO. 97455A04

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

LAS SENDAS DEL NORTE
PAVING PLAN & PROFILE
VIA TOMAS

DESIGN REVIEW COMMITTEE: APPROVED JUN 17 1999
CITY ENGINEER APPROVAL: APPROVED JUN - 8 2001 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 6093.81 | ZONE MAP NO. M-16/E-16 | SHEET 3 OF 14

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 6093.81 0601

AS-BUILT INFORMATION
CONTRACTOR SUNDANCE
WORK STAKED BY ALS, INC. DATE 8/6
INSPECTOR'S ACCEPTANCE BY AH DATE 8/6
FIELD VERIFICATION BY ALS, INC DATE 8/6
DRAWINGS CORRECTED BY ALS, INC DATE 8/6
MICRO-FILM INFORMATION
RECORDED BY | DATE
NO. | COA Project No. 6093.81

BENCH MARKS
ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORD. (CENTRAL ZONE)
X=357,526.69 Y=1,525,168.35
GROUND TO GRID FACTOR = 0.9996640
DELTA ALPHA = -00DEG 16 MIN 30 SEC
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
JAMES N. TOPMILLER NEW MEXICO 9354 REGISTERED PROFESSIONAL ENGINEER
4.22.99

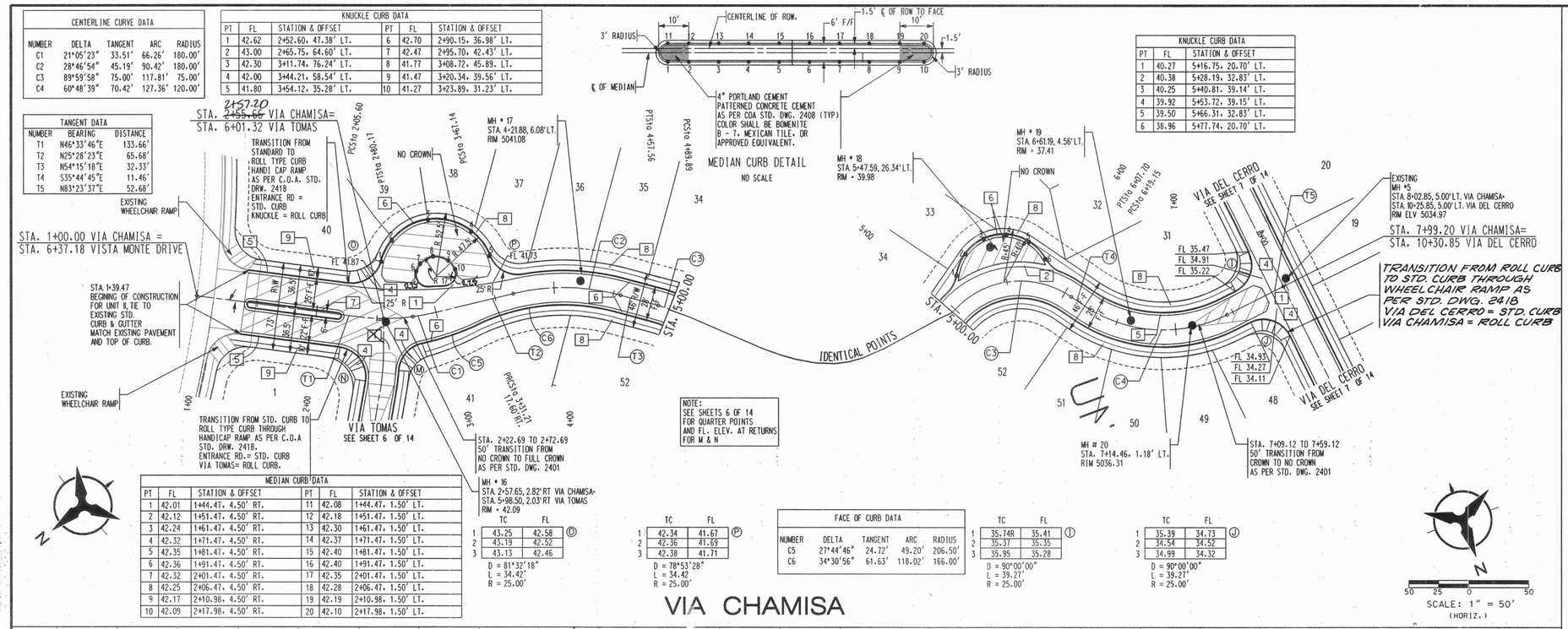
NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY CMG/JCA DATE 12/98
DRAWN BY OR/GGG/JAO DATE 12/98
CHECKED BY JCA DATE 12/98

CENTERLINE CURVE DATA				
NUMBER	DELTA	TANGENT	ARC	RADIUS
C1	21°05'23"	33.51'	66.26'	180.00'
C2	28°46'54"	45.19'	90.42'	180.00'
C3	89°59'58"	75.00'	117.81'	75.00'
C4	60°48'39"	70.42'	127.36'	120.00'

TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N46°33'46"E	133.66'
T2	N25°28'23"E	65.68'
T3	N54°15'18"E	32.33'
T4	S35°44'45"E	11.46'
T5	N83°23'37"E	52.68'

KNUCKLE CURB DATA					
PT	FL	STATION & OFFSET	PT	FL	STATION & OFFSET
1	42.62	2+52.60. 47.38' LT.	6	42.70	2+90.15. 36.98' LT.
2	43.00	2+65.75. 64.60' LT.	7	42.47	2+95.70. 42.43' LT.
3	42.30	3+11.74. 76.24' LT.	8	41.77	3+08.72. 45.89. LT.
4	42.00	3+44.21. 58.54' LT.	9	41.47	3+20.34. 39.56' LT.
5	41.80	3+54.12. 35.28' LT.	10	41.27	3+23.89. 31.23' LT.



MEDIAN CURB DETAIL
NO SCALE

KNUCKLE CURB DATA		
PT	FL	STATION & OFFSET
1	40.27	5+16.75. 20.70' LT.
2	40.38	5+28.19. 32.83' LT.
3	40.25	5+40.81. 39.14' LT.
4	39.92	5+53.72. 39.15' LT.
5	39.50	5+66.31. 32.83' LT.
6	38.96	5+77.74. 20.70' LT.

MEDIAN CURB DATA					
PT	FL	STATION & OFFSET	PT	FL	STATION & OFFSET
1	42.01	1+44.47. 4.50' RT.	11	42.08	1+44.47. 1.50' LT.
2	42.12	1+51.47. 4.50' RT.	12	42.18	1+51.47. 1.50' LT.
3	42.24	1+61.47. 4.50' RT.	13	42.30	1+61.47. 1.50' LT.
4	42.32	1+71.47. 4.50' RT.	14	42.37	1+71.47. 1.50' LT.
5	42.35	1+81.47. 4.50' RT.	15	42.40	1+81.47. 1.50' LT.
6	42.36	1+91.47. 4.50' RT.	16	42.40	1+91.47. 1.50' LT.
7	42.32	2+01.47. 4.50' RT.	17	42.35	2+01.47. 1.50' LT.
8	42.25	2+06.47. 4.50' RT.	18	42.28	2+06.47. 1.50' LT.
9	42.17	2+10.98. 4.50' RT.	19	42.19	2+10.98. 1.50' LT.
10	42.09	2+17.98. 4.50' RT.	20	42.10	2+17.98. 1.50' LT.

Ⓓ	TC	FL
1	43.25	42.58
2	43.19	42.52
3	43.13	42.46

D = 81°32'18"
L = 34.42'
R = 25.00'

Ⓟ	TC	FL
1	42.34	41.67
2	42.36	41.69
3	42.38	41.71

D = 78°53'28"
L = 34.42
R = 25.00'

FACE OF CURB DATA				
NUMBER	DELTA	TANGENT	ARC	RADIUS
C5	27°44'46"	24.72'	49.20'	206.50'
C6	34°30'56"	61.63'	118.02'	166.00'

Ⓘ	TC	FL
1	35.74R	35.41
2	35.31	35.35
3	35.95	35.28

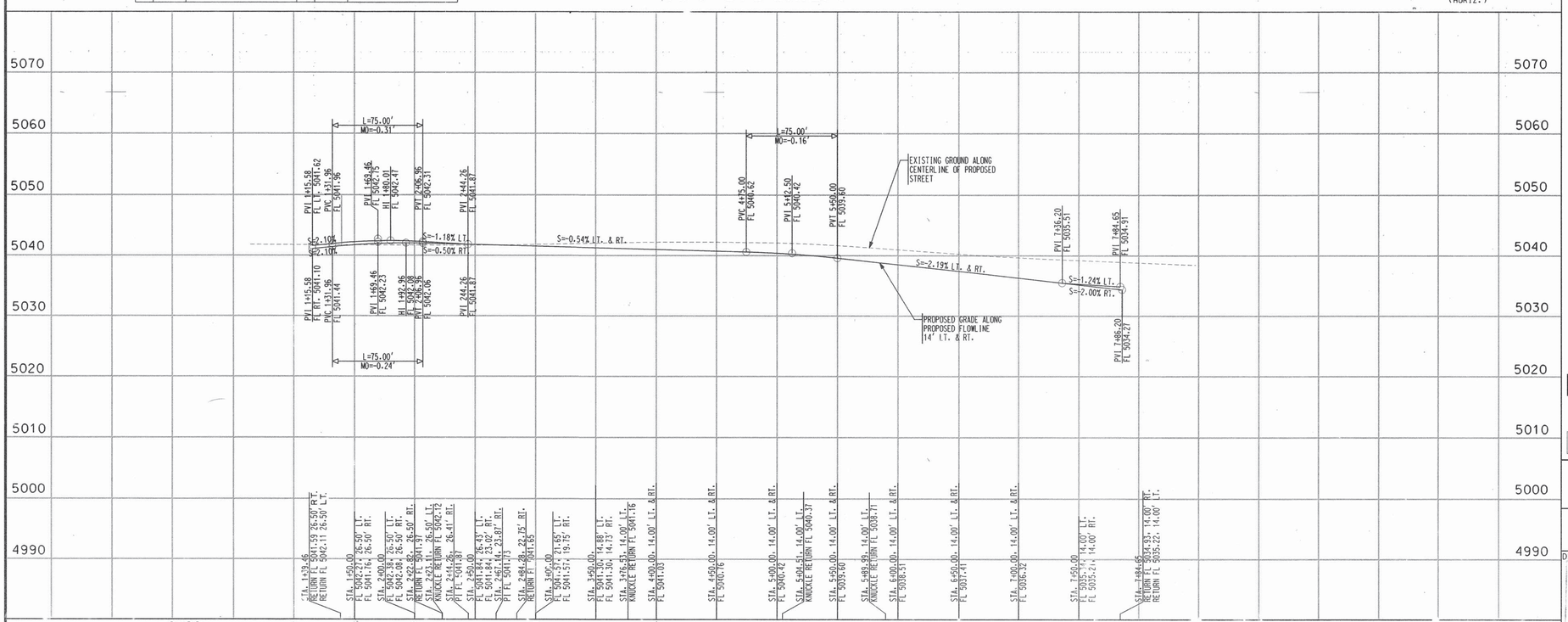
D = 90°00'00"
L = 39.27'
R = 25.00'

Ⓙ	TC	FL
1	35.39	34.73
2	34.54	34.52
3	34.99	34.32

D = 90°00'00"
L = 39.27'
R = 25.00'

VIA CHAMISA

SCALE: 1" = 50' (HORIZ.)



NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
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* NOT APPLICABLE THIS SHEET

KEYED GENERAL NOTES

1. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
2. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421
3. * INSTALL WHEELCHAIR RAMP AS PER STD. DWG. 2441, CASE I WITH ALTERNATE SECTION AA
4. INSTALL WHEELCHAIR RAMP AS PER STD. DWG. 2441, CASE II
5. STD. CURB & GUTTER AS PER STD. DWG. 2415
6. ROLL CURB & GUTTER AS PER STD. DWG. 2415
7. MEDIAN CURB & GUTTER AS PER STD. DWG. 2415
8. FUTURE 4' SIDEWALK
9. BUILD 4' SIDEWALK

AS-BUILT INFORMATION
CONTRACTOR SUNDANCE
WORK STAKED BY ALS, INC DATE 01/99
INSPECTOR'S ACCEPTANCE BY RH DATE 01/99
FIELD VERIFICATION BY ALS, INC DATE 2-99
DRAWINGS CORRECTED BY ALS, INC DATE 2-99
MICRO-FILM INFORMATION
RECORDED BY DATE
NO. DATE

BENCH MARKS
ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORD. (CENTRAL ZONE)
X=357,526.69 Y=1,525,168.35
GROUND TO GRID FACTOR = 0.9996640
DELTA ALPHA = -00DEG 16 MIN 30 SEC
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION
FIELD NOTES

NO.	DATE	BY

ENGINEER'S SEAL
JAMES R. TOPMILLER NEW MEXICO 9354 REGISTERED PROFESSIONAL ENGINEER
4-23-99

NO.	DATE	REMARKS
		REVISIONS
		DESIGN

DESIGNED BY CMG/JCA DATE 04/99
DRAWN BY OR/GGG/JAO DATE 04/99
CHECKED BY JCA DATE 04/99

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

LAS SENDAS DEL NORTE
PAVING PLAN & PROFILE
VIA CHAMISA

DESIGN REVIEW COMMITTEE APPROVAL 1999 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL APPROVED JUN -9 2000 CITY ENGINEER
MO./DAY/YR. MO./DAY/YR.
LAST DESIGN UPDATE

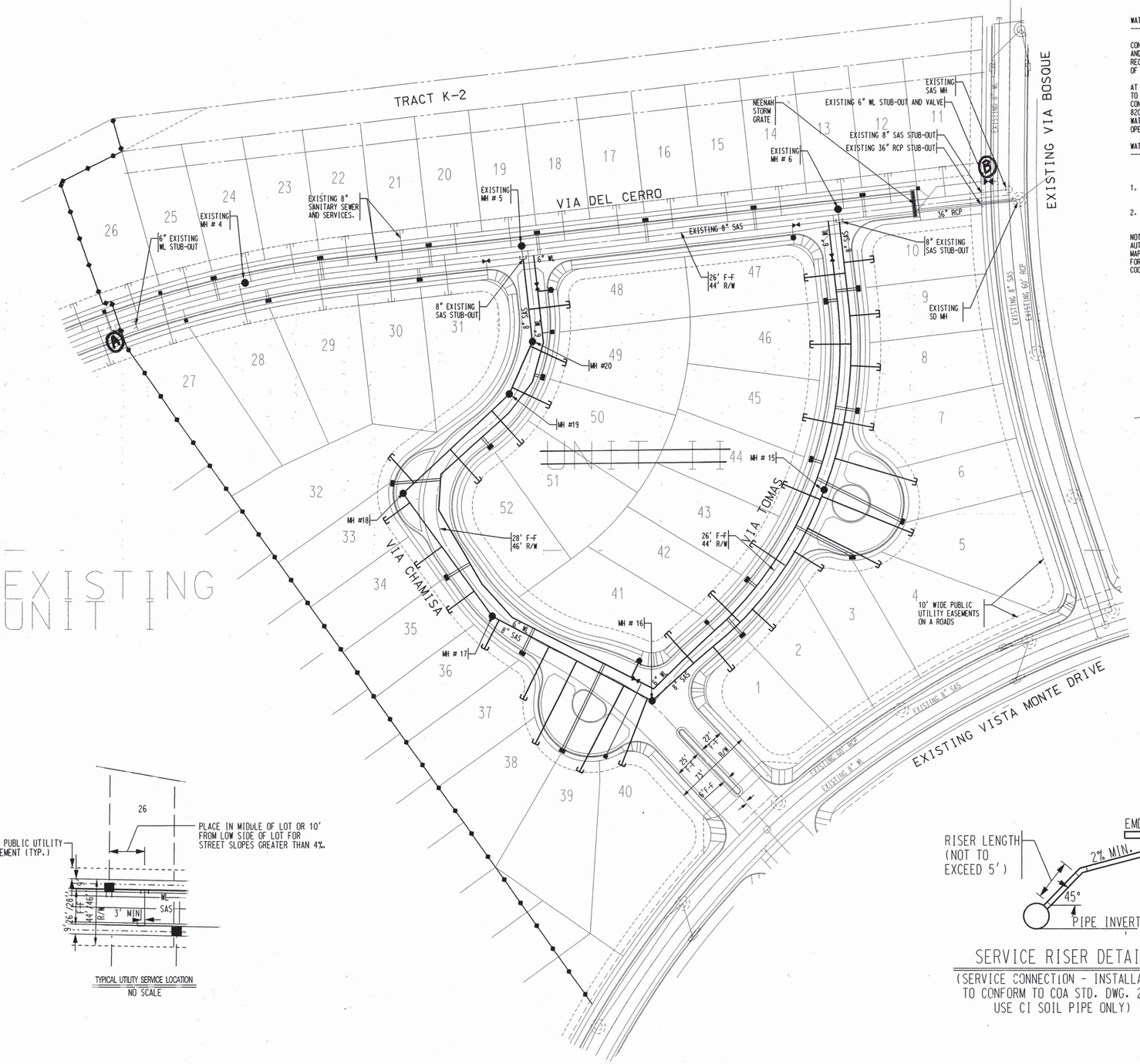
CITY PROJECT NO. 6093.81
ZONE MAP NO. D-16/Z-16
SHEET 5 OF 14

DATE: APRIL, 1999

BH: JOB NO 97155A04

P:\A01_BHI MAIN\97455\CDP\PNP\UNIT 2
97455PPNP07.DGN

26 6093.81 0501



WATER SHUT-OFF REQUIREMENTS:

CONTRACTOR WILL BE RESPONSIBLE FOR THE TIMING AND COORIDINATION OF THE WATER SHUT-OFF REQUIREMENTS IN CONJUNCTION WITH THE COMPLETION OF THE PROJECT.

AT LEAST FIVE (5) WORKING DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT PWD/WATER SYSTEMS DIV. (827-8200) TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN. CONTRACTOR SHALL NOT OPERATE CITY VALVES.

WATER SHUT-OFF PLAN:

	CLOSE VALVE
1. VIA DEL CERRO 6" STUB-OUT	A
2. BOSQUE RD. 6" STUB-OUT	B

NOTE: VALVES A & B ARE NOT SHOWN ON THE COA AUTOMATED WATER DISTRIBUTION SYSTEM SECTIONAL MAPS. AND FOR THIS REASON ARE LABELED AS SUCH FOR THIS PLAN ONLY. THE CONTRACTOR SHALL COORDINATE THE SHUT-OFF PLAN WITH THE OWNER.

LEGEND

- PROPOSED SANITARY SEWER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM SEWER MH
- PROPOSED FIRE HYDRANT
- EXISTING FIRE HYDRANT
- PROPOSED GATE VALVE
- EXISTING GATE VALVE
- PROPOSED SANITARY SEWER LINE — SAS —
- EXISTING SANITARY SEWER LINE — SAS —
- PROPOSED WATER LINE — W —
- EXISTING WATER LINE — W —
- PROPOSED STORM DRAIN — RCP —
- EXISTING STORM DRAIN — RCP —
- PROPOSED SANITARY SEWER SERVICE
- PROPOSED DOUBLE WATER METER SERVICE
- PHASING BOUNDARY

RESTRAINING JOINT TABLE:

MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS (6")	(8")	(10")
11.25° H. BEND	2'	3'	3'
22.50° H. BEND	4'	5'	6'
45° H. BEND	8'	11'	13'
90 °. H. BEND	20'	26'	31'
GATE VALVE	55'	72'	86'
BTRFLY VALVE	---	---	---
REDUCER (8" X 6")	30'	30'	30'

NOTE:

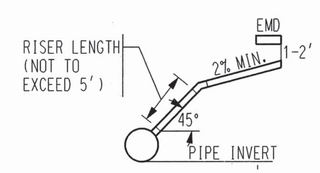
1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. ALL PIPE POINTS WITHIN 20 LF OF MJ SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.
3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE. (SEE NOTE 2 ABOVE)
4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANTS JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.
5. ALL CAPS SHALL UTILIZE PCC BLOCKING

CONSTRUCTION MATERIALS:

8" SANITARY SEWER SHALL BE SDR-35.

6" WATERLINE SHALL BE C-900.

TYPICAL UTILITY SERVICE LOCATION
NO SCALE



SERVICE RISER DETAIL

(SERVICE CONNECTION - INSTALLATION TO CONFORM TO COA STD. DWG. 2134 USE CI SOIL PIPE ONLY)

26 6093.81 0801

BH JOB NO. 97455A0@

AS-BUILT INFORMATION

CONTRACTOR SUNDANCE
STAKED BY ALS, INC. DATE 2/98
ENGINEERING ACCEPTANCE BY AH DATE 5/98
FIELD INSPECTION BY ALS, INC DATE 5/98
DRAWINGS CORRECTED BY ALS, INC DATE 7/98

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORD. (CENTRAL ZONE)
X=357,526.69 Y=1,525,168.35
GROUND TO GRID FACTOR = 1.9996640
DELTA ALPHA = -00 DEG 16 MIN. 30 SEC.
NGVD 1929 ELEVATION = 5419.522

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JAMES K. TUPHILLER
NEW MEXICO
9354
REGISTERED PROFESSIONAL ENGINEER
4-22-99

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY JCA/CMG DATE 12/98
DRAWN BY CMG/CGG DATE 12/98
CHECKED BY JCA DATE 12/98

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

LAS SENDAS DEL NORTE
OVERALL UTILITY PLAN

DESIGN REVIEW COMMITTEE: APPROVED JUN 17 1999 8/28/00 KB DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL: APPROVED CITY ENGINEER

LAST DESIGN UPDATE

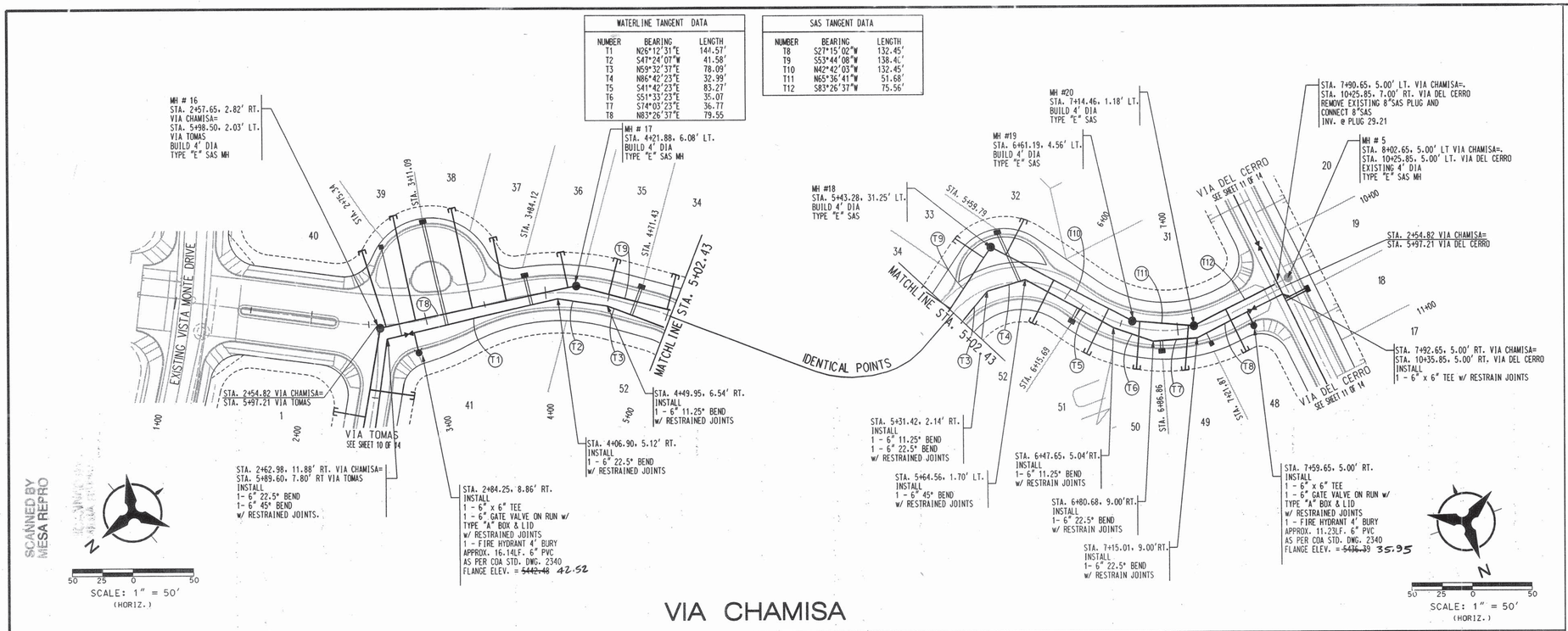
CITY PROJECT NO. 609381

ZONE MAP NO. D-16/E-16

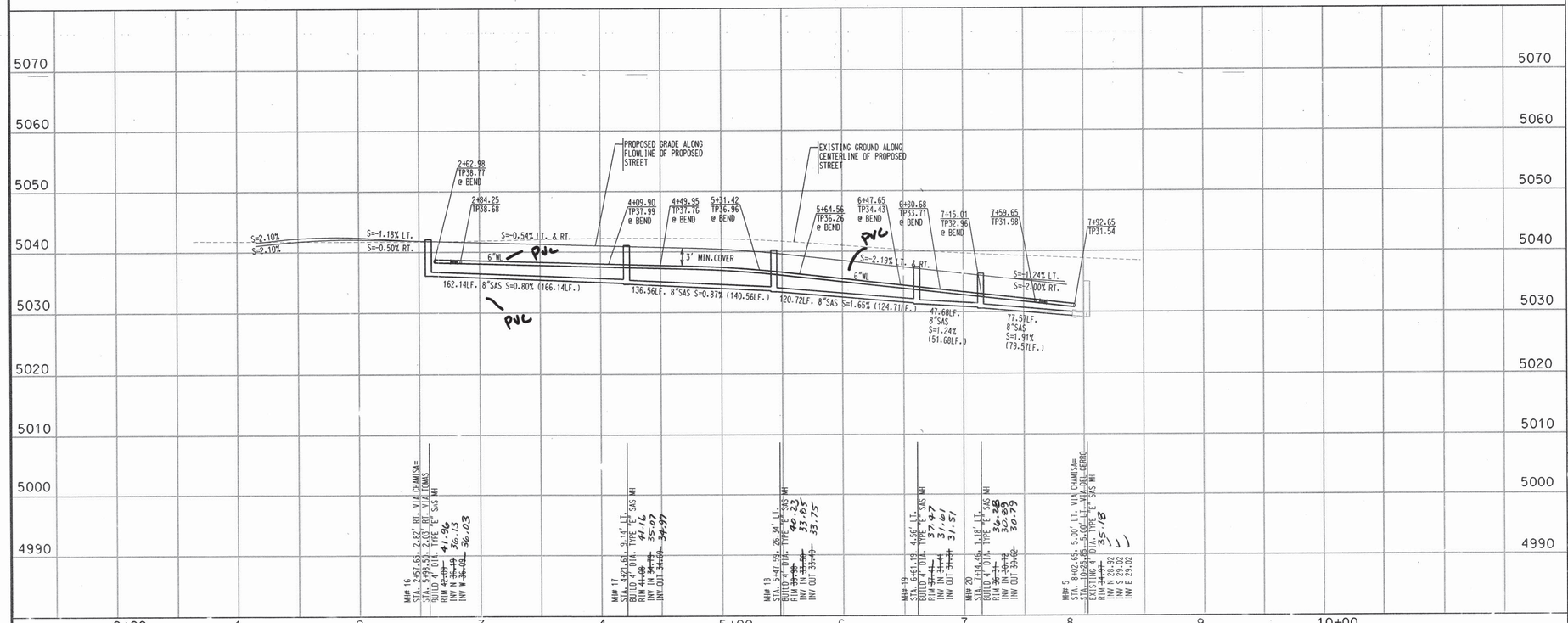
SHEET 8 OF 14

WATERLINE TANGENT DATA		
NUMBER	BEARING	LENGTH
T1	N26°12'31"E	144.57'
T2	S47°24'07"W	41.58'
T3	N59°32'37"E	78.09'
T4	N86°42'23"E	32.99'
T5	S41°42'23"E	83.27'
T6	S51°33'23"E	35.07
T7	S74°03'23"E	36.77
T8	N83°26'37"E	79.55

SAS TANGENT DATA		
NUMBER	BEARING	LENGTH
T8	S27°15'02"W	132.45'
T9	S53°44'08"W	138.4(
T10	N42°42'03"W	132.45'
T11	N65°36'41"W	51.68'
T12	S83°26'37"W	75.56'



VIA CHAMISA



NOTES

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2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
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SANITARY SEWER SERVICES			
LOT NUMBER	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG (W/RISER)
31	SEE SHEET 12 OF 15.	------	------
32	5+51.48.22.56'LT.	33.11'	35.74(N/A)
33	5+37.45.24.47'LT.	28.51'	36.86(N/A)
34	4+98.43. 4.17'LT.	29.49'	36.23(N/A)
35	4+49.07. 3.14'LT.	29.38'	35.78(N/A)
36	4+15.23. 4.24'LT.	29.52'	37.05(N/A)
37	3+63.76. 1.11'RT.	52.70'	37.87(N/A)
38	3+34.98. 0.22'RT.	83.76'	38.68(N/A)
39	2+86.85. 0.80'RT.	87.77'	39.10(N/A)
40	2+62.53. 1.87'RT.	65.39'	38.83(N/A)
41	SEE SHEET 10 OF 14.	------	------
48	7+46.03. 5.00'LT.	38.00'	32.21(N/A)
49	7+11.51. 2.39'LT.	36.21'	32.78(N/A)
50	6+67.72. 5.39'LT.	38.54'	33.35(N/A)
51	6+38.19. 7.78'LT.	40.81'	34.09(N/A)
52	5+86.94. 5.83'LT.	39.52'	34.90(N/A)

NOTE: WATER METER LOCATIONS ARE DESIGNATED BY STATIONING AT PROPERTY CORNERS.

Bohannan ▲ Huston

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

LAS SENDAS DEL NORTE
UTILITY PLAN & PROFILE
VIA CHAMISA

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED JUN 17 1999 8/28/00 KB	APPROVED CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
6093.81	D-16/E-16	9	14

AS-BUILT INFORMATION
CONTRACTOR SUNDANCE
STAKED BY ALS, INC DATE 01/
INSPECTOR'S ACCEPTANCE BY GH DATE 5/01
VERIF. LOCATION BY ALS, INC DATE 5/01
CORRECTED BY ALS, INC DATE 5/01
RECORDED BY MICRO-FILM INFORMATION DATE
NO.

BENCH MARKS
ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORD. (CENTRAL ZONE)
X=357,526.69 Y=1,525,168.35
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SEAL SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
JAMES R. TOPMILLER NEW MEXICO 9354 REGISTERED PROFESSIONAL ENGINEER
4-22-99

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY CMG/JCA DATE 04/99
DRAWN BY OR/GGG/JAO DATE 04/99
CHECKED BY JCA DATE 04/99

SCANNED BY MESA REPRO

P:\A01_BHIMAIN\97455\CDP\PNP\UNIT 2
97455UPNP07.DGN

BHI JOB NO. 97455.04

DATE: APRIL, 199

26 6093.81 0901

WATERLINE CURVE DATA				
NUMBER	ARC	RADIUS	DELTA	TANGENT
C1	322.99'	345.00'	16°36'27"	174.42'

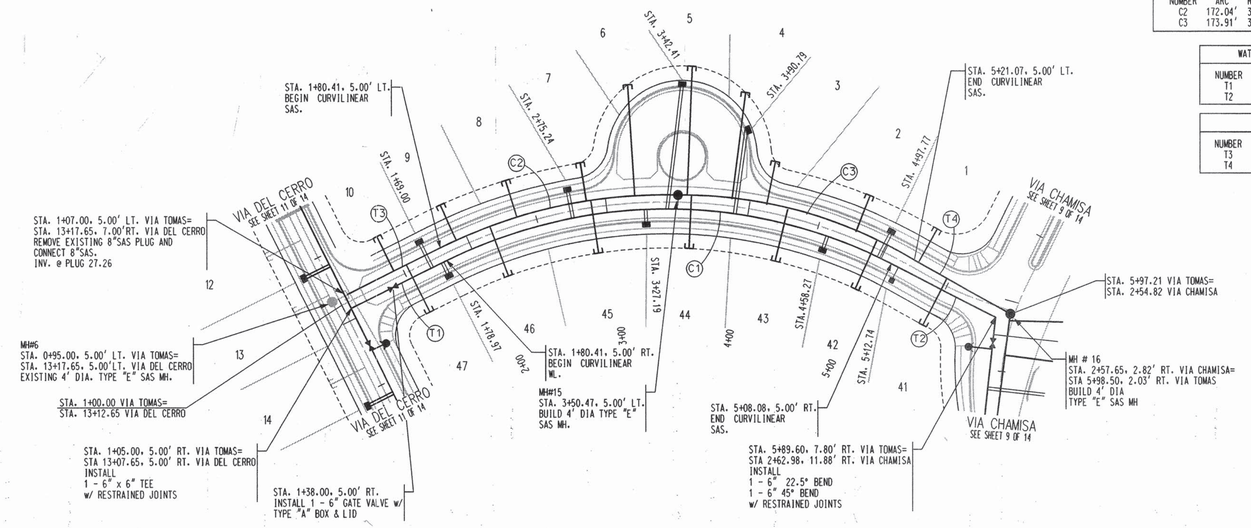
SAS CURVE DATA				
NUMBER	ARC	RADIUS	DELTA	TANGENT
C2	172.04'	351.90'	16°16'54"	87.17'
C3	173.91'	320.67'	17°52'02"	89.15'

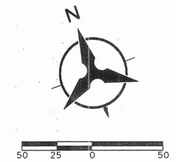
WATERLINE TANGENT DATA		
NUMBER	BEARING	LENGTH
T1	N83°26'37"E	75.41'
T2	N42°54'58"W	82.29'

SAS TANGENT DATA		
NUMBER	BEARING	LENGTH
T3	S83°26'37"W	73.41'
T4	N40°47'27"W	77.27'

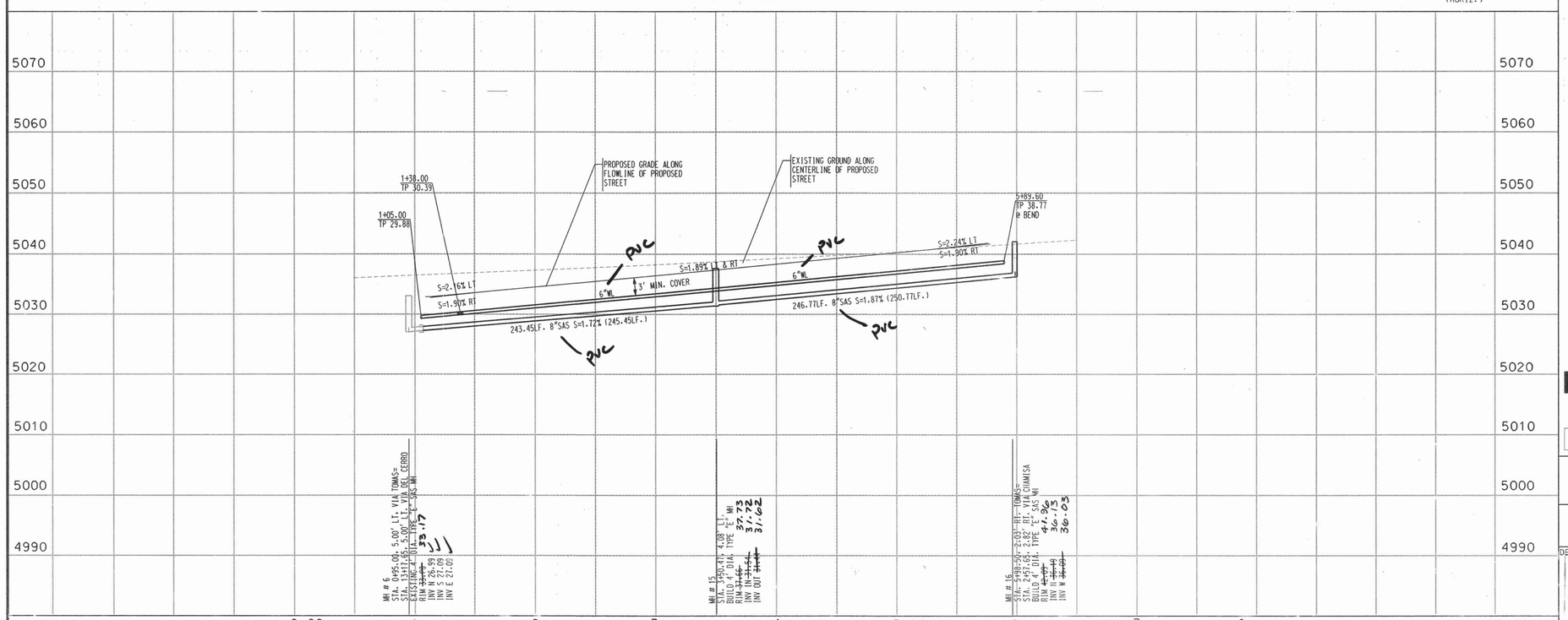
SANITARY SEWER SERVICES			
LOT NUMBER	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG (W/RISER)
1	5+24.60, 5.00'LT.	27.00'	36.72(N/A)
2	4+76.02, 5.00'LT.	27.00'	35.85(N/A)
3	4+11.80, 5.00'LT.	30.78'	34.70(N/A)
4	3+87.58, 5.00'LT.	74.22'	35.11(N/A)
5	3+56.36, 5.00'LT.	89.22'	34.82(N/A)
6	3+20.17, 5.00'LT.	77.09'	33.83(N/A)
7	2+86.72, 5.00'LT.	27.00'	32.25(N/A)
8	2+37.04, 5.00'LT.	27.00'	31.40(N/A)
9	1+92.51, 5.00'LT.	27.00'	30.63(N/A)
10	1+43.77, 5.00'LT.	27.00'	29.80(N/A)
41	5+47.68, 5.00'LT.	37.12'	34.48(2.00)
42	4+91.90, 5.00'LT.	37.00'	33.84(2.00)
43	4+26.66, 5.00'LT.	37.00'	32.89(2.00)
44	3+59.37, 5.00'LT.	37.00'	31.35(1.00)
45	2+89.76, 5.00'LT.	37.00'	32.50(N/A)
46	2+17.48, 5.00'LT.	37.00'	31.26(N/A)
47	1+53.74, 5.00'LT.	33.41'	30.17(N/A)

NOTE: WATER METER LOCATIONS ARE DESIGNATED BY STATIONING AT PROPERTY CORNERS.





VIA TOMAS



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

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE ALONG FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
13. STATIONING AND OFFSETS GIVEN FOR DROP INLETS ARE GIVEN AT CENTER OF GRATE AT FLOWLINE

AS-BUILT INFORMATION
CONTRACTOR SUNDANCE
WORK STAKED BY ACS, INC DATE 8/10
FIELD INSPECTOR ACCEPTANCE BY BH DATE 8/10
FIELD VERIFICATION BY ACS, INC DATE 8/31
DRAWINGS CORRECTED BY ACS, INC DATE 8/31
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORD. (CENTRAL ZONE)
X=357.526.69 Y=1.525.168.35
GROUND TO GRID FACTOR = 0.9996640
DELTA ALPHA = -00DEG 16 MIN 30 SEC
NGVD 1929 ELEVATION = 5419.522

ENGINEER'S SEAL
JAMES R. TOPMILLER NEW MEXICO 9354 REGISTERED PROFESSIONAL ENGINEER
4-22-99

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY CMG/JCA DATE 04/99
DRAWN BY OR/GGG/JAQ DATE 04/99
CHECKED BY JCA DATE 04/99

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

LAS SENDAS DEL NORTE
UTILITY PLAN & PROFILE
VIA TOMAS

DESIGN REVIEW COMMITTEE: APPROVED JUN 17 1999 8/28/00 KB
CITY ENGINEER APPROVAL: APPROVED 8-28-00 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO 6093.81 | ZONE MAP NO. D-17/E-17 | SHEET 10 OF 14

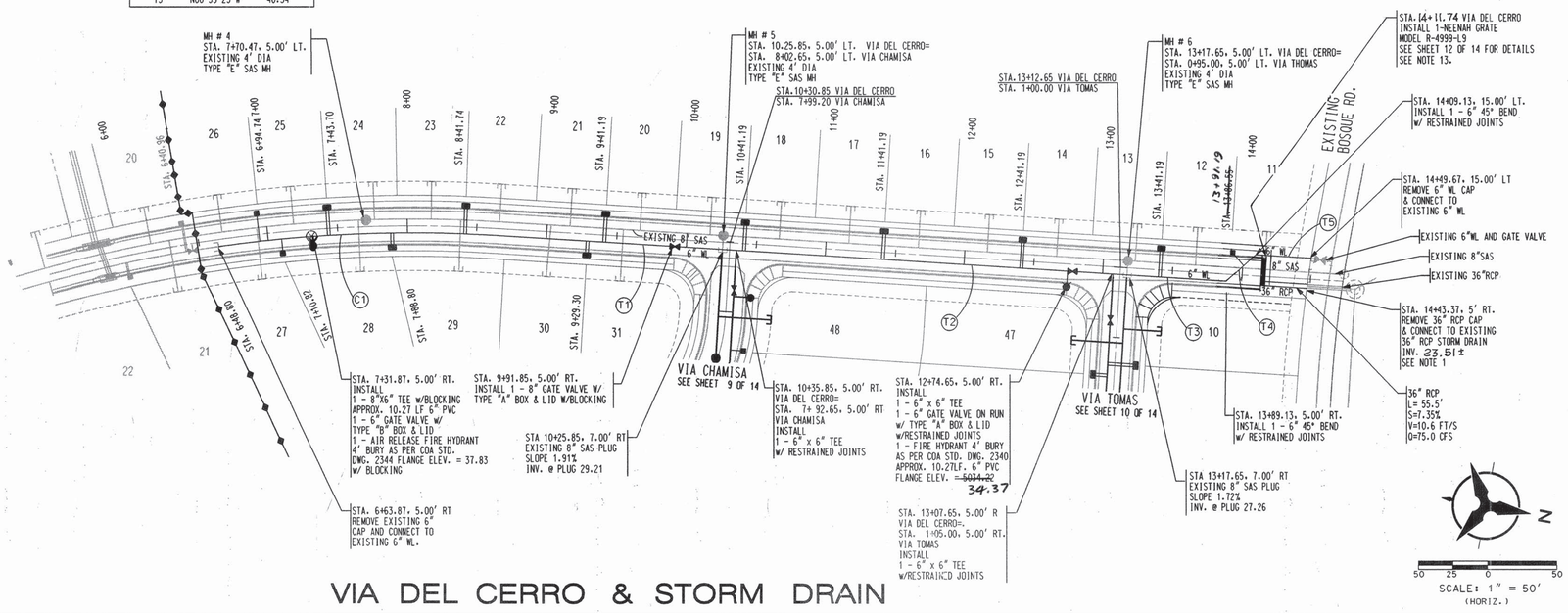
BHI JOB NO. 97455

P:A01_BHIMAIN\97455\CDP\PNP\UNIT 2
97455UPNP06.DGN

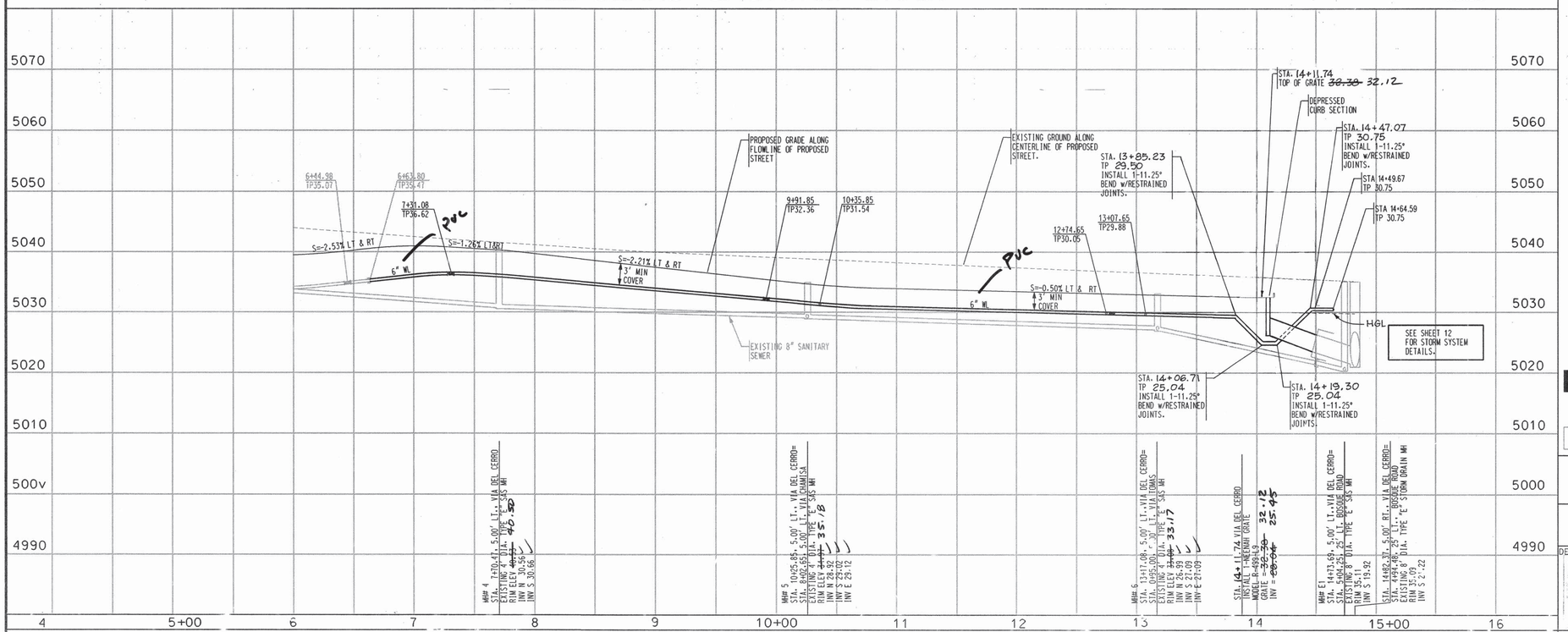
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 6093.81 0001

WATERLINE CURVE DATA				
NUMBER	ARC	RADIUS	DELTA	TANGENT
C1	180.96'	995.00'	5°45'30"	90.73'

WATERLINE TANGENT DATA		
NUMBER	BEARING	LENGTH
T1	N06°33'23"W	168.78'
T2	N06°33'23"W	271.80'
T3	N06°33'23"W	81.48'
T4	N51°33'23"W	28.28'
T5	N06°33'23"W	40.54'



VIA DEL CERRO & STORM DRAIN



NOTES

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12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
13. STATIONING AND OFFSETS GIVEN FOR DROP INLETS ARE GIVEN AT CENTER OF GRATE AT FLOWLINE

EXISTING SANITARY SEWER SERVICES			
LOT NUMBER	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG (W/RISER)
11	14+16.19, 5.00'LT.	27.00'	25.76(2')
12	13+66.19, 5.00'LT.	27.00'	26.70(-)
13	13+22.97, 5.00'LT.	27.00'	28.71(-)
14	12+66.19, 5.00'LT.	27.00'	29.27(-)
15	12+16.19, 5.00'LT.	27.00'	29.59(-)
16	11+66.19, 5.00'LT.	27.00'	29.91(-)
17	11+16.19, 5.00'LT.	27.00'	30.23(-)
18	10+66.19, 5.00'LT.	27.00'	30.55(-)
19	10+16.19, 5.00'LT.	27.00'	29.68(-)
20	9+16.19, 5.00'LT.	27.00'	30.23(-)
21	9+16.19, 5.00'LT.	27.00'	30.78(-)
22	8+65.96, 5.00'LT.	27.00'	32.03(1')
23	8+17.18, 5.00'LT.	27.00'	33.26(2')
24	7+76.48, 5.00'LT.	27.00'	33.71(2')
25	7+19.40, 5.00'LT.	27.00'	33.88(1')
26	6+67.68, 5.00'LT.	27.00'	33.96(-)
27	6+92.56, 5.00'LT.	37.00'	34.48(1')
28	7+65.07, 5.00'LT.	37.00'	34.09(2')
29	8+38.26, 5.00'LT.	37.00'	33.23(2')
30	9+02.83, 5.00'LT.	37.00'	31.13(-)
31	9+54.30, 5.00'LT.	37.00'	30.56(-)

NOTE: WATER METER LOCATIONS ARE DESIGNATED BY STATIONING AT PROPERTY CORNERS.

Bohannan ▲ Huston

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

AS-BUILT INFORMATION
CONTRACTOR SUNWATER
WORK STAKED BY ACS, INC
INSPECTOR'S ACCEPTANCE BY BH DATE 8/6/99
VERIFICATION BY ACS, INC DATE 8/20/99
DRAWINGS CHANGED BY ACS, INC DATE 8/31/99
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORD. (CENTRAL ZONE)
X=357.526.69 Y=1.525.168.35
GROUND TO GRID FACTOR = 0.9996640
DELTA ALPHA = -00DEG 16 MIN 30 SEC
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
JAMES R. TOPNILLER NEW MEXICO 9354 REGISTERED PROFESSIONAL ENGINEER
4-22-99

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY CMG/JCA DATE 04/99
DRAWN BY OR/GGG/JAO DATE 04/99
CHECKED BY JCA DATE 04/99

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

LAS SENDAS DEL NORTE
UTILITY PLAN & PROFILE
VIA DEL CERRO & STORM DRAIN

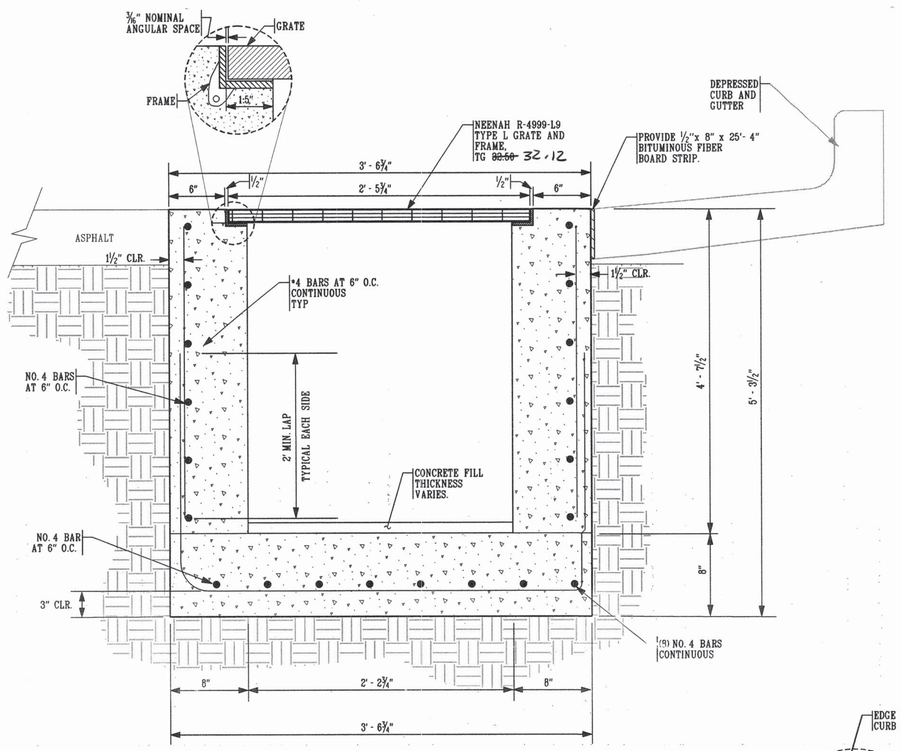
DESIGN REVIEW COMMITTEE: JUN 17 1999 — 6/28/00
CITY ENGINEER APPROVAL: APPROVED — CITY ENGINEER
LAST DESIGN UPDATE — MO./DAY/YR. — MO./DAY/YR.

CITY PROJECT NO. 6093.81 | ZONE MAP NO. D-16/E-16 | SHEET 11 OF 14

P:A01_BHIMAIN\97455\CDP\PN#\UNIT 2
97455UPN#05.DGN

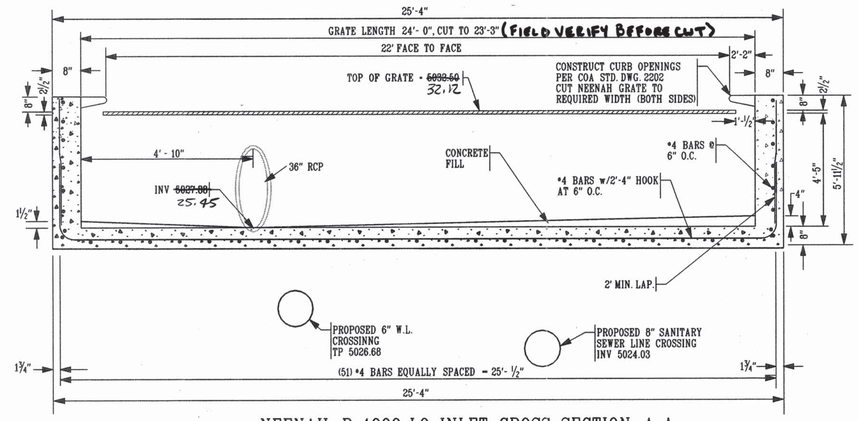
BHI JOB NO. 97455.A04

26 6093.81 1101



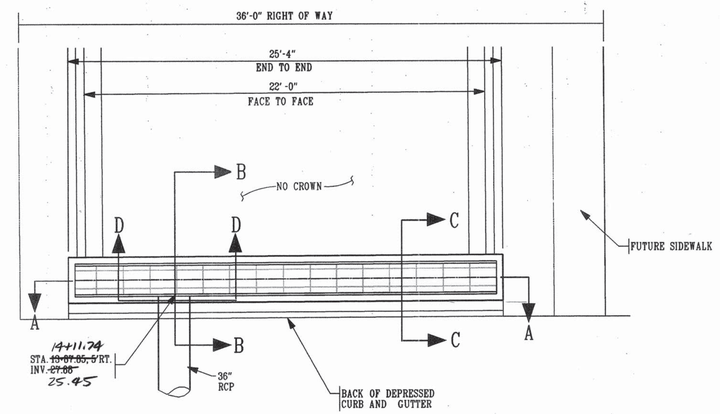
GRATE CROSS SECTION C-C

NOT TO SCALE



NEENAH R-4999-L9 INLET CROSS SECTION A-A

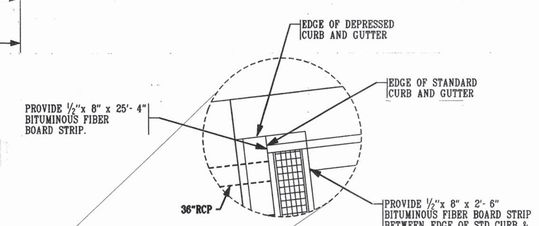
NOT TO SCALE



INLET PLAN VIEW

NEENAH GRATE R-499-L9
CATOLOG "R", 11TH EDITION

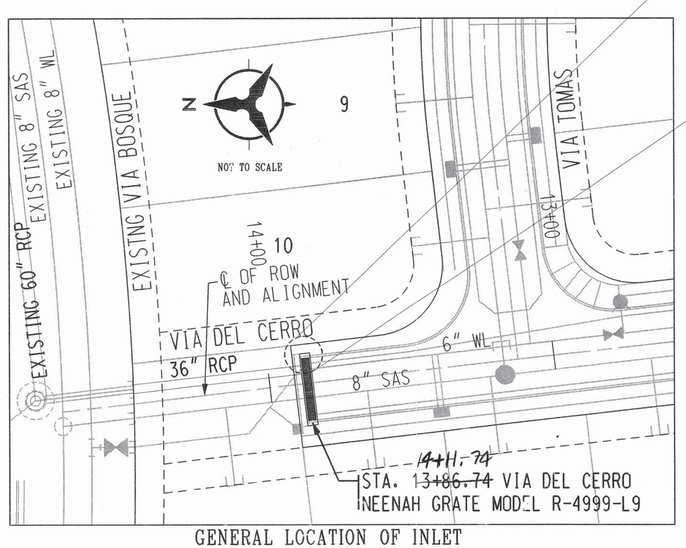
NOT TO SCALE



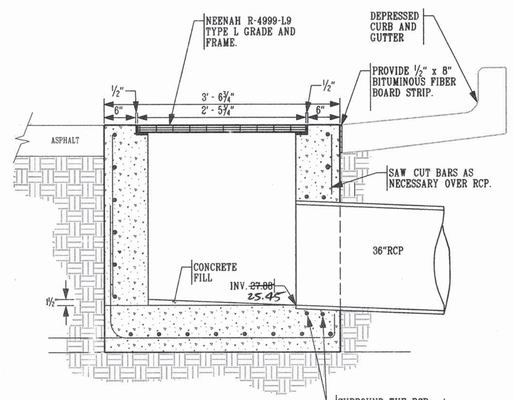
CURB DETAIL

(TYPICAL EACH SIDE OF HEADWALL)

NOT TO SCALE

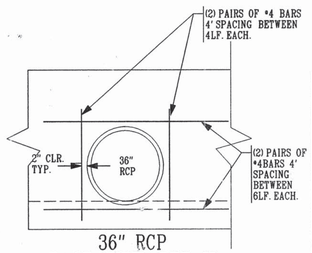


GENERAL LOCATION OF INLET



SECTION B-B

NOT TO SCALE



36" RCP
FACE VIEW DETAIL
SECTION D-D

NOT TO SCALE

Bohannan ▲ Huston

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

LAS SENDAS DEL NORTE

STORM DRAIN DETAIL SHEET

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED JUN 17, 1999 8/28/00	APPROVED JUN 10 2000 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
609381	D-16/E-16	12	14

ENGINEER'S SEAL

JAMES R. TOPMILLER NEW MEXICO 9254 REGISTERED PROFESSIONAL ENGINEER 4.22.99

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

ACSBRASS TABLET STAMPED "1-810"

GEOGRAPHIC POSITION (NAD 1927) N.M. STATE PLANE COORD. (CENTRAL ZONE)
X=357,526.69 Y=1,525,168.35

GROUND TO GRID FACTOR= 0.9996640

DELTA ALPHA = -00DEG 16 MIN. 30 SEC.

NGVD 1929 ELEVATION = 5419.522

AS-BUILT INFORMATION

CONTRACTOR SUNDANCE
WORK STAKED BY ACS, INC DATE 8/96
INSPECTOR'S ACCEPTANCE BY BH DATE 8/96
VERIFICATION BY ACS, INC DATE 8/96
CORRECTIONS MADE BY ACS, INC DATE 8/96

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY	JCA	DATE 4/99
DRAWN BY	JAOG	DATE 4/99
CHECKED BY	JCA	DATE 4/99

BHI JOB NO. 97455A04

COPYRIGHT BOHANNAN HUSTON 1998
DATE: APRIL, 1999

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 6093.81 1201

P:\BHI-MAIN\PROJECTS\97455\CDP\GENERAL 97455SDTAIL.DGN

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.

2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.

3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.

4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.

6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.

8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.

9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.

10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.

11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24HOUR PER DAY BASIS UNTIL COMPLETED. (1)

12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.

13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELLED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

19. (2) 48 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
    1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
    2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
    3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

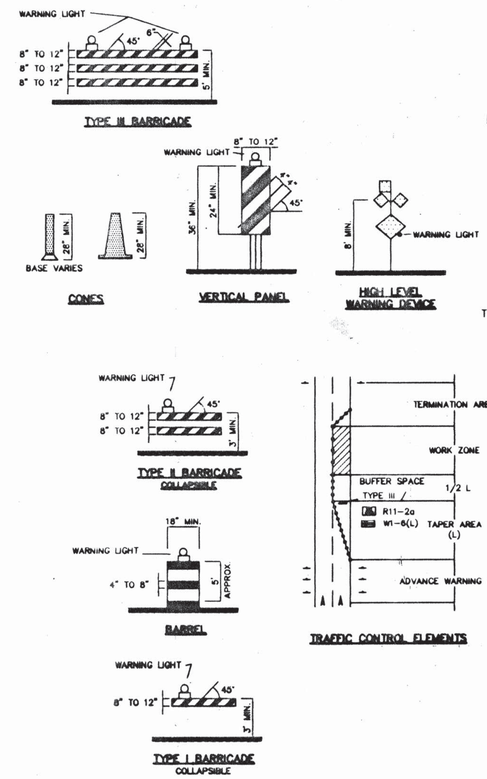
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

26. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGTH AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D. (3)

27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY. (4)



LEGEND

- WORK AREA
- BARRICADE - TYPE I, TYPE II, OR BARREL
- BARRICADE - TYPE III
- X VERTICAL PANEL
- WARNING SIGN
- D DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
- FLAGMAN POSITION
- S SPACING BETWEEN BARRICADES- A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET
- L TAPER LENGTH - SEE CHART BELOW

THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENTS

SPEED LIMIT (MPH)	TAPER LENGTH (L) (FEET)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE		ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED MILES PER HOUR	MINIMUM DISTANCE IN FEET BETWEEN SIGNS	MINIMUM DISTANCE IN FEET FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

TAPER CRITERIA

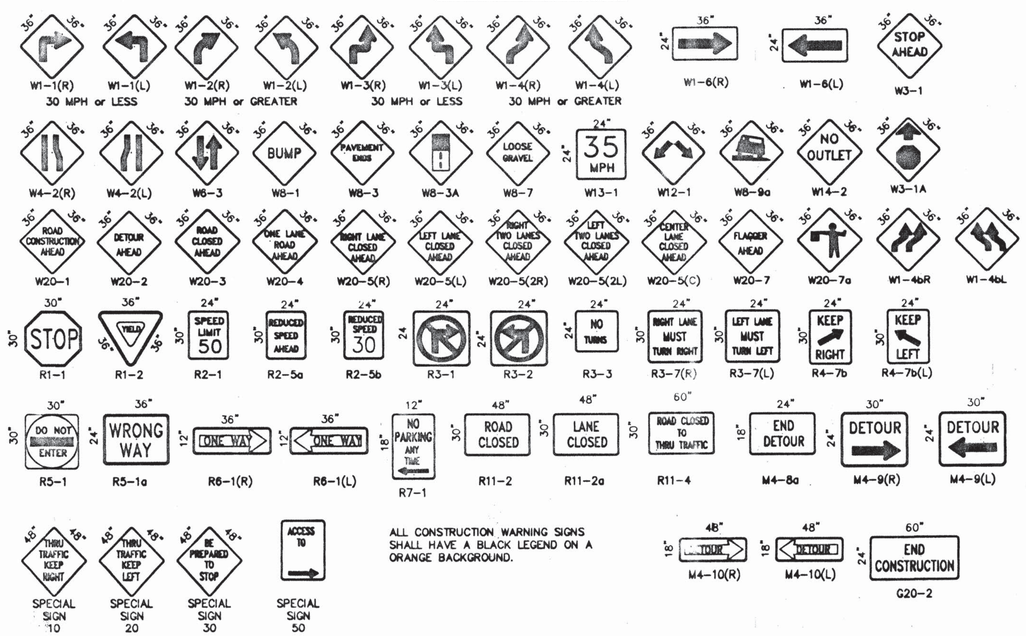
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	
40 MPH OR LESS	$L = \frac{WS^2}{60}$
45 MPH OR GREATER	$L = W \times S$

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

SIGN FACE DETAILS



ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

AS BUILT INFORMATION
CONTRACTOR SINDEMAR CORP. 01
WORK STAKED BY ALS, INC. DATE 10/26/01
FIELD CHECKS BY JH DATE 9/16
AS-BUILTS ACCEPTANCE BY ALS, INC. DATE 9/30
VERIFICATION BY ALS, INC. DATE 9/01
DRAWING BY ALS, INC. DATE 9/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
4	9/25/97	ADD NOTE NO. 27	J.D.L.
3	9/24/97	REVISED NOTE NO. 26	J.D.L.
2	9/24/97	REVISED NOTE NO. 19	J.D.L.
1	9/24/97	REVISED NOTE NO. 11	J.D.L.

REVISIONS

DESIGN
DESIGNED BY DATE
DRAWN BY C.O.A. STANDARDS DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE LAS SENDAS DEL NORTE
SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | LAST UPDATE MO./DAY/YR. | MO./DAY/YR.

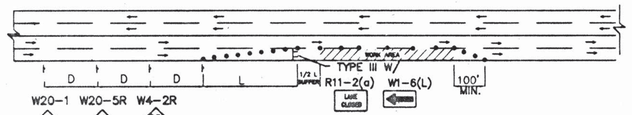
COA Standard

PROJECT NO. 6093.81 | MAP NO. DRAFT-16 | SHEET 13 OF 14

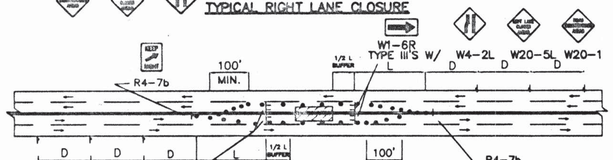
26 6093.81 1301

SCANNED BY MESA REPRO

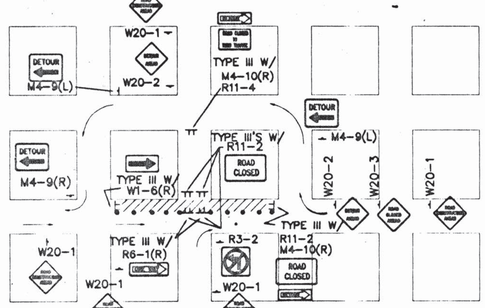
CTCSTN01.DWG



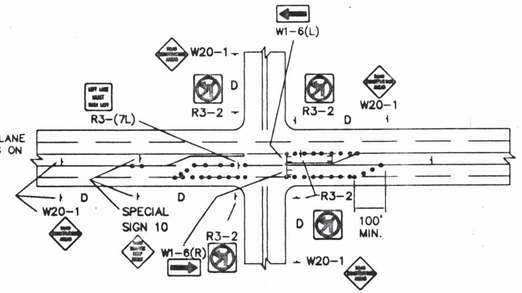
TYPICAL RIGHT LANE CLOSURE



TYPICAL LEFT LANE CLOSURE



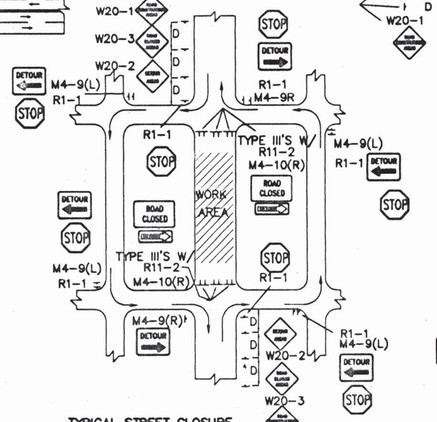
TYPICAL ONE DIRECTION DETOUR



NOTE:
MAY REQUIRE LEFT LANE CLOSURE DEPENDING ON FIELD CONDITIONS.

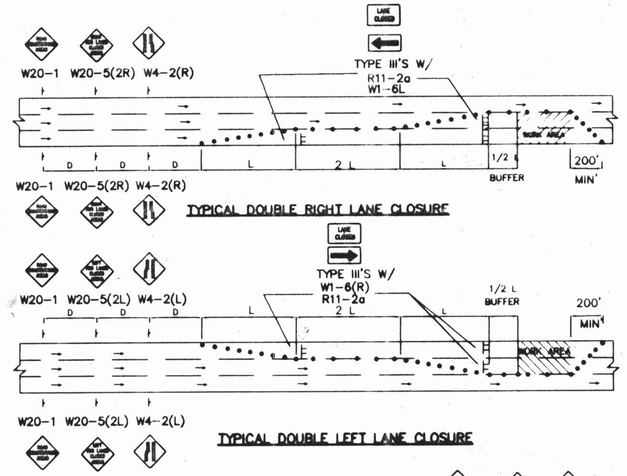
TYPICAL LANE CLOSURE AT INTERSECTION

NOTE: DEPENDING ON WORK ZONE LOCATION



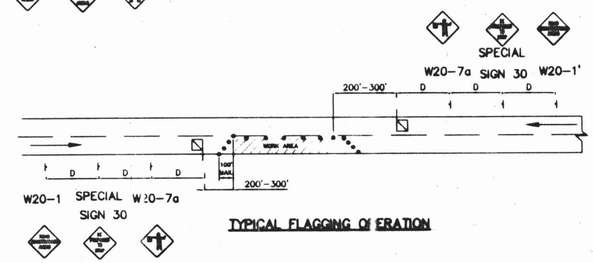
TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.

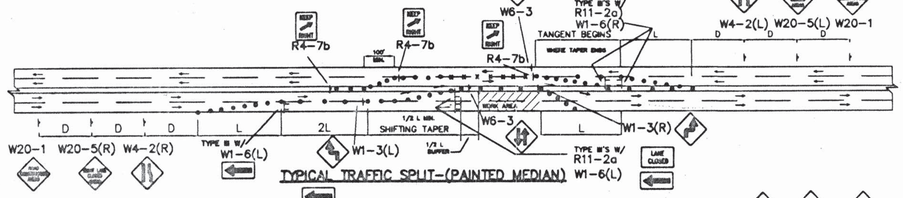


TYPICAL DOUBLE RIGHT LANE CLOSURE

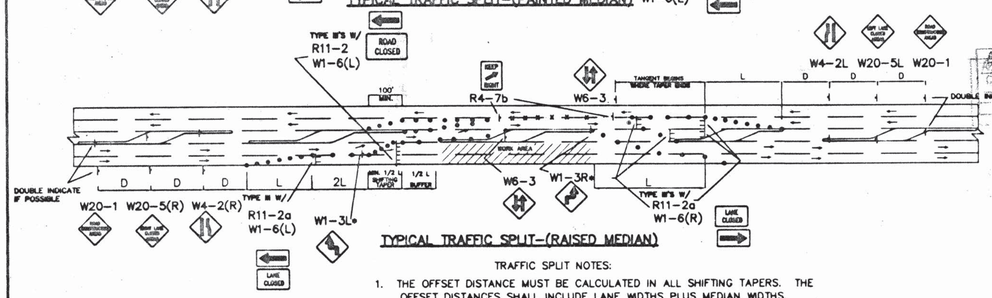
TYPICAL DOUBLE LEFT LANE CLOSURE



TYPICAL FLAGGING OPERATION



TYPICAL TRAFFIC SPLIT-(PAINTED MEDIAN)

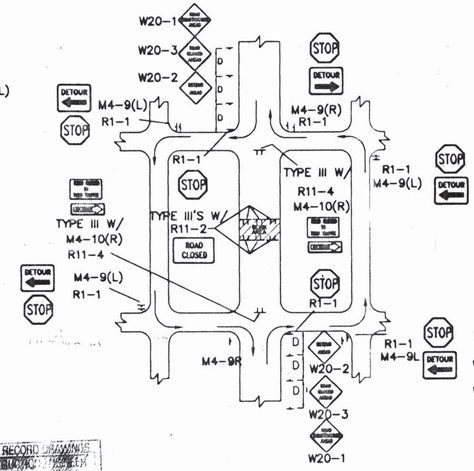


APPROVAL OF RECORD DRAWING
CHIEF CONSTRUCTION INSPECTOR
CHIEF CONSTRUCTION ENGINEER
DATE

TYPICAL TRAFFIC SPLIT-(RAISED MEDIAN)

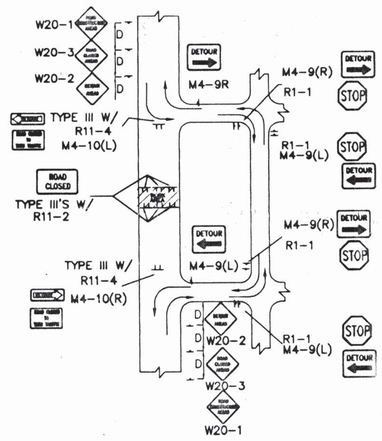
TRAFFIC SPLIT NOTES:

1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
2. 1/2 L IS MINIMUM DISTANCE FOR SHIFTING TAPERS.
3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
4. MEDIAN REMOVAL SHALL BE REQUIRED IF 1/2 L OR REVERSE CURVE IS NOT SUFFICIENT. MEDIAN REMOVAL SHALL TAKE PLACE BEFORE SPLITS.
5. REDUCED SPEED MAY BE CONSIDERED.
6. * USE W1-3 FOR 30 MPH OR LESS, W1-4 FOR SPEED 35 MPH OR GREATER.



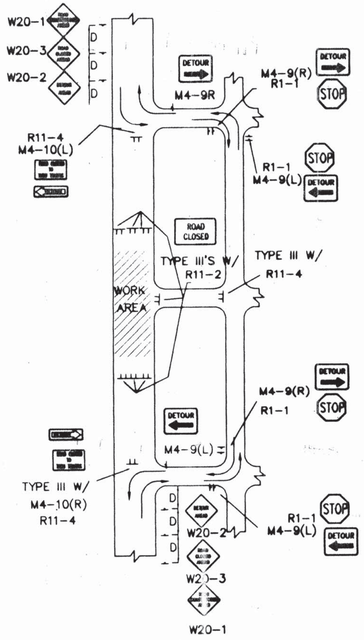
TYPICAL MID-BLOCK CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.



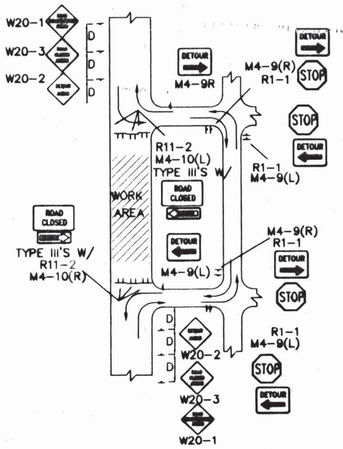
TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.



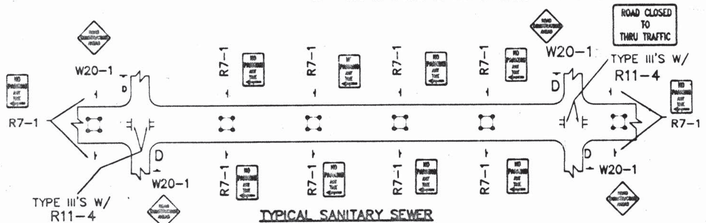
TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.



TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.



TYPICAL SANITARY SEWER SUPLINING OPERATION

- ALL PITS TO HAVE TYPE-A FLASHING LIGHTS.
- ALL PITS TO HAVE FLAGLINE.

GENERAL NOTE:

ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF 36" THIRTY SIX INCHES BY 36" THIRTY SIX INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT.

AS BUILT INFORMATION
CONTRACTOR SUNDANCE DATE 2/10
WORK STAKED BY ALS INC DATE 6/10
INSPECTOR'S ACCEPTANCE BY BH DATE 6/10
VERIFICATION BY ALS INC DATE 7/10
DRAWINGS BY ALS INC DATE 7/10
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	9/24/91	REVISED GENERAL NOTE	J.D.L.

REVISIONS

DESIGN
DESIGNED BY C.O.A. STANDARDS DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LAS SENDAS DEL NORTE
TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF. M.U.T.C.D.)

DESIGN REVIEW COMMITEE	CITY ENGINEER APPROVAL	LAST UPDATE	MO./DAY/YR	MO./DAY/YR
COA Standard				

PROJECT NO. 6093.81 | MAP NO. DWG-B4 | SHEET 14 OF 14

26 6093.81 1401

SCANNED BY MESA REPRO

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