CONSTRUCTION PLANS
FOR
VENTANA RANCH
TRACT 4A & TRACT 7A
TERESINA SUBDIVISION
COUNTRY HILLS SUBDIVISION
ALBUQUERQUE, NEW MEXICO

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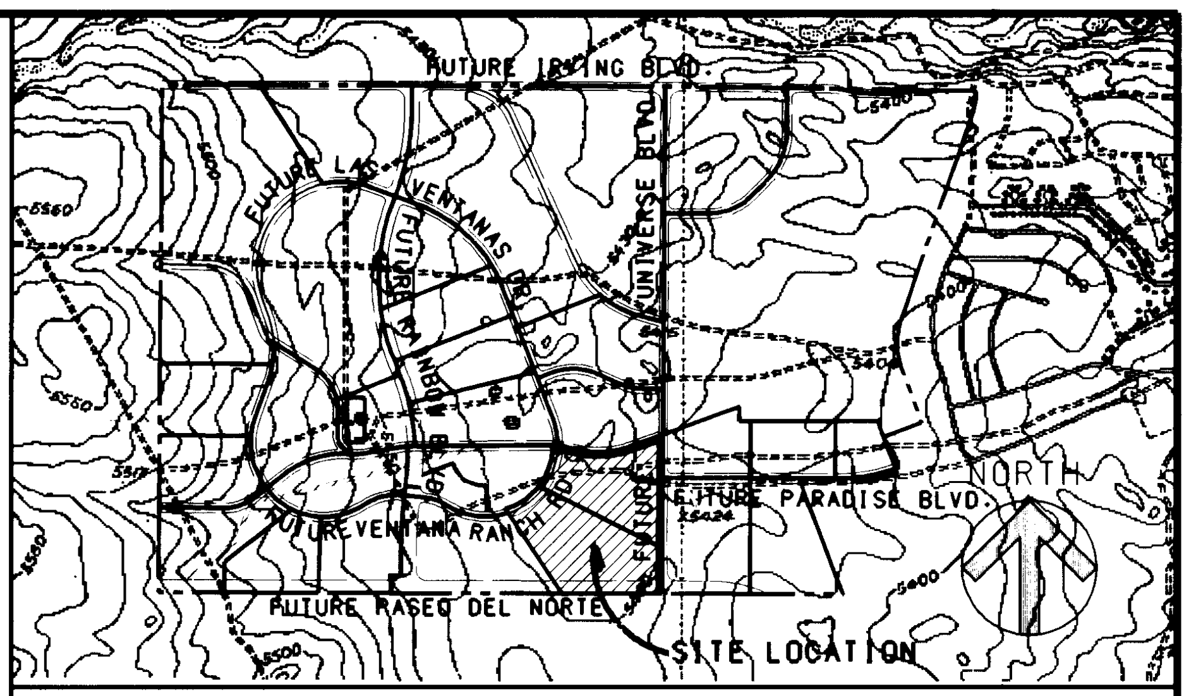
* FOR INFORMATION ONLY. NOT FOR CONSTRUCTION WITH THIS PLAN SET.



VICINITY MAP

NOT TO SCALE
B9.B10

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. THREE (3) 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 IN KIND BY CONTRACTOR TO LOCATION AND IN KIND 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. NEW MEXICO UTILITIES, INC. SPECIFICATIONS FOR WATER AND WASTEWATER FACILITIES (MOST RECENT REVISIONS). NOTIFY N.M.U.I. 3 DAYS PRIOR TO CONSTRUCTION 14 DAY NOTICE FOR WATER SHUT DOWN.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.

☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.

☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.

☒ 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.

☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

☒ 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.

26-5316.91 0177

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
Russell B. Givler
DATE 2-4-97

DRB NO	
TRACT 4	(95-250)
TRACT 7	(96-6)

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

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

APPROVALS	ENGINEER	DATE
DRC Chairman		
Transportation		4-24-96
Water/Wastewater	R.W. Kane	4-10-96
Hydrology		5-8-96
Parks		
Constr. Mngmt.		
NMUI		4-1-96

ENGINEERS STAMP & APPROVAL
TAMARA K. MORGAN
NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
#10995

APPROVED FOR CONSTRUCTION
City Engineer 5/29/96 Date

CITY PROJECT NO. 5316.91

SHEET 1 OF 33

USERNAME: CDP5:[C9526201.TRACT4-7.PAD]PAVING-T7.GRF

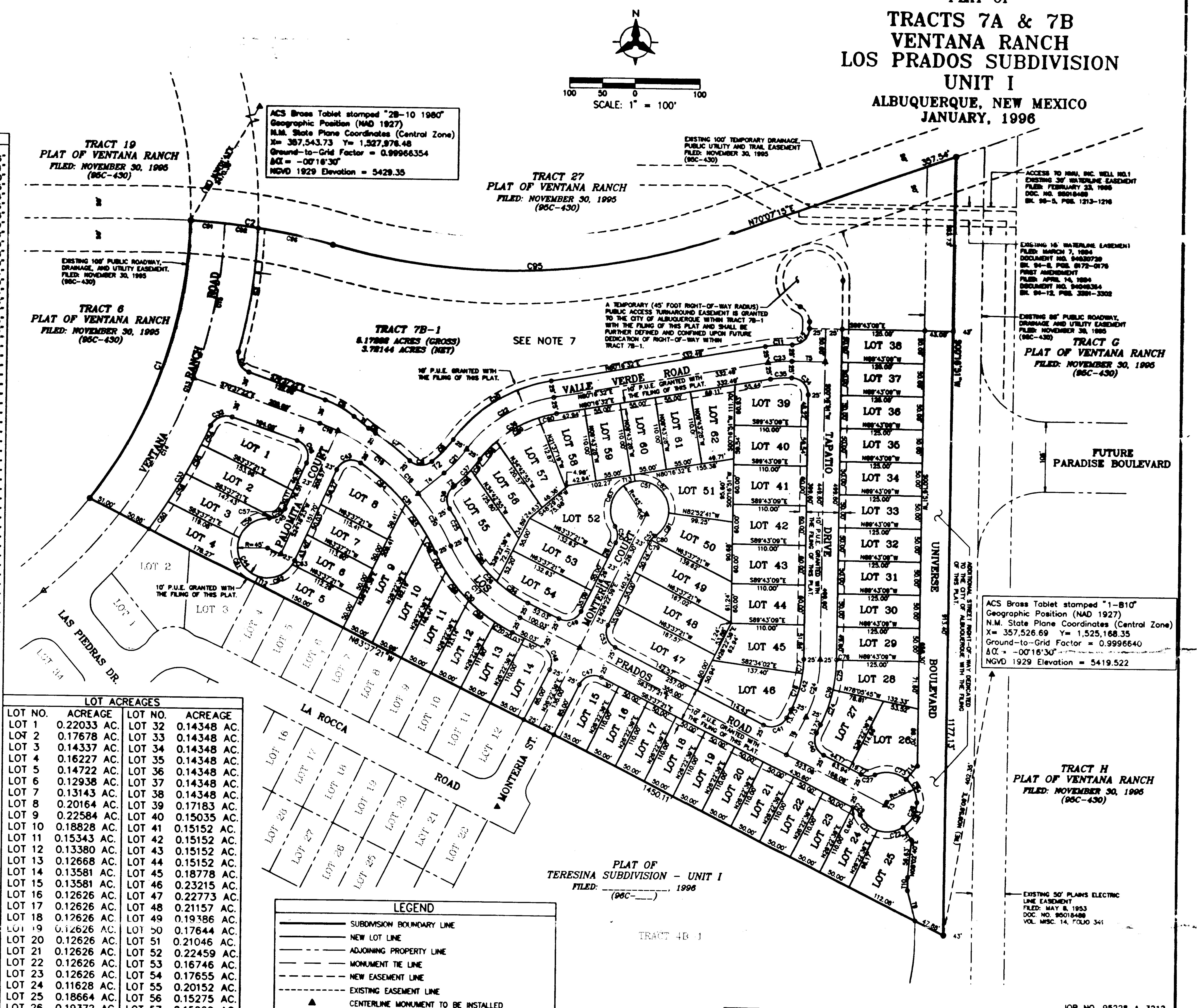
BHI JOB NO. 95228A2440

DATE: MARCH, 1996

TANGENT	BEARING	DISTANCE
T1	S82°04'27"E	28.36'
T2	N46°56'01"E	3.14'
T3	N28°22'38"E	5.63'
T4	N46°55'01"E	50.00'
T5	S89°43'09"E	50.00'
T6	S28°22'38"W	63.73'
T7	N88°41'37"W	22.00'
T8	N63°37'21"W	12.00'
T9	N14°27'24"W	47.17'
T10	N00°16'51"E	20.00'
T11	N33°23'45"W	22.99'
T12	S28°22'38"W	10.55'
T13	N08°43'28"W	10.00'
T14	N38°22'11"E	26.37'

CURVE DATA

CURVE	RADIUS	ARC	TANGENT	CHORD	CHORD BEARING	DELTA
C1	700.00'	455.86'	236.34'	447.85'	N19°30'53"E	37°18'46"
C2	1000.00'	216.72'	108.78'	216.29'	S80°48'40"E	12°25'01"
C3	800.00'	190.63'	95.77'	190.18'	S06°18'38"W	13°39'10"
C4	25.00'	37.42'	23.22'	34.02'	S27°44'34"E	85°45'35"
C5	159.00'	51.47'	25.96'	51.25'	S61°20'54"E	18°32'54"
C6	141.00'	13.20'	6.60'	13.19'	S54°45'20"E	05°21'46"
C7	375.00'	66.58'	33.36'	66.50'	S52°21'02"E	10°10'23"
C8	25.00'	36.14'	22.06'	33.07'	S88°40'24"E	82°49'09"
C9	175.00'	43.29'	21.76'	43.18'	N42°49'47"E	14°10'28"
C10	225.00'	174.88'	92.13'	170.51'	N58°00'32"E	44°32'00"
C11	225.00'	39.29'	19.70'	39.24'	N85°16'41"E	10°00'18"
C12	25.00'	39.27'	25.00'	35.36'	N45°16'51"E	90°00'00"
C13	750.00'	474.80'	245.71'	467.00'	N19°14'06"E	36°16'44"
C14	750.00'	235.56'	118.77'	234.62'	N28°22'33"E	17°59'50"
C15	750.00'	239.31'	120.68'	238.29'	N10°14'11"E	18°16'54"
C16	350.00'	279.37'	147.60'	272.01'	N47°45'23"W	45°43'58"
C17	225.00'	152.10'	79.09'	149.22'	S44°15'22"E	38°43'57"
C18	350.00'	30.11'	15.06'	30.10'	S68°09'29"E	04°55'45"
C19	350.00'	156.45'	79.56'	155.15'	S52°53'18"E	25°36'38"
C20	350.00'	92.81'	46.68'	92.54'	S32°29'11"E	15°11'36"
C21	200.00'	49.48'	24.87'	49.35'	N42°49'47"E	14°10'28"
C22	200.00'	155.45'	81.89'	151.57'	N58°00'32"E	44°32'00"
C23	200.00'	34.92'	17.51'	34.88'	N85°16'41"E	10°00'18"
C24	200.00'	91.10'	46.35'	90.31'	S13°19'45"W	26°05'49"
C25	375.00'	52.44'	26.26'	52.40'	S28°53'46"E	08°00'45"
C26	200.00'	135.20'	70.30'	132.64'	S44°15'22"E	38°43'57"
C27	25.00'	22.11'	11.84'	21.40'	S88°57'26"E	50°40'10"
C28	45.00'	210.51'		64.72'	S19°43'32"W	268°02'06"
C29	25.00'	16.30'	8.45'	16.02'	N44°56'23"W	37°21'56"
C30	250.00'	169.00'	87.87'	165.80'	S44°15'22"E	38°43'57"
C31	325.00'	179.23'	91.96'	176.96'	N40°41'18"W	31°35'49"
C32	25.00'	37.42'	23.22'	34.02'	S66°29'51"W	85°45'35"
C33	800.00'	182.38'	91.59'	181.98'	S30°08'55"W	13°03'43"
C34	25.00'	39.27'	25.00'	35.36'	N44°43'10"W	90°00'00"
C35	175.00'	30.56'	15.32'	30.52'	S85°16'41"W	10°00'18"
C36	175.00'	136.02'	71.65'	132.62'	S58°00'32"W	44°32'00"
C37	225.00'	55.66'	27.97'	55.52'	S42°49'47"W	14°10'28"
C38	25.00'	36.14'	22.05'	33.07'	S08°30'26"W	82°49'09"
C39	225.00'	102.48'	52.15'	101.60'	S13°19'45"W	26°05'49"
C40	25.00'	39.27'	25.00'	35.36'	S18°37'21"E	90°00'00"
C41	25.00'	39.27'	25.00'	35.36'	N71°22'39"E	90°00'00"
C42	175.00'	79.71'	40.56'	79.02'	N13°19'45"E	26°05'49"
C43	25.00'	43.29'	29.38'	38.08'	S73°54'36"W	99°12'25"
C44	45.00'	194.93'		74.53'	N31°35'44"W	248°11'47"
C45	25.00'	29.76'	16.93'	28.03'	N58°24'16"E	68°11'47"
C46	25.00'	41.42'	27.25'	36.84'	N23°09'29"W	94°55'45"
C47	25.00'	39.27'	25.00'	35.36'	S71°22'39"W	90°00'00"
C48	25.00'	39.27'	25.00'	35.36'	N18°37'21"W	90°00'00"
C49	25.00'	39.27'	25.00'	35.36'	N71°22'39"E	90°00'00"
C50	25.00'	25.77'	14.16'	24.64'	N03°08'51"W	59°03'01"
C51	45.00'	212.10'		63.61'	S77°38'46"E	270°03'11"
C52	25.00'	13.53'	6.93'	13.36'	S41°52'44"W	31°00'10"
C53	25.00'	39.27'	25.00'	35.36'	S18°37'21"E	90°00'00"
C54	800.00'	31.60'	15.80'	31.60'	N24°44'58"E	02°15'49"
C55	800.00'	50.02'	25.02'	50.01'	N27°40'20"E	03°34'57"
C56	25.00'	22.50'	12.08'	21.75'	S50°05'31"W	51°34'15"
C57	25.00'	7.25'	3.65'	7.23'	S84°11'24"W	16°37'31"
C58	800.00'	50.19'	25.10'	50.18'	N31°15'39"E	03°35'41"
C59	45.00'	56.94'	33.00'	53.22'	S56°15'02"W	72°30'16"
C60	800.00'	50.56'	25.29'	50.55'	N34°52'08"E	03°37'17"
C61	45.00'	72.71'	47.07'	65.05'	S26°17'19"E	92°34'26"
C62	45.00'	58.64'	34.32'	54.58'	N70°05'26"E	74°40'03"
C63	45.00'	6.64'	3.32'	6.63'	N28°31'54"E	08°27'01"
C64	325.00'	93.05'	46.84'	92.73'	S48°17'06"E	16°24'13"
C65	325.00'	57.00'	28.57'	56.93'	S35°03'31"E	10°02'57"
C66	325.00'	29.18'	14.60'	29.17'	S27°27'43"E	05°08'39"
C67	250.00'	32.32'	16.18'	32.30'	S28°35'38"E	07°24'28"
C68	250.00'	55.28'	27.75'	55.16'	S38°37'55"E	12°40'07"
C69	250.00'	51.36'	25.77'	51.27'	S50°51'06"E	11°46'14"
C70	250.00'	30.04'	15.04'	30.03'	S60°10'47"E	06°53'08"
C71	45.00'	36.29'	19.20'	35.32'	S49°21'42"E	46°12'34"
C72	45.00'	40.00'	21.43'	38.70'	N82°04'08"E	50°55'46"
C73	45.00'	50.00'	27.93'	47.47'	N82°27'40"W	63°39'42"
C74	225.00'	56.84'	28.57'	56.69'	N19°08'27"E	14°28'24"
C75	225.00'	45.25'	22.70'	45.17'	N06°08'35"E	11°31'22"
C76	225.00'	0.40'	0.20'	0.40'	N00°19'52"E	00°06'03"
C77	175.00'	21.84'	10.94'	21.83'	S03°51'24"W	07°09'07"
C78	175.00'	57.86'	29.20'	57.60'	S16°54'19"W	18°56'42"
C79	25.00'	4.79'	2.40'	4.78'	N31°51'54"E	10°58'30"
C80	25.00'	8.74'	4.41'	8.69'	N47°21'59"E	20°01'40"
C81	45.00'	42.23'	22.81'	40.70'	N30°29'51"E	53°45'56"
C82	45.00'	81.16'	56.02'	70.60'	N48°03'17"W	103°20'21"
C83	45.00'	88.71'	67.92'	75.03'	S23°48'05"W	112°56'54"
C84	200.00'	56.34'	28.36'	56.16'	N55°33'06"W	16°08'29"
C85	200.00'	78.86'	39.95'	78.35'	N36°11'08"W	22°35'28"
C86	225.00'	34.77'	17.42'	34.73'	N45°29'24"E	08°51'13"
C87	225.00'	20.89'	10.45'	20.89'	N38°24'10"E	05°19'15"
C88	175.00'	36.09'	18.11'	36.03'	N41°39'03"E	11°49'00"
C89	175.00'	72.31'	36.68'	71.79'	N59°23'45"E	23°40'25"
C90	175.00'	27.62'	13.84'	27.59'	N75°45'15"E	09°02'34"
C91	1000.00'	50.10'	25.05'	50.09'	S85°35'04"E	02°52'13"
C92	1000.00'	50.28'	25.15'	50.28'	S82°42'32"E	02°52'51"
C93	45.00'	44.24'	24.09'	42.48'	N28°26'33"E	56°19'24"
C94	45.00'	39.99'	21.42'	38.68'	N25°10'29"W	50°54'40"
C95	1000.00'	615.69'	317.95'	606.01'	N87°45'33"E	35°16'35"
C96	1000.00'	116.34'	58.24'	116.27'	S77°56'08"E	06°39'57"


100
50
0
100
SCALE: 1" = 100'
ACS Brass Tablet stamped "2B-10 1980"
Geographic Position (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X= 387,543.73 Y= 1,527,978.48
Ground-to-Grid Factor = 0.99966354
ΔQ = -00°16'30"
NGVD 1929 Elevation = 5429.35
TRACT 19
PLAT OF VENTANA RANCH
FILED: NOVEMBER 30, 1995
(95C-430)
TRACT 27
PLAT OF VENTANA RANCH
FILED: NOVEMBER 30, 1995
(95C-430)
TRACT 6
PLAT OF VENTANA RANCH
FILED: NOVEMBER 30, 1995
(95C-430)
TRACT 7B-1
6.17888 ACRES (GROSS)
3.78144 ACRES (NET)
SEE NOTE 7
TRACT G
PLAT OF VENTANA RANCH
FILED: NOVEMBER 30, 1995
(95C-430)
TRACT H
PLAT OF VENTANA RANCH
FILED: NOVEMBER 30, 1995
(95C-430)
FUTURE
PARADISE BOULEVARD
VENTANA RANCH ROAD
VALLE VERDE ROAD
PALOMITA COURT
MONTERIA COURT
PRADOS ROAD
TAPATIO DRIVE
UNIVERSE BOULEVARD
LA ROCCA ROAD
MONTERIA ST.
LAS PIEDRAS DR.
N70°07'15"E
357.54'
1450.11'
1177.13'
10' P.U.E. GRANTED WITH THE FILING OF THIS PLAT.
EXISTING 100' PUBLIC ROADWAY, DRAINAGE, AND UTILITY EASEMENT. FILED: NOVEMBER 30, 1995 (95C-430)
A TEMPORARY (45' FOOT RIGHT-OF-WAY RADIUS) PUBLIC ACCESS TURNAROUND EASEMENT IS GRANTED TO THE CITY OF ALBUQUERQUE WITHIN TRACT 7B-1 WITH THE FILING OF THIS PLAT AND SHALL BE FURTHER DEFINED AND CONFINED UPON FUTURE DEDICATION OF RIGHT-OF-WAY WITHIN TRACT 7B-1.
EXISTING 100' TEMPORARY DRAINAGE, PUBLIC UTILITY AND TRAIL EASEMENT FILED: NOVEMBER 30, 1995 (95C-430)
ACS Brass Tablet stamped "1-B10"
Geographic Position (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X= 357,526.69 Y= 1,525,168.35
Ground-to-Grid Factor = 0.9996640
ΔQ = -00°16'30"
NGVD 1929 Elevation = 5419.522
EXISTING 50' PLAINS ELECTRIC LINE EASEMENT
PLAT OF
TERESINA SUBDIVISION - UNIT I
FILED: ____________, 1996
(96C-___)
TRACT 4B-1
LOT 1
LOT 2
LOT 3
LOT 4
LOT 5
LOT 6
LOT 7
LOT 8
LOT 9
LOT 10
LOT 11
LOT 12
LOT 13
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LOT 54
LOT 55
LOT 56
LOT 57
LOT 58
LOT 59
LOT 60
LOT 61
LOT 62

LOT ACREAGES

LOT NO.	ACREAGE	LOT NO.	ACREAGE
LOT 1	0.22033 AC.	LOT 32	0.14348 AC.
LOT 2	0.17678 AC.	LOT 33	0.14348 AC.
LOT 3	0.14337 AC.	LOT 34	0.14348 AC.
LOT 4	0.16227 AC.	LOT 35	0.14348 AC.
LOT 5	0.14722 AC.	LOT 36	0.14348 AC.
LOT 6	0.12938 AC.	LOT 37	0.14348 AC.
LOT 7	0.13143 AC.	LOT 38	0.14348 AC.
LOT 8	0.20164 AC.	LOT 39	0.17183 AC.
LOT 9	0.22584 AC.	LOT 40	0.15035 AC.
LOT 10	0.18828 AC.	LOT 41	0.15152 AC.
LOT 11	0.15343 AC.	LOT 42	0.15152 AC.
LOT 12	0.13380 AC.	LOT 43	0.15152 AC.
LOT 13	0.12668 AC.	LOT 44	0.15152 AC.
LOT 14	0.13581 AC.	LOT 45	0.18778 AC.
LOT 15	0.13581 AC.	LOT 46	0.23215 AC.
LOT 16	0.12626 AC.	LOT 47	0.22773 AC.
LOT 17	0.12626 AC.	LOT 48	0.21157 AC.
LOT 18	0.12626 AC.	LOT 49	0.19386 AC.
LOT 19	0.12626 AC.	LOT 50	0.17644 AC.
LOT 20	0.12626 AC.	LOT 51	0.21046 AC.
LOT 21	0.12626 AC.	LOT 52	0.22459 AC.
LOT 22	0.12626 AC.	LOT 53	0.16746 AC.
LOT 23	0.12626 AC.	LOT 54	0.17655 AC.
LOT 24	0.11628 AC.	LOT 55	0.20152 AC.
LOT 25	0.18664 AC.	LOT 56	0.15275 AC.
LOT 26	0.19372 AC.	LOT 57	0.15969 AC.
LOT 27	0.16802 AC.	LOT 58	0.14946 AC.
LOT 28	0.17021 AC.	LOT 59	0.13889 AC.
LOT 29	0.14348 AC.	LOT 60	0.13889 AC.
LOT 30	0.14348 AC.	LOT 61	0.13889 AC.
LOT 31	0.14348 AC.	LOT 62	0.15003 AC.

LEGEND

━━━━	SUBDIVISION BOUNDARY LINE
────	NEW LOT LINE
── - - ──	ADJOINING PROPERTY LINE
── ── ──	MONUMENT TIE LINE
– – – – –	NEW EASEMENT LINE
- - - - - - -	EXISTING EASEMENT LINE
▲	CENTERLINE MONUMENT TO BE INSTALLED
◉	FOUND CAPPED REBAR STAMPED "WEAVER LS 6544"
▲	CITY OF ALBUQUERQUE SURVEY CONTROL MONUMENT
●	SET 5/8" CAPPED REBAR STAMPED "WEAVER LS 6544"

PLAT OF

TRACTS 7A & 7B VENTANA RANCH LOS PRADOS SUBDIVISION UNIT I

ALBUQUERQUE, NEW MEXICO
JANUARY, 1996

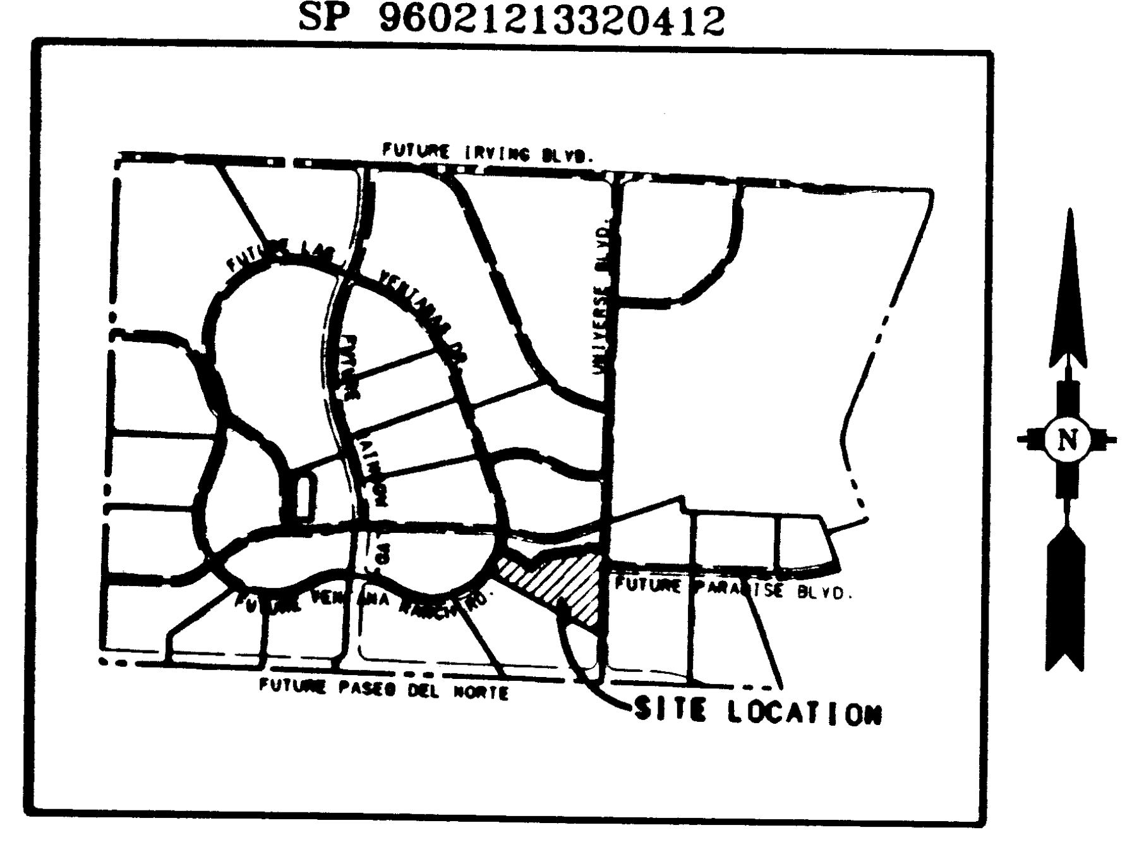
JOB NO. 95228-A-3212

SHEET 2 OF 2

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

C:\ADCADD\CIVIL\P\S95228A\SHEET2.DWG 2/29/1996

SP 96021213320412


FUTURE IRVING BLVD.
UNIVERSE BLVD.
FUTURE PARADISE BLVD.
FUTURE PASEO DEL NORTE
SITE LOCATION
N

LOCATION MAP

ZONE ATLAS INDEX MAP No. B-9-Z
NOT TO SCALE

PLAT OF

TRACTS 7A & 7B VENTANA RANCH LOS PRADOS SUBDIVISION UNIT 1

ALBUQUERQUE, NEW MEXICO
JANUARY, 1996

DESCRIPTION

A certain tract of land situate within the Town of Alameda Grant, within projected Section 9, Township 11 North, Range 2 East, New Mexico Principal Meridian, Bernalillo County, Albuquerque, New Mexico, said tract being and comprising all of Tracts 7A and 7B of PLAT OF TRACTS 4A, 4B, 7A, & 7B PLAT OF VENTANA RANCH, Albuquerque, New Mexico, as the same are shown and designated on the Plat thereof, filed in the office of the County Clerk of Bernalillo County, New Mexico on January 31, 1996 as Document No. 96011506 in Volume 96C, Folio 52 and being more particularly described by New Mexico State Plane Grid Bearings (Central Zone) and ground distances as follows:

BEGINNING at the southeast corner of said Tract 7A, a point on the projected Section Line common to Sections 9 and 10, Township 11 North, Range 2 East, New Mexico Principal Meridian, whence the Albuquerque City Survey (ACS) monument "1-B10", a brass tablet set in top of a concrete post, having New Mexico State Plane Coordinates, Central Zone (NAD 1927) X=357,526.69 and Y=1,525,168.35 bears N09°58'09"E, a distance of 402.35 feet and from said point of beginning leaving said projected Section Line and running thence along the southerly boundary line of said Tract 7A,
N63°37'21"W, a distance of 1450.11 feet to the southwest corner of said Tract 7A, a point on a curve (non-tangent), thence running along the westerly boundary line of said Tract 7A,
455.86 feet along the arc of a curve to the left having a radius of 700.00 feet and a chord which bears N19°30'53"E, a distance of 447.85 feet to a point compound curvature being the northwest corner of said Tract 7A, thence running along the northerly boundary line of said Tracts 7A and 7B,
216.72 feet along the arc of a curve to the right having a radius of 1000.00 feet and a chord which bears S80°48'40"E, a distance of 216.29 feet to a point of reverse curvature; thence,
615.69 feet along the arc of a curve to the left having a radius of 1000.00 feet and a chord which bears N87°45'33"E, a distance of 606.01 feet to a point of tangency; thence,
N70°07'15"E, a distance of 357.54 feet to the northeast corner of said Tract 7B, thence running along the easterly boundary line of said Tracts 7B and 7A,
S00°16'51"W, a distance of 1177.13 feet to the point and place of beginning.

Tract contains 20.84820 acres, more or less.

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

____
PARKS AND GENERAL SERVICES DEPARTMENT DATE

____
PNM ELECTRIC SERVICES DATE

____
U.S. WEST COMMUNICATIONS DATE

____
PNM GAS SERVICES DATE

____
NEW MEXICO UTILITIES, INC. DATE

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

PROPERTY OWNER OF RECORD: LAS VENTANAS LIMITED PARTNERSHIP

____
BERNALILLO COUNTY TREASURER'S OFFICE DATE

SUBDIVISION DATA

1. DRB No.
2. Zone Atlas Index No. B-9-Z.
3. Gross Subdivision Acreage: 20.84820 Acres.
4. Total Number of Lots and Tracts created: 62 Lots and 1 Tract.
5. Total Mileage of full width Streets created: 0.6803 miles
6. Total Mileage of partial width Streets created: 0.1730 miles.
7. Date of Survey: ____________________
8. Plat is located within the Town of Alameda Grant, within projected Section 9, T11N, R2E, NMPM.

DISCLOSURE STATEMENT

The purpose of this Plat is to Subdivide Tracts 7A and 7B of the PLAT OF TRACTS 4A, 4B, 7A, & 7B PLAT OF VENTANA RANCH, Albuquerque, New Mexico, as the same is shown and designated on the plat thereof, filed in the office of the County Clerk of Bernalillo County, New Mexico on January 31, 1996 as Document No. 96111506 in Volume 96C, Folio 52 into Sixty-Two (62) Lots and One(1) Tract to dedicate public street right-of-way to the City of Albuquerque, 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 overhead and underground electrical lines, transformers, 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 and aerial 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.

E. New Mexico Utilities, Inc. for the installation, maintenance and service of underground water and sanitary sewer lines across the easement (But not parallel within) necessary to provide 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.

NOTES

1. Basis of Bearings: New Mexico State Plane Grid Bearings (Central Zone) also being the same as Bearings shown on PLAT OF TRACTS 4A, 4B, 7A, & 7B, PLAT OF VENTANA RANCH, Filed: January 31, 1996 in Book 96C, Folio 52.
2. Distances are Ground Distances.
3. All easements of record are shown.
4. These properties are within the New Mexico Utilities, Inc. (NMU, Inc.) franchise area. Water and Sanitary Sewer Systems capability are based on NMU, Inc. facilities, not the City of Albuquerque.
5. Temporary Drainage and Trail Easements are subject to adjustment in size, dimension and location as plans and designs become more firm. Deletion of any temporary easement shall require the approval of the City of Albuquerque by way of vacation action. Any portion of these easements not required by the drainage implacements shall revert to the owner(s) and/or its successors or assigns.
6. Temporary blanket drainage easements including temporary drainage easement for proposed channels shown herein dedicated to AMAFCA are with subservient trail easements to the City of Albuquerque and utility easements to the respective utility companies subject to licensed approval from AMAFCA. Temporary easements are in accordance with the Las Ventanas Subdivision Drainage Master Plan, April, 1995 and the Las Ventanas Interim Drainage Facilities Plan, July, 1995 and the AMAFCA and Sandia Properties Agreement dated July 27, 1995. These temporary drainage easements are subject to adjuement in size, dimension and location as plans and designs become more firm. Any portion of these easements not required by the drainage improvements or above cited subservient users shall revert to Las Ventanas Partnership, its successors or assigns upon acceptance by AMAFCA of the physical improvements. Reversion by AMAFCA shall be by Quit Claim Deed.
7. A park site of a minimum of Two (2) acres within Tract 7B-1 is reserved for potential park sites subject to approval by the City of Albuquerque. Dedication shall be by seperate Deed and Subdivision Plat. A temporary Blanket Parkland Easement for a Park Site granted to the City of Albuquerque per Agreement Date: 10-23-95 for Tract 7B filed November November 6, 1995. Document No. 95114157. To be redefined with subsequent platting actions.
8. There is no direct motorized vehicular access to Lots from Universe Boulevard and Ventana Ranch Road.
9. 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 shall consist of a standard four-inch (4") aluminum alloy cap stamped "City of Albuquerque", "Centerline Monumentation", "Survey Marker", "Do Not Disturb", "PLS# 6544"

FREE CONSENT AND DEDICATION

The foregoing Plat of that certain tract of land situate within the Town of Alemeda Grant, within Projected Section 9, Township 11 North, Range 2 East, New Mexico Principal Meridian, Bernalillo County, Albuquerque, New Mexico, being and comprising all of Tracts 7A and 7B of the PLAT OF TRACTS 4A, 4B, 7A, & 7B PLAT OF VENTANA RANCH, Albuquerque, New Mexico, as the same are shown and designated on the plat thereof, filed in the office of the County Clerk of Bernalillo County, New Mexico on January 31, 1996 as Document No. 96011506 in Volume 96C, Folio 52, now comprising Lots 1 thru 62 and Tract 7B-1 of PLAT OF TRACTS 7A & 7B VENTANA RANCH LOS PRADOS SUBDIVISION UNIT 1 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 commem and joint use of Gas, Electrical Power and Communication Services for buried distribution lines, conduits, pipes for underground Utilities where shown or indicated, and including the right of ingress and egress for construction and maintenance, and the right to trim interfering trees and shrubs. Said owner(s) and/or proprietor(s) do hereby consent to all of the foregoing and do hereby certify that this subdivision is with their free act and deed.

LAS VENTANAS LIMITED PARTNERSHIP
A NEW MEXICO LIMITED PARTNERSHIP

BY: ______________________________
Robert M. Murphy, President
Sandia Properties Ltd., Co.
Managing Partner

State of New Mexico)
SS
County of Bernalillo)

This instrument was acknowledged before me on ____ day of __________ 1996, by Robert M. Murphy, President of Sandia Properties Ltd., Co., a New Mexico limited liability company, Managing Partner of Las Ventanas Limited Partnership, A New Mexico Limited Partnership

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.

Bohannon-Huston Inc.
Courtyard I
7500 Jefferson Street, N.E.
Albuquerque, New Mexico 87109

A. Dwain Weaver
A. Dwain Weaver
New Mexico Professional Surveyor 6544
Date: March 26, 1996

6544

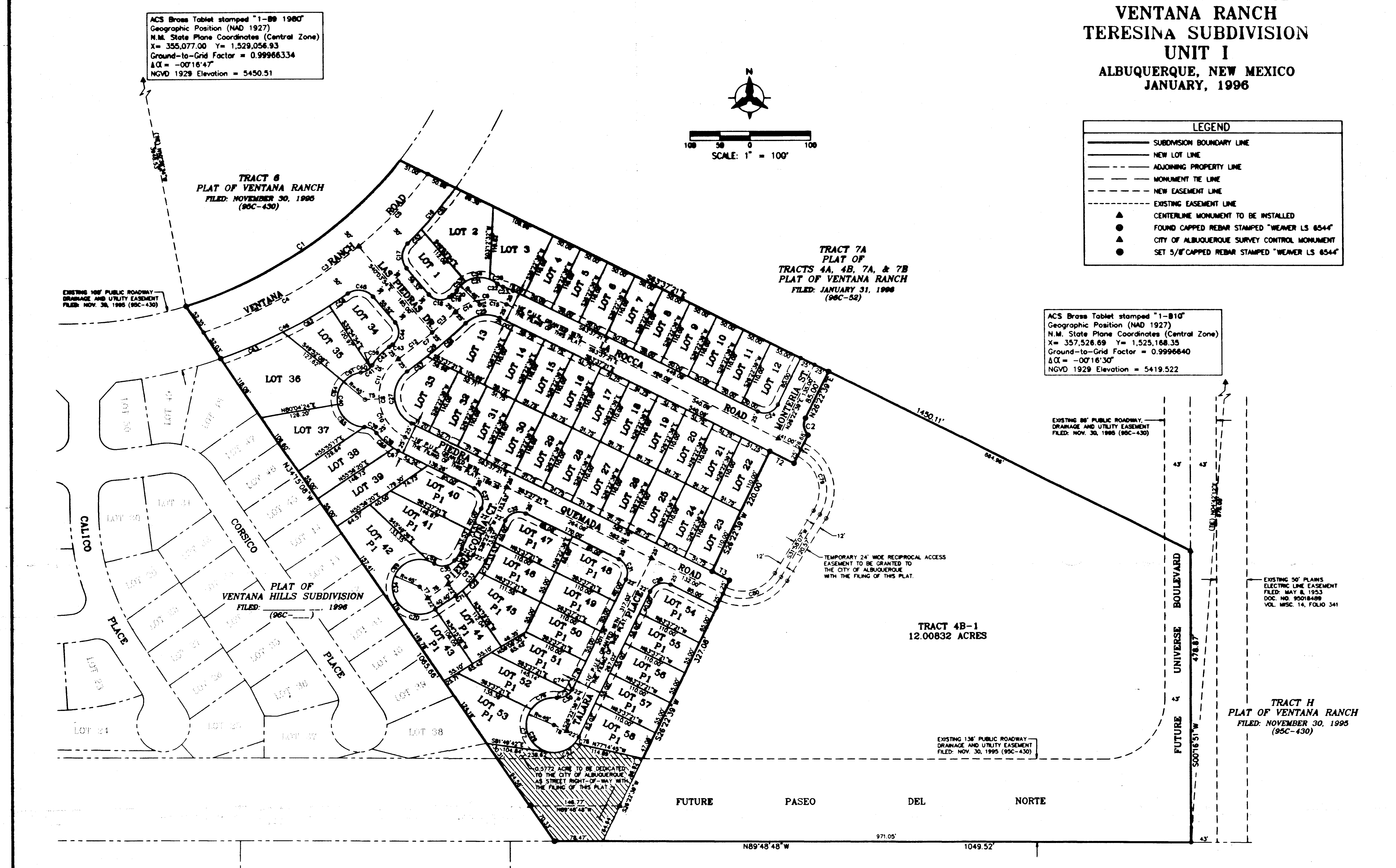
JOB NO. 95228-A-3212

SHEET 1 OF 2

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

26-5316.9/1 2A97

PLAT OF
TRACTS 4A AND 4B
VENTANA RANCH
TERESINA SUBDIVISION
UNIT I
ALBUQUERQUE, NEW MEXICO
JANUARY, 1996


ACS Brass Tablet stamped "1-B9 1980"
Geographic Position (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X= 355,077.00 Y= 1,529,056.93
Ground-to-Grid Factor = 0.99966334
Δα = -00°16'47"
NGVD 1929 Elevation = 5450.51
N
100 50 0 100
SCALE: 1" = 100'
LEGEND
SUBDIVISION BOUNDARY LINE
NEW LOT LINE
ADJOINING PROPERTY LINE
MONUMENT TIE LINE
NEW EASEMENT LINE
EXISTING EASEMENT LINE
▲ CENTERLINE MONUMENT TO BE INSTALLED
● FOUND CAPPED REBAR STAMPED "WEAVER LS 6544"
△ CITY OF ALBUQUERQUE SURVEY CONTROL MONUMENT
● SET 5/8" CAPPED REBAR STAMPED "WEAVER LS 6544"
TRACT 6
PLAT OF VENTANA RANCH
FILED: NOVEMBER 30, 1995
(95C-430)
EXISTING 100' PUBLIC ROADWAY DRAINAGE AND UTILITY EASEMENT FILED: NOV. 30, 1995 (95C-430)
VENTANA RANCH ROAD
LAS PIEDRAS DR.
LA ROCCA ROAD
MONTEREA ST.
QUEMADA ROAD
TALAIA
LOT 1
LOT 2
LOT 3
LOT 13
LOT 33
LOT 34
LOT 35
LOT 36
LOT 37
LOT 38
LOT 39
LOT 22
LOT 23
LOT P1 40
LOT P1 41
LOT P1 42
LOT P1 43
LOT P1 47
LOT P1 48
LOT P1 53
LOT P1 54
LOT P1 58
N80°04'24"E 126.20'
S49°32'08"E 127.62'
TRACT 7A
PLAT OF
TRACTS 4A, 4B, 7A, & 7B
PLAT OF VENTANA RANCH
FILED: JANUARY 31, 1996
(96C-52)
ACS Brass Tablet stamped "1-B10"
Geographic Position (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X= 357,526.69 Y= 1,525,168.35
Ground-to-Grid Factor = 0.9996640
Δα = -00°16'30"
NGVD 1929 Elevation = 5419.522
1450.11'
EXISTING 86' PUBLIC ROADWAY, DRAINAGE AND UTILITY EASEMENT FILED: NOV. 30, 1995 (95C-430)
TEMPORARY 24' WIDE RECIPROCAL ACCESS EASEMENT TO BE GRANTED TO THE CITY OF ALBUQUERQUE WITH THE FILING OF THIS PLAT.
12'
S31°58'07"W 120.57'
TRACT 4B-1
12.00832 ACRES
FUTURE UNIVERSE BOULEVARD
S00°16'51"W 478.87
N04°42'12"E 878.09'
43'
EXISTING 50' PLAINS ELECTRIC LINE EASEMENT FILED: MAY 8, 1953 DOC. NO. 95018489 VOL. MISC. 14, FOLIO 341
TRACT H
PLAT OF VENTANA RANCH
FILED: NOVEMBER 30, 1995
(95C-430)
EXISTING 136' PUBLIC ROADWAY DRAINAGE AND UTILITY EASEMENT FILED: NOV. 30, 1995 (95C-430)
0.5772 ACRE TO BE DEDICATED TO THE CITY OF ALBUQUERQUE AS STREET RIGHT-OF-WAY WITH THE FILING OF THIS PLAT
FUTURE PASEO DEL NORTE
N89°48'48"W
971.05'
1049.52'
PLAT OF VENTANA HILLS SUBDIVISION
FILED: 1996
(96C-___)
CALICO PLACE
CORSICO PLACE

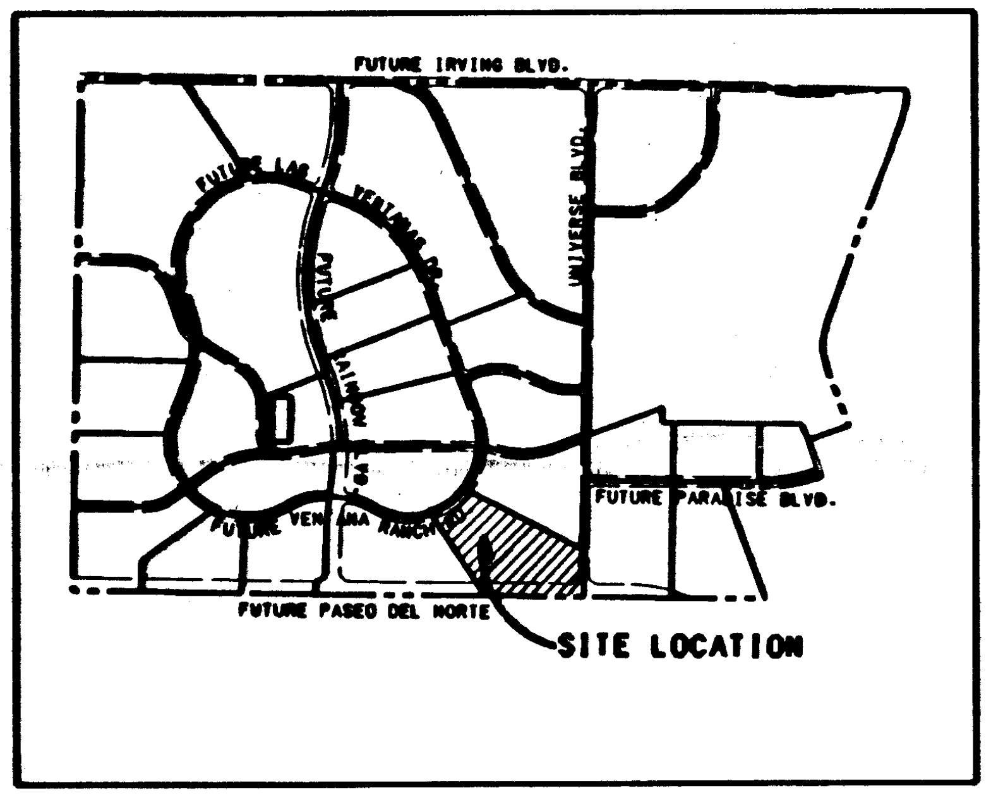
JOB NO. 95228-A-3212

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

SHEET 2 OF 3

C:\ADCADD\CIVIL\P\S95228\SHEET2.DWG 3/4/1996

SP 96021213310409


FUTURE IRVING BLVD.
FUTURE LAS VENTANAS DR.
FUTURE VALLE VISTA
UNIVERSE BLVD.
FUTURE PARADISE BLVD.
FUTURE VENTANA RANCH RD.
FUTURE PASEO DEL NORTE
SITE LOCATION
N

LOCATION MAP
ZONE ATLAS INDEX MAP No. B-9-Z
NOT TO SCALE

SUBDIVISION DATA

1. DRB No.
2. Zone Atlas Index No. B-9-Z.
3. Gross Subdivision Acreage: 25.62881 Acres.
4. Total Number of Lots and Tracts created: 58 Lots and 1 Tract.
5. Total Mileage of full width Streets created: 0.5486 mile
6. Total Mileage of partial width Streets created: 0 mile.
7. Date of Survey: ____________________
8. Plat is located within the Town of Alameda Grant, within projected Section 9, T11N, R2E, NMPM.

DISCLOSURE STATEMENT

The purpose of this Plat is to Subdivide Tracts 4A and 4B of the PLAT OF TRACTS 4A, 4B, 7A, & 7B PLAT OF VENTANA RANCH, Albuquerque, New Mexico, as the same is shown and designated on the plat thereof, filed in the office of the County Clerk of Bernalillo County, New Mexico on January 31, 1996 as Document No. 96111506 in Volume 96C, Folio 52 into Fifty-Eight (58) Lots, and One (1) Tract to dedicate public street right-of-way to the City of Albuquerque, and to grant easements.

NOTES

1. Basis of Bearings: New Mexico State Plane Grid Bearings (Central Zone) also being the same as Bearings shown on PLAT OF TRACTS 4A, 4B, 7A, & 7B, PLAT OF VENTANA RANCH, Filed: January 31, 1996 in Book 96C, Folio 52.
2. Distances are Ground Distances.
3. All easements of record are shown.
4. These properties are within the New Mexico Utilities. Inc. (NMU, Inc.) franchise area. Water and Sanitary Sewer Systems capability are based on NMU, INC. facilities, not the City of Albuquerque.
5. Temporary Drainage and Trail Easements are subject to adjustment in size, dimension and location as plans and designs become more firm. Deletion of any temporary easement shall require the approval of the City of Albuquerque by way of vacation action. Any portion of these easements not required by the drainage implacements shall revert to the owner(s) and/or its successors or assigns.
6. Temporary blanket drainage easements including temporary drainage easement for proposed channels shown herein dedicated to AMAFCA are with subservient trail easements to the City of Albuquerque and utility easements to the respective utility companies subject to licensed approval from AMAFCA. Temporary easements are in accordance with the Las Ventanas Subdivision Drainage Master Plan, April, 1995 and the Las Ventanas Interim Drainage Facilities Plan, July, 1995 and the AMAFCA and Sandia Properties Agreement dated July 27, 1995. These temporary drainage easements are subject to adjustment in size, dimension and location as plans and designs become more firm. Any portion of these easements not required by the drainage by the drainage improvements or above cited subservient users shall revert to Las Ventanas Partnership, its successors or assigns upon acceptance by AMAFCA of the by AMAFCA of the physical improvements. Reversion by AMAFCA shall be by Quit Claim Deed.
7. A temporary blanket reciprocal access easement between Tracts 4A and 4B granted by plat filed January 31, 1996 as Document No. 96011506 in Volume 96C, Folio 52. To be redifined within Tract 4B-1 with subsequent platting action.
8. There is no direct motorized vehicular access to Lots from Ventana Ranch Road, and Paseo Del Norte.
9. Lots 40 thru 58 inclusive are to be P1 and shall conform to intermittent Parking Design Criteria. Item #1.
10. 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 shall consist of a standard four-inch (4") aluminum alloy cap stamped "City of Albuquerque", "Centerline Monumentation", "Survey Marker", "Do Not Disturb", "PLS# 6544"

26-53/6.9/2897

SCANNED BY LASON

SHEET 2B OF 33

DESCRIPTION

A certain tract of land situate wihin the Town of Alameda Grant, within projected Section 9, Township 11 North, Range 2 East, New Mexico Principal Meridian, Bernalillo County, Albuquerque, New Mexico, said tract being and comprising all of Tracts 4A and 4B of PLAT OF TRACTS 4A, 4B, 7A, & 7B PLAT OF VENTANA RANCH, Albuquerque, New Mexico, as the same are shown and designated on the Plat thereof, filed in the office of the County Clerk of Bernalillo County, New Mexico on January 31, 1996 as Document No. 96011506 in Volume 96C, Folio 52 and being more particularly described by New Mexico State Plane Grid Bearings (Central Zone) and ground distances as follows:

BEGINNING at the southeast corner of said Tract 4B, said corner being the Section Corner common to projected Sections 9, 10, 15, and 16, Township 11 North, Range 2 East, New Mexico Principal Meridian, whence the Albuquerque City Survey (ACS) monument "1-B10", a brass tablet set in top of a concrete post, having New Mexico State Plane Coordinates, Central Zone (NAD 1927) X=357,526.69 and Y=1,525,168.35 bears N04°42'12"E, a distance of 878.09 feet and from said point of beginning running thence along the southerly boundary line of said Tracts 4B and 4A and also along the Section Line common to projected Sections 9 and 16,
N89°48'48"W, a distance of 1049.52 feet to the southwest corner of said Tract 4A, thence leaving said projected Section Line and running thence along the westerly boundary line of said Tract 4A,
N34°15'08"W, a distance of 1065.66 feet to the northwest corner of said Tract 4A, a point on a curve (non-tangent), thence running along the northwesterly boundary line of said Tract 4A,
432.69 feet along the arc of a curve to the left having a radius of 700.00 feet and a chord which bears N55°52'44"E, a distance of 425.83 feet to the most northerly corner of said Tract 4A, thence running along the northeasterly boundary line of said Tracts 4A and 4B,
S63°37'21"E, a distance of 1450.11 feet to the northeast corner of said Tract 4B, a point on the Section Line common to projected Sections 9 and 10, Township 11 North, Range 2 East, New Mexico Principal Meridian, thence running along the easterly boundary line of said Tract 4B and also along said projected Section Line,
S00°16'51"W, a distance of 478.87 feet to the point and place of beginning.

Tract contains 25.62881 acres, more or less.

FREE CONSENT AND DEDICATION

The foregoing Plat of that certain tract of land situate within the Town of Alameda Grant, within Projected Section 9, Township 11 North, Range 2 East, New Mexico Principal Meridian, Bernalillo County, Albuquerque, New Mexico, being and comprising all of Tracts 4A and 4B of the PLAT OF TRACTS 4A, 4B, 7A, & 7B PLAT OF VENTANA RANCH, Albuquerque, New Mexico, as the same are shown and designated on the plat thereof, filed in the office of the County Clerk of Bernalillo County, New Mexico on January 31, 1996 as Document No. 96011506 in Volume 96C, Folio 52, now comprising Lots 1 thru 58 and Tract 4B-1 of PLAT OF TRACTS 4A AND 4B VENTANA RANCH TERESINA SUBDIVISION UNIT 1
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 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, and including the right of ingress and egress for construction and maintenance, and the right to trim interfering trees and shrubs. Said owner(s) and/or proprietor(s) do hereby consent to all of the foregoing and do hereby certify that this subdivision is with their free act and deed.

LAS VENTANAS LIMITED PARTNERSHIP
A NEW MEXICO LIMITED PARTNERSHIP

BY: ____
Robert M. Murphy, President
Sandia Properties Ltd., Co.
Managing Partner

State of New Mexico)
SS
County of Bernalillo)

This instrument was acknowledged before me on ______day of ____________ 1996, by Robert M. Murphy, President of Sandia Properties Ltd., Co., a New Mexico New Mexico limited liabilty company, Managing Partner of Las Ventanas Limited Partnership, A New Mexico Limited Partnership

My Commission Expires: ____________________ ____________________
Notary Public

PLAT OF
TRACTS 4A AND 4B
VENTANA RANCH
TERESINA SUBDIVISION
UNIT I
ALBUQUERQUE, NEW MEXICO
JANUARY, 1996

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

PARKS AND GENERAL SERVICES DEPARTMENT DATE

PNM ELECTRIC SERVICES DATE

U.S. WEST COMMUNICATIONS DATE

PNM GAS SERVICES DATE

NEW MEXICO UTILITIES, INC. DATE

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

PROPERTY OWNER OF RECORD LAS VENTANAS LIMITED PARTNERSHIP

BERNALILLO COUNTY TREASURER'S OFFICE DATE

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

A. Dwain Weaver
A. Dwain Weaver
New Mexico Professional Surveyor 6544
Date: March 4, 1996

A. DWAIN WEAVER 6544

JOB NO. 95228-A-3212

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

SHEET 1 OF 3

C:\ADCADD\CIVIL\P\S95228\SHEET1.DWG 3/4/1996

PLAT OF

TRACTS 4A AND 4B
VENTANA RANCH
TERESINA SUBDIVISION
UNIT I

ALBUQUERQUE, NEW MEXICO
JANUARY, 1996

CURVE DATA

CURVE	RADIUS	ARC	TANGENT	CHORD	CHORD BEARING	DELTA
C1	700.00'	432.69'	223.51'	425.83'	N55°52'44"E	35°24'57"
C2	25.00'	30.06'	17.15'	28.28'	S08°04'21"E	68°54'00"
C3	750.00'	457.98'	236.38'	450.90'	N54°52'05"E	34°59'14"
C4	750.00'	293.56'	148.68'	291.69'	N61°08'54"E	22°25'36"
C5	750.00'	164.42'	82.54'	164.09'	N43°39'17"E	12°33'38"
C6	75.00'	91.03'	52.07'	85.54'	N81°36'29"E	69°32'20"
C7	935.00'	121.87'	61.02'	121.79'	N50°34'22"E	07°28'06"
C8	75.00'	154.37'	124.65'	128.53'	S04°39'28"E	117°55'46"
C9	128.00'	65.61'	33.54'	64.90'	S41°03'45"W	29°22'12"
C10	75.00'	79.00'	43.61'	75.40'	S33°26'41"E	60°21'18"
C11	75.00'	75.36'	41.21'	72.23'	S25°31'12"W	57°34'28"
C12	935.00'	71.34'	35.69'	71.33'	S52°07'16"W	04°22'19"
C13	935.00'	50.53'	25.27'	50.52'	N48°23'13"E	03°05'47"
C14	75.00'	44.78'	23.08'	44.12'	N63°56'35"E	34°12'31"
C15	75.00'	46.25'	23.89'	45.52'	S81°17'15"E	35°19'48"
C16	800.00'	121.40'	60.82'	121.29'	S41°01'37"W	08°41'41"
C17	30.00'	44.74'	27.70'	40.70'	S02°39'17"W	85°26'21"
C18	25.00'	37.98'	23.74'	34.43'	S83°35'14"E	87°02'41"
C19	100.00'	5.44'	2.72'	5.44'	N54°26'55"E	03°07'02"
C20	25.00'	10.50'	5.33'	10.42'	N43°58'47"E	24°03'20"
C21	45.00'	77.12'	51.94'	68.02'	N81°02'51"E	98°11'28"
C22	25.00'	10.50'	5.33'	10.42'	S61°53'05"E	24°03'20"
C23	100.00'	17.96'	9.00'	17.94'	S68°46'03"E	10°17'25"
C24	25.00'	39.27'	25.00'	35.36'	N71°22'39"E	90°00'00"
C25	50.00'	60.68'	34.71'	57.03'	S81°36'29"W	69°32'20"
C26	960.00'	125.13'	62.66'	125.04'	S50°34'22"W	07°28'06"
C27	50.00'	102.91'	83.10'	85.69'	S04°39'28"E	117°55'46"
C28	25.00'	39.27'	25.00'	35.36'	S71°22'39"W	90°00'00"
C29	45.00'	196.31'		73.75'	N28°38'53"W	249°56'56"
C30	25.00'	30.52'	17.49'	28.66'	N61°21'08"E	69°56'56"
C31	25.00'	39.27'	25.00'	35.36'	N18°37'21"W	90°00'00"
C32	25.00'	39.27'	25.00'	35.36'	S71°22'39"W	90°00'00"
C33	150.00'	76.89'	39.31'	76.05'	S41°03'45"W	29°22'12"
C34	45.00'	193.81'		75.15'	N00°52'08"W	246°46'01"
C35	25.00'	36.63'	22.49'	33.44'	N80°32'32"E	83°56'41"
C36	106.00'	22.56'	11.32'	22.51'	N32°28'25"E	12°11'32"
C37	25.00'	39.27'	25.00'	35.36'	N18°37'21"W	90°00'00"
C38	100.00'	46.14'	23.49'	45.74'	N50°24'11"W	26°26'20"
C39	25.00'	22.35'	11.98'	21.61'	N62°47'29"W	51°12'56"
C40	45.00'	133.72'	528.34'	89.68'	N03°16'02"W	170°15'48"
C41	25.00'	22.35'	11.98'	21.61'	N56°15'24"E	51°12'56"
C42	100.00'	41.29'	20.94'	41.00'	N42°28'41"E	23°39'29"
C43	910.00'	6.66'	3.33'	6.66'	N54°05'50"E	00°25'11"
C44	25.00'	40.99'	26.79'	36.55'	N06°54'41"E	93°57'08"
C45	30.00'	44.74'	27.70'	40.70'	N82°47'04"W	85°26'21"
C46	800.00'	234.57'	118.13'	233.73'	S62°53'46"W	16°48'00"
C47	45.00'	44.12'	24.01'	42.37'	N70°05'04"E	56°10'27"
C48	NOT USED					
C49	NOT USED					
C50	NOT USED					
C51	800.00'	88.85'	44.47'	88.81'	N39°51'41"E	06°21'49"
C52	800.00'	32.55'	16.28'	32.55'	N44°12'31"E	02°19'52"
C53	45.00'	20.76'	10.57'	20.57'	N45°10'00"E	26°25'46"
C54	45.00'	41.80'	22.55'	40.32'	S84°59'37"W	53°13'29"
C55	45.00'	14.56'	7.34'	14.50'	N59°07'32"W	18°32'13"
C56	960.00'	84.18'	42.12'	84.15'	N49°21'03"E	05°01'27"
C57	960.00'	40.95'	20.48'	40.95'	N53°05'06"E	02°26'39"
C58	800.00'	36.15'	18.08'	36.15'	N55°47'26"E	02°35'21"
C59	25.00'	4.75'	2.38'	4.75'	S36°05'47"W	10°53'41"
C60	25.00'	17.59'	9.18'	17.23'	S61°42'15"W	40°19'15"
C61	45.00'	32.78'	17.15'	32.06'	S60°59'52"W	41°43'59"
C62	800.00'	86.54'	43.31'	86.50'	N60°11'03"E	06°11'53"
C63	800.00'	111.88'	56.03'	111.79'	N67°17'23"E	08°00'47"
C64	45.00'	39.32'	21.01'	38.08'	S15°06'08"W	50°03'29"
C65	45.00'	61.63'	36.75'	56.93'	S49°09'47"E	78°28'20"
C66	100.00'	37.38'	18.91'	37.17'	S47°53'36"E	21°25'11"
C67	100.00'	8.76'	4.38'	8.76'	S61°06'46"E	05°01'09"
C68	45.00'	10.16'	5.10'	10.14'	N63°57'08"W	12°56'00"
C69	45.00'	112.97'	137.81'	85.55'	S37°39'52"W	143°50'01"
C70	45.00'	70.69'	45.00'	63.64'	S79°15'08"E	90°00'00"
C71	150.00'	14.62'	7.32'	14.62'	N52°57'18"E	05°35'07"
C72	150.00'	40.72'	20.49'	40.60'	N42°23'08"E	15°33'14"
C73	150.00'	21.55'	10.79'	21.53'	N30°29'35"E	08°13'51"
C74	25.00'	3.75'	1.88'	3.75'	S30°40'30"W	08°35'40"
C75	25.00'	26.77'	14.83'	25.51'	S65°38'57"W	61°21'16"
C76	45.00'	47.89'	26.49'	45.66'	S65°50'25"W	60°58'22"
C77	45.00'	92.03'	73.70'	76.81'	S23°14'14"E	117°10'56"
C78	45.00'	12.27'	6.17'	12.23'	N34°11'15"E	15°37'12"
C79	75.00'	125.13'	82.70'	111.11'	S15°49'37"E	95°35'28"
C80	75.00'	110.49'	68.02'	100.77'	S74°10'23"W	84°24'32"

TANGENT DATA

TANGENT	BEARING	DISTANCE
T1	S26°22'39"W	51.68'
T2	N63°37'21"W	44.36'
T3	S63°37'21"E	32.62'
T4	S08°57'09"E	7.58'
T5	S86°43'58"W	22.79'
T6	S55°44'52"W	40.40'
T7	N34°15'08"W	23.00'
T8	N63°37'21"W	23.00'
T9	S55°44'52"W	10.00'

LOT ACREAGE

LOT NO.	ACREAGE
LOT 1	0.14585 AC.
LOT 2	0.26704 AC.
LOT 3	0.21649 AC.
LOT 4	0.12626 AC.
LOT 5	0.12626 AC.
LOT 6	0.12626 AC.
LOT 7	0.12626 AC.
LOT 8	0.12626 AC.
LOT 9	0.12626 AC.
LOT 10	0.12626 AC.
LOT 11	0.12626 AC.
LOT 12	0.13581 AC.
LOT 13	0.19990 AC.
LOT 14	0.14330 AC.
LOT 15	0.13068 AC.
LOT 16	0.13068 AC.
LOT 17	0.13068 AC.
LOT 18	0.13068 AC.
LOT 19	0.13068 AC.
LOT 20	0.13068 AC.
LOT 21	0.13068 AC.
LOT 22	0.13068 AC.
LOT 23	0.13068 AC.
LOT 24	0.13068 AC.
LOT 25	0.13068 AC.
LOT 26	0.13068 AC.
LOT 27	0.13068 AC.
LOT 28	0.13068 AC.
LOT 29	0.13068 AC.
LOT 30	0.13068 AC.
LOT 31	0.13068 AC.
LOT 32	0.13312 AC.
LOT 33	0.17897 AC.
LOT 34	0.17499 AC.
LOT 35	0.18461 AC.
LOT 36	0.38488 AC.
LOT 37	0.21344 AC.
LOT 38	0.17801 AC.
LOT 39	0.20684 AC.
LOT 40	0.18857 AC.
LOT 41	0.21738 AC.
LOT 42	0.22019 AC.
LOT 43	0.15467 AC.
LOT 44	0.13858 AC.
LOT 45	0.18610 AC.
LOT 46	0.13914 AC.
LOT 47	0.16106 AC.
LOT 48	0.16106 AC.
LOT 49	0.13889 AC.
LOT 50	0.13889 AC.
LOT 51	0.16124 AC.
LOT 52	0.17412 AC.
LOT 53	0.21687 AC.
LOT 54	0.16106 AC.
LOT 55	0.13889 AC.
LOT 56	0.13889 AC.
LOT 57	0.13889 AC.
LOT 58	0.15268 AC.

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 overhead and underground electrical lines, transformers, 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. natural gas.

C. U.S. West for the installation, maintenance and service of all buried and aerial 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.

E. New Mexico Utilities, Inc. for installation, maintenance and service of underground water and sanitary sewer lines across the easement (but not parallel within).

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.

JOB NO. 95228-A-3212

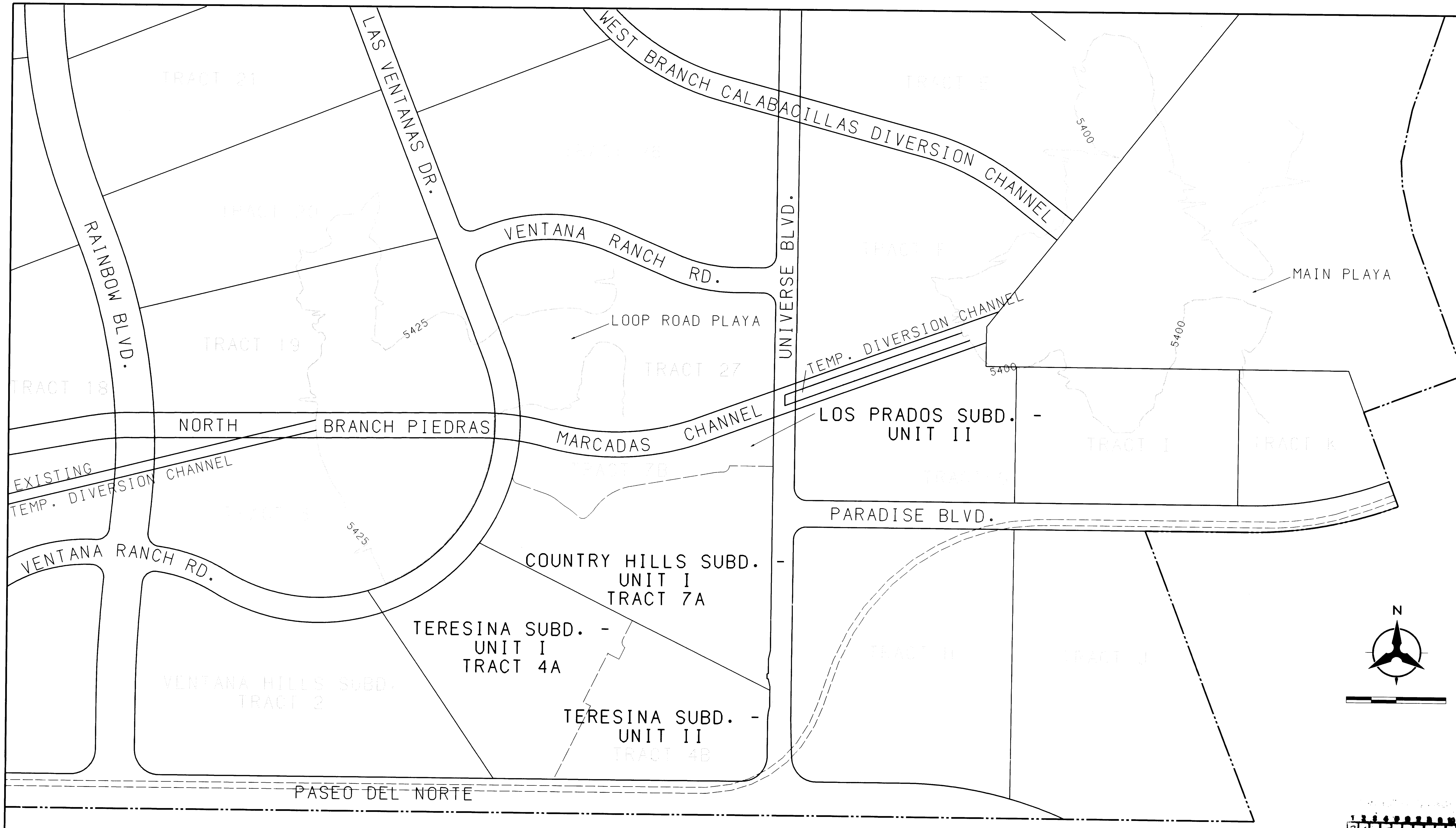
SHEET 3 OF 3

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

C:\ADCADD\CIVIL\P\S95228\SHEET3.DWG 3/4/1996

26-53/6.9/ 2C97

SHEET 2C OF 33


WEST BRANCH CALABACILLAS DIVERSION CHANNEL
LAS VENTANAS DR.
RAINBOW BLVD.
UNIVERSE BLVD.
VENTANA RANCH RD.
LOOP ROAD PLAYA
MAIN PLAYA
5425
5400
TEMP. DIVERSION CHANNEL
NORTH BRANCH PIEDRAS MARCADAS CHANNEL
EXISTING
TEMP. DIVERSION CHANNEL
LOS PRADOS SUBD. - UNIT II
PARADISE BLVD.
VENTANA RANCH RD.
COUNTRY HILLS SUBD. - UNIT I TRACT 7A
TERESINA SUBD. - UNIT I TRACT 4A
TERESINA SUBD. - UNIT II
PASEO DEL NORTE
N

LEGEND

☐	SUBDIVISION TO BE DEVELOPED
☐	OFFSITE ROADWAY OR TEMPORARY CHANNEL TO BE CONSTRUCTED WITH THIS PLAN SET

AS-BUILT INFORMATION

CONTRACTOR Sparling Const.
WORK STAKED BY Sparling Const.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY Sparling DATE 12/96
DRAWINGS CORRECTED BY Sparling Const. DATE 12/96

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M.STATE PLANE COORDINATES (CENTRAL ZONE) X=357,526.69, Y=1,525,168.35
GROUND-TO-GRID FACTOR = .9996640
$\Delta\alpha$= -00°16'30"
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

TAMARA K. MORGAN
10995

NO.	DATE	REMARKS	BY

REVISIONS

DESIGNED BY	PLL/TKM	DESIGN	DATE 2/96
DRAWN BY	PLL		DATE 2/96
CHECKED BY	TKM		DATE 2/96

26-5316.91 0397

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH
SITE DESCRIPTION PLAN
TRACT 4A & TRACT 7A

B 5/29/96

CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	3	33

BHI JOB NO. 95228A2440

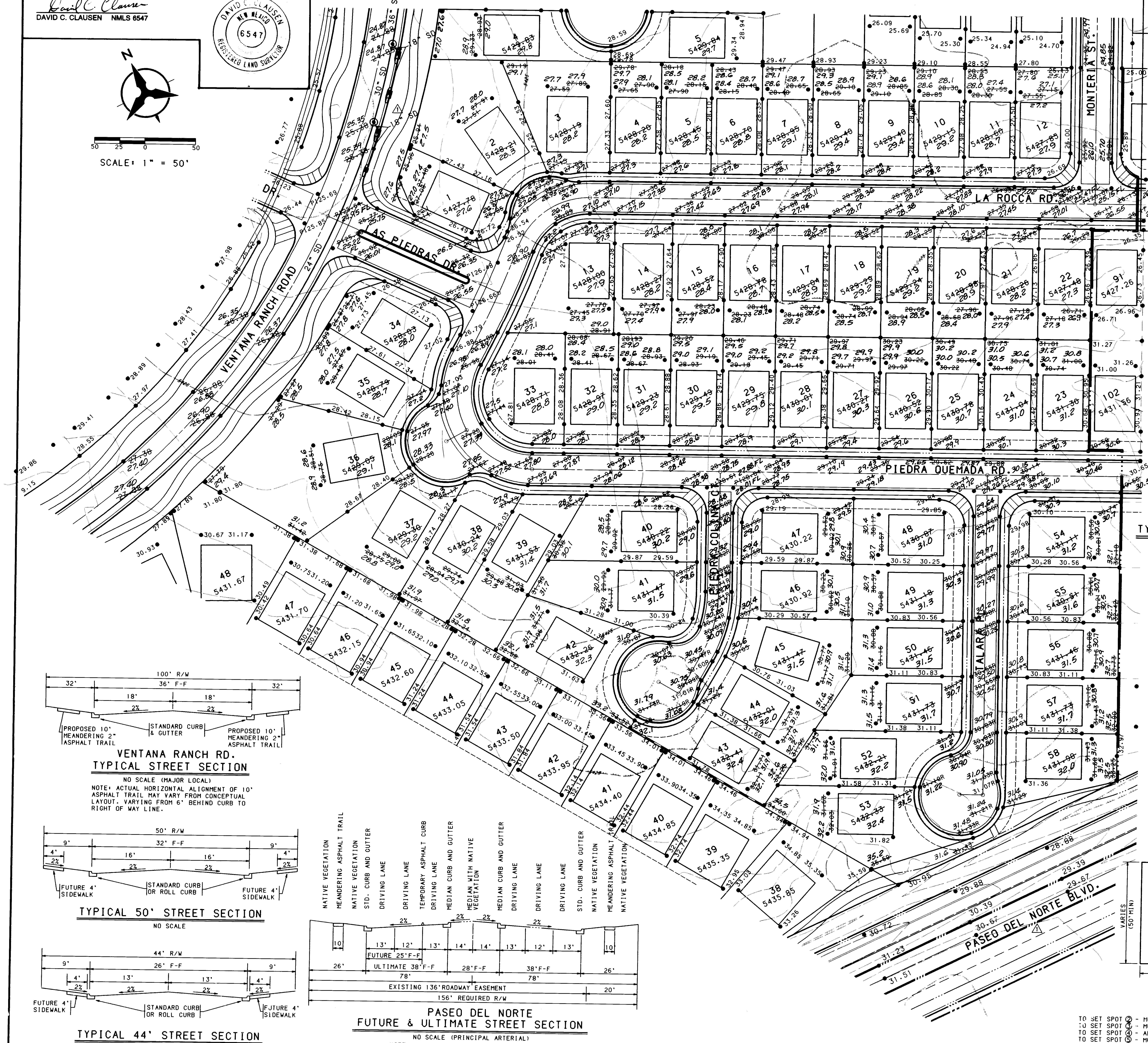
DATE: MARCH, 1996

USERNAME- CEPS- C9526201TRACT4-7.PAD SITE-DESC.GRF

I, DAVID C. CLAUSEN, NEW MEXICO REGISTERED LAND SURVEYOR NO. 6547, DO HEREBY CERTIFY THAT THE ELEVATIONS SHOWN HEREON ACCURATELY REPRESENT THE AS-BUILT CONDITIONS OF THIS PROJECT AS OBTAINED BY A FIELD SURVEY PERFORMED ON 3-10-96.

David C. Clausen
DAVID C. CLAUSEN NMLS 6547

DAVID C. CLAUSEN
NEW MEXICO
6547
REGISTERED LAND SURVEYOR



VENTANA RANCH RD.
TYPICAL STREET SECTION

NO SCALE (MAJOR LOCAL)

NOTE: ACTUAL HORIZONTAL ALIGNMENT OF 10' ASPHALT TRAIL MAY VARY FROM CONCEPTUAL LAYOUT. VARYING FROM 6' BEHIND CURB TO RIGHT OF WAY LINE.

TYPICAL 50' STREET SECTION

NO SCALE

TYPICAL 44' STREET SECTION

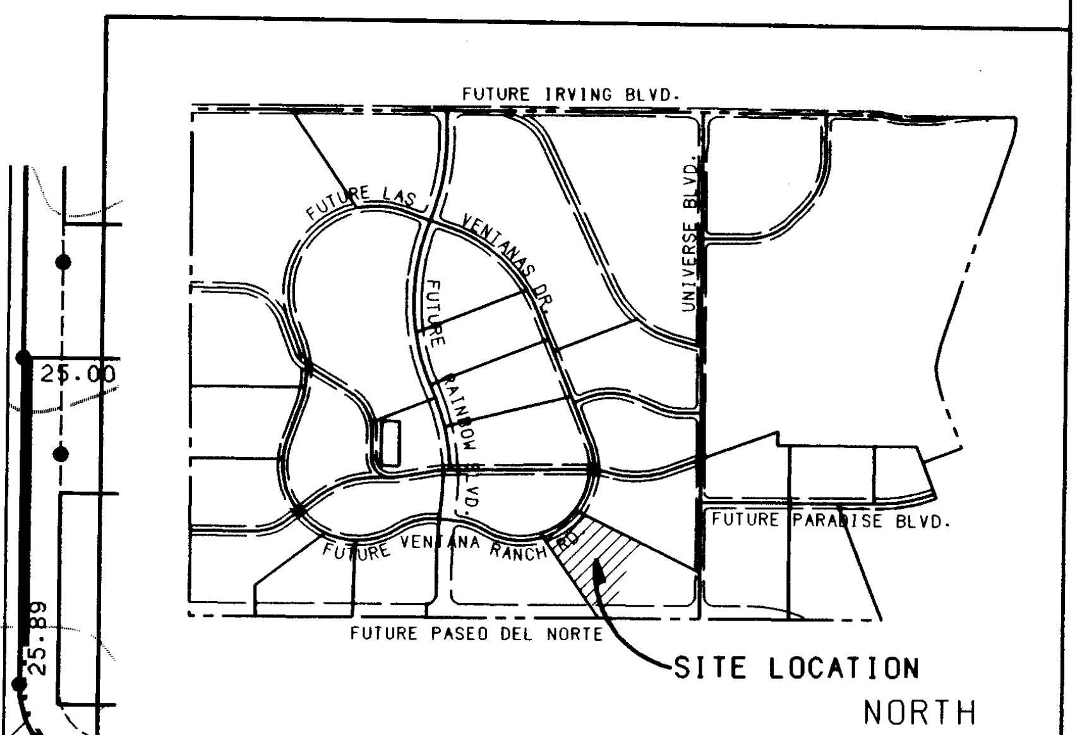
NO SCALE

VARIANCE REQUESTED FOR 4'SIDEWALK NEXT TO CURB

PASEO DEL NORTE FUTURE & ULTIMATE STREET SECTION

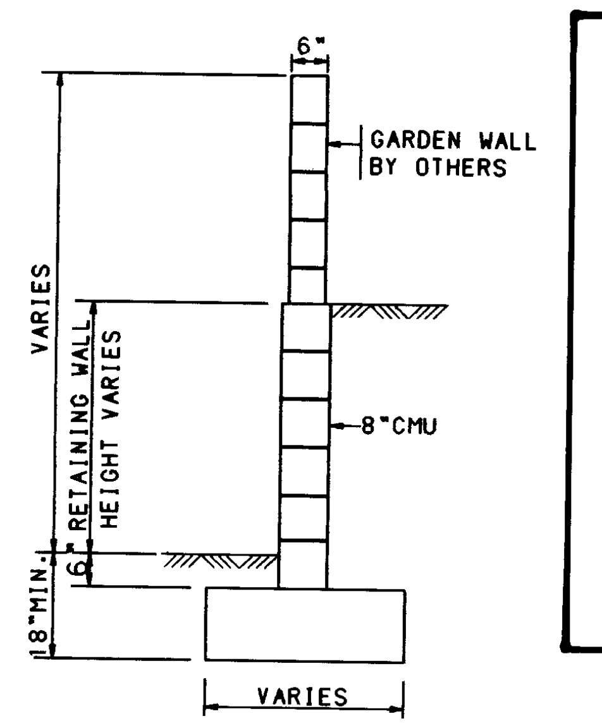
NO SCALE (PRINCIPAL ARTERIAL)

NOTE: ACTUAL HORIZONTAL ALIGNMENT OF 10' ASPHALT TRAIL MAY VARY FROM CONCEPTUAL LAYOUT. VARYING FROM 6' BEHIND CURB TO RIGHT OF WAY LINE.



LOCATION MAP

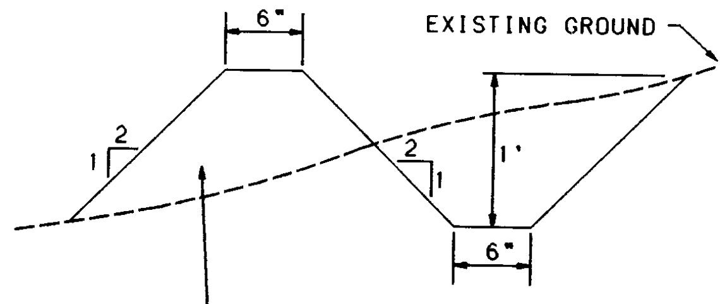
ZONE ATLAS MAP NO. B-9, B-10
NO SCALE



TW=FINISHED GRADE ELEVATION AT TOP OF RETAINING WALL
BW=FINISHED GRADE ELEVATION AT BOTTOM OF RETAINING WALL

TYPICAL RETAINING WALL NOMENCLATURE

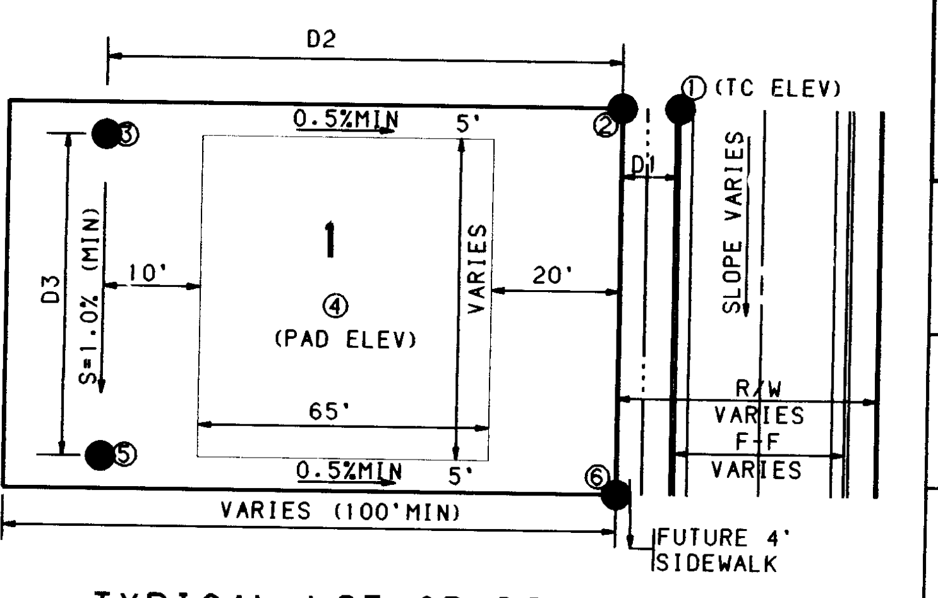
NO SCALE
(RETAINAGE HEIGHT IS TAKEN TO BE DIFFERENCE IN FINISHED GRADES ON LEFT AND RIGHT SIDE OF WALL)



EROSION CONTROL PLAN

NO SCALE

A BERM WITH THE DIMENSIONS SHOWN SHALL BE MAINTAINED DURING CONSTRUCTION UNTIL COMPLETION OF INDIVIDUAL HOMES WITHIN THE PROJECT.



TYPICAL LOT GRADING PLAN

NO SCALE

TO SET SPOT ② - MULTIPLY D1 BY 2% AND ADD TO SPOT ① ON HIGH SIDE OF STREET
TO SET SPOT ③ - MULTIPLY D2 BY 0.5% AND ADD TO SPOT ②
TO SET SPOT ④ - ADD 0.3' TO SPOT ③
TO SET SPOT ⑤ - MULTIPLY D3 BY 1% AND SUBTRACT FROM SPOT ③
(CHECK SLOPE FROM SPOT ⑤ TO SPOT ⑥ TO BE MIN 0.5%)
(NOTE: IF STREET SLOPE IS LESS THAN 1% THEN START FROM LOW SIDE OF STREET)

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 PREPARED BY GEO-TEST, INC. DATED OCT. 13, 1994 AND APRIL 13, 1994.
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 APROVALS.
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 DETAIL THIS SHEET AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
5. ALL SPOT ELEVATIONS ARE TO TOP OF CURB UNLESS OTHERWISE NOTED. VALLEY GUTTER ELEVATIONS ARE SHOWN AT PROJECTED TOP OF CURB ELEVATION.
6. BOULDERS, GREATER THAN 3 FEET IN DIAMETER, EXCAVATED DURING GRADING ACTIVITIES SHALL BE STOCKPILED AND DISPOSED OF AT THE DISCRETION OF THE OWNER.

GRADING CERTIFICATION

I, Tamara K. Morgan, P.E. #10995, hereby certify that grading at this site is constructed in substantial compliance with this plan, to allow the implementation of the drainage patterns and requirements identified herein, side yard drainage swales were noted during field visit prior to home construction, swales will need to be reconstructed by the builder upon completion of the home construction. As-built pad and grade elevations were verified by field survey performed under direction of David C. Clausen, P.L.S. # 6547 on 3-10-96 after completion of infrastructure construction. This statement does not represent certification of contractor's construction methods or materials.

TAMARA K. MORGAN
10995

LEGEND

PROJECT BOUNDARY	▬▬ ▪ ▪ ▪
EXISTING CONTOUR	┈┈┈
EXISTING SPOT ELEVATION	○25.5
PROPOSED SPOT ELEVATION	●36.6
DIRECTION OF FLOW	S=2.564% →
BASIN BOUNDARY	━━━
SUB-BASIN BOUNDARY	━━━
PROPOSED RETAINING WALL	━ ━ ━
EXISTING STORM DRAIN LINE	— —SD— —
EXISTING STORM DRAIN MANHOLE	◎
EXISTING STORM DRAIN INLET	▭
PROPOSED STORM DRAIN LINE	——SD——
PROPOSED STORM DRAIN MANHOLE	◎
PROPOSED STORM DRAIN INLET	▭

AS-BUILT INFORMATION

CONTRACTOR Sparling Const.
WORK STAKED BY Sparling Const.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY Sparling DATE 12/96
DRAWINGS CORRECTED BY Sparling DATE 12/96

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X =357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
$\Delta\alpha$= -00°16'30"
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

12/15/95

REVISIONS

NO.	DATE	REMARKS	BY
1	1/18/96	ADD SD SIZES, CORRECTED STREET NAMES	PLL

DESIGN

DESIGNED BY PLL/TKM DATE 9/95
DRAWN BY PLL/TSG DATE 9/95
CHECKED BY TKM DATE 9/95

26-5316.91 4A97

APPROVED FOR ROUGH GRADING (± 1')

HYDROLOGY ENGINEER 1-19-96
DATE

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH - TRACT 4A
PRELIMINARY GRADING PLAN

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

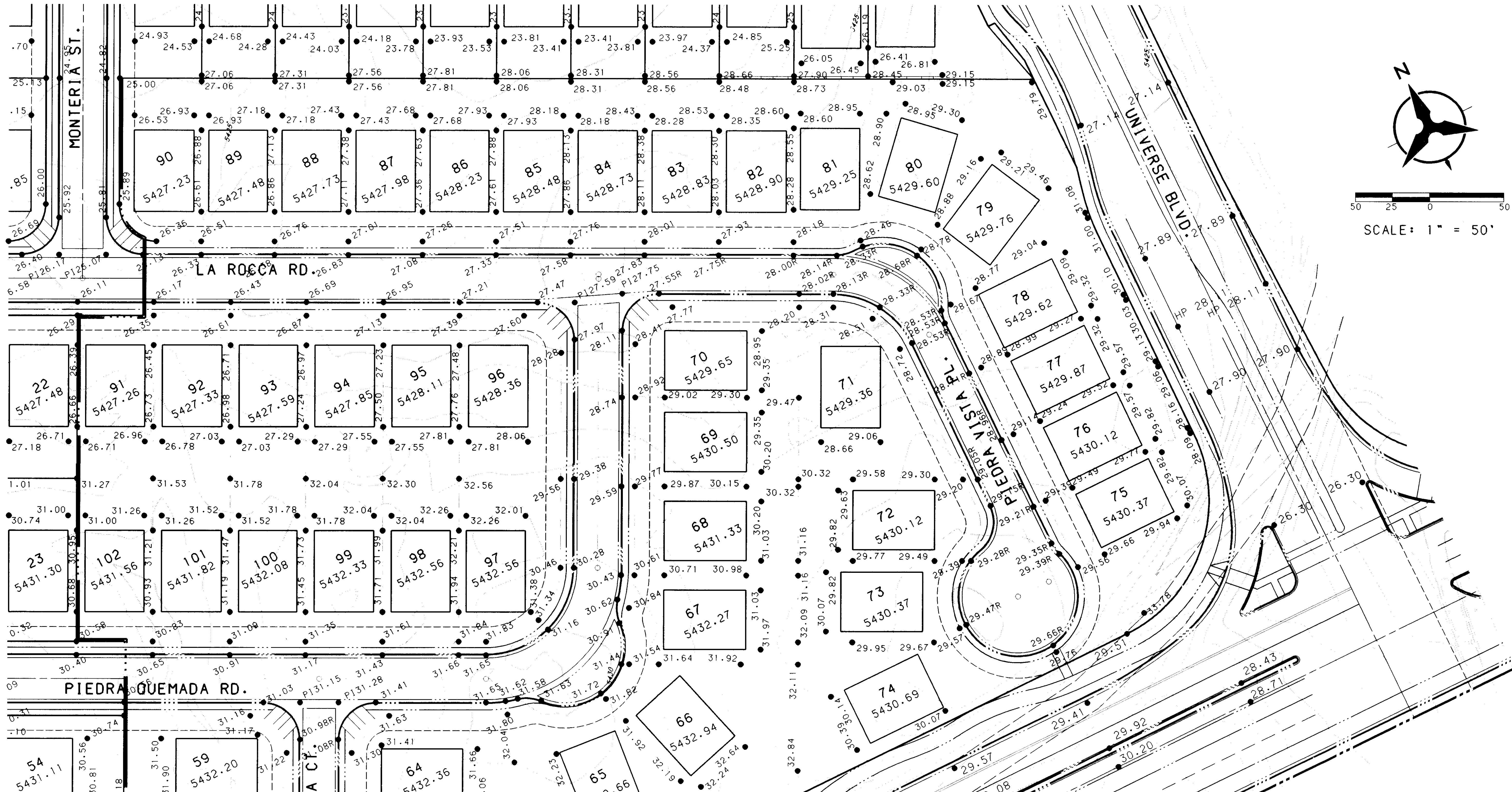
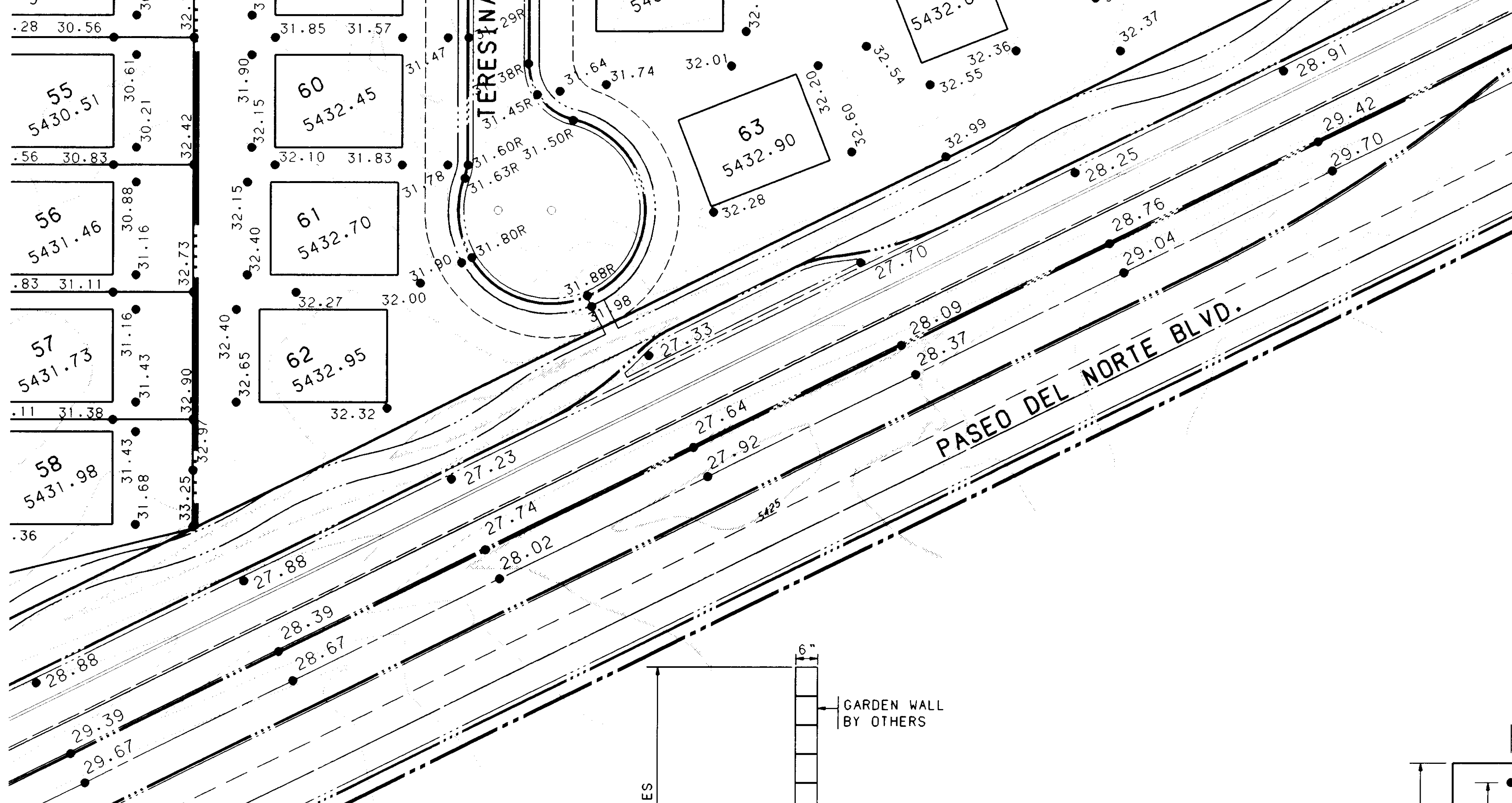
CITY PROJECT NO.	ZONE MAP NO.	SHEET
5316.91 XXXX.XX	B9.B10	4A OF 33 1 4

BHI JOB NO. 95228A2440

USERNAME: CDP5:[C9526201.TRACT4-7.PAD]GRADE-T4A.GRF

SCANNED BY BY LASON

DATE: NOVEMBER 1995



MONTERIA ST.
LA ROCCA RD.
PIEDRA QUEMADA RD.
TERESINA CT.
PIEDRA VISTA PL.
UNIVERSE BLVD.
PASEO DEL NORTE BLVD.
90 5427.23
89 5427.48
88 5427.73
87 5427.98
86 5428.23
85 5428.48
84 5428.73
83 5428.83
82 5428.90
81 5429.25
80 5429.60
79 5429.76
78 5429.62
77 5429.87
76 5430.12
75 5430.37
22 5427.48
91 5427.26
92 5427.33
93 5427.59
94 5427.85
95 5428.11
96 5428.36
70 5429.65
71 5429.36
69 5430.50
68 5431.33
72 5430.12
73 5430.37
67 5432.27
74 5430.69
23 5431.30
102 5431.56
101 5431.82
100 5432.08
99 5432.33
98 5432.56
97 5432.56
66 5432.94
65 5432.66
64 5432.36
63 5432.90
59 5432.20
60 5432.45
61 5432.70
62 5432.95
54 5431.11
55 5430.51
56 5431.46
57 5431.73
58 5431.98

N
50 25 0 50

SCALE: 1" = 50'

LOCATION MAP

ZONE ATLAS MAP NO. B-9, B-10
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 PREPARED BY GEO-TEST, INC. DATED OCT. 13, 1994 AND APRIL 13, 1994.
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 APROVALS.
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 DETAIL THIS SHEET AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
5. ALL SPOT ELEVATIONS ARE TO TOP OF CURB UNLESS OTHERWISE NOTED. VALLEY GUTTER ELEVATIONS ARE SHOWN AT PROJECTED TOP OF CURB ELEVATION.
6. BOULDERS, GREATER THAN 3 FEET IN DIAMETER, EXCAVATED DURING GRADING ACTIVITIES SHALL BE STOCKPILED AND DISPOSED OF AT THE DISCRETION OF THE OWNER.

AS-BUILT INFORMATION

CONTRACTOR For Ref. Only
WORK STAKED BY
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

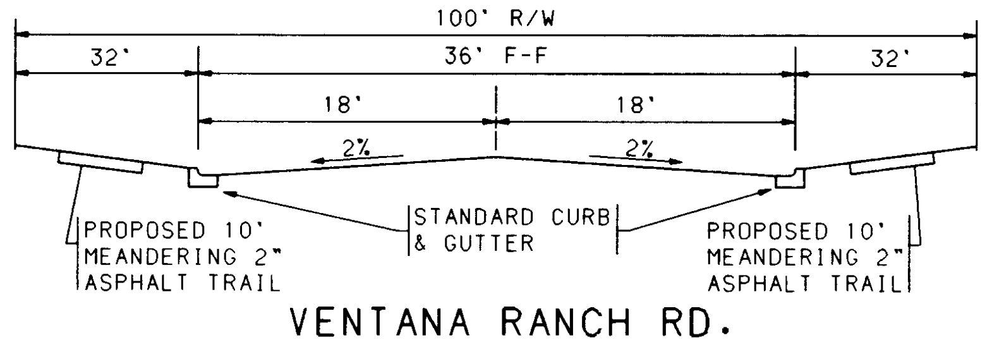
BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X =357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
Δα= -00°16'30"
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE


100' R/W
32'
36' F-F
32'
18'
18'
2%
2%
PROPOSED 10' MEANDERING 2" ASPHALT TRAIL
STANDARD CURB & GUTTER
PROPOSED 10' MEANDERING 2" ASPHALT TRAIL

VENTANA RANCH RD. TYPICAL STREET SECTION

NO SCALE (MAJOR LOCAL)

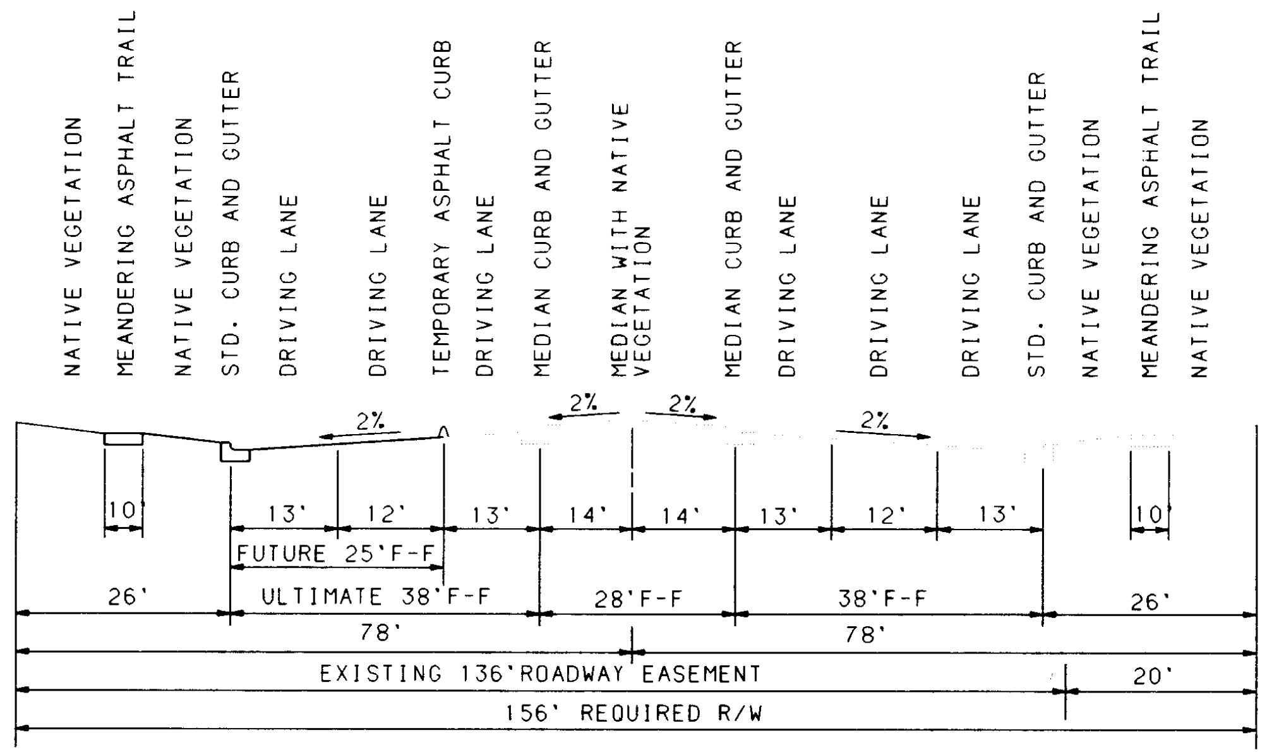
NOTE: ACTUAL HORIZONTAL ALIGNMENT OF 10' ASPHALT TRAIL MAY VARY FROM CONCEPTUAL LAYOUT. VARYING FROM 6' BEHIND CURB TO RIGHT OF WAY LINE.

LEGEND

PROJECT BOUNDARY	——— - - -
EXISTING CONTOUR	
EXISTING SPOT ELEVATION	○25.5
PROPOSED SPOT ELEVATION	●36.6
DIRECTION OF FLOW	S=2.564% →
BASIN BOUNDARY	▬▬▬
SUB-BASIN BOUNDARY	━━━
PROPOSED RETAINING WALL	━ ━ ━
PROPOSED GARDEN WALL	═══
EXISTING STORM DRAIN LINE	— —SD— —
EXISTING STORM DRAIN MANHOLE	◎
EXISTING STORM DRAIN INLET	▭
PROPOSED STORM DRAIN LINE	——SD——
PROPOSED STORM DRAIN MANHOLE	◎
PROPOSED STORM DRAIN INLET	▭

ENGINEER'S SEAL

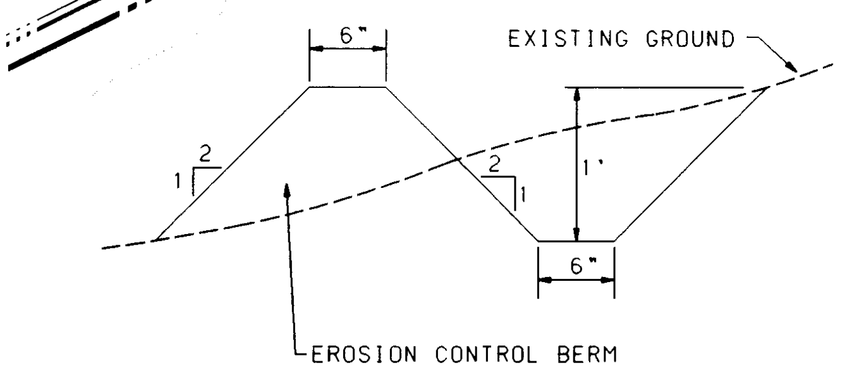
TAMARA K. MORGAN #10995


NATIVE VEGETATION
MEANDERING ASPHALT TRAIL
NATIVE VEGETATION
STD. CURB AND GUTTER
DRIVING LANE
DRIVING LANE
TEMPORARY ASPHALT CURB
DRIVING LANE
MEDIAN CURB AND GUTTER
MEDIAN WITH NATIVE VEGETATION
MEDIAN CURB AND GUTTER
DRIVING LANE
DRIVING LANE
DRIVING LANE
STD. CURB AND GUTTER
NATIVE VEGETATION
MEANDERING ASPHALT TRAIL
NATIVE VEGETATION
2%
2%
2%
2%
10
13'
12'
13'
14'
14'
13'
12'
13'
10
FUTURE 25'F-F
26'
ULTIMATE 38'F-F
28'F-F
38'F-F
26'
78'
78'
EXISTING 136'ROADWAY EASEMENT
20'
156' REQUIRED R/W

PASEO DEL NORTE FUTURE & ULTIMATE STREET SECTION

NO SCALE (PRINCIPAL ARTERIAL)

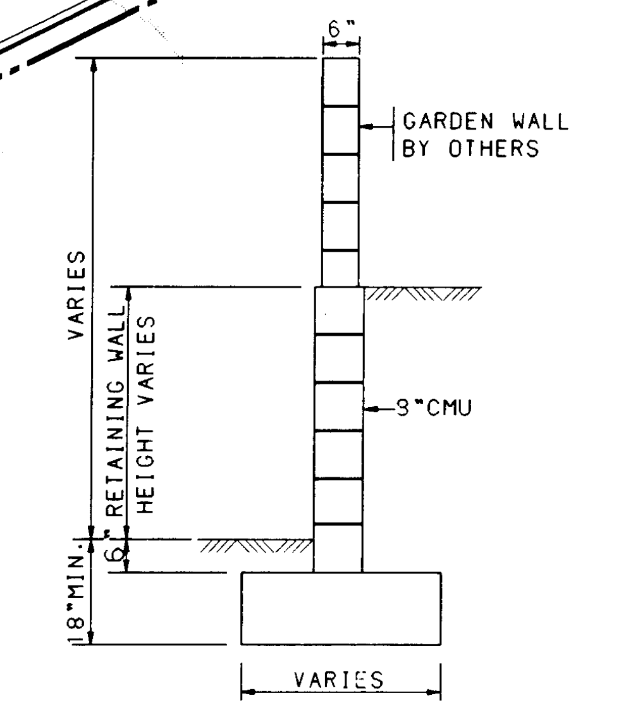
NOTE: ACTUAL HORIZONTAL ALIGNMENT OF 10' ASPHALT TRAIL MAY VARY FROM CONCEPTUAL LAYOUT. VARYING FROM 6' BEHIND CURB TO RIGHT OF WAY LINE.


6"
EXISTING GROUND
2
1
2
1
1'
6"
EROSION CONTROL BERM

EROSION CONTROL PLAN

NO SCALE

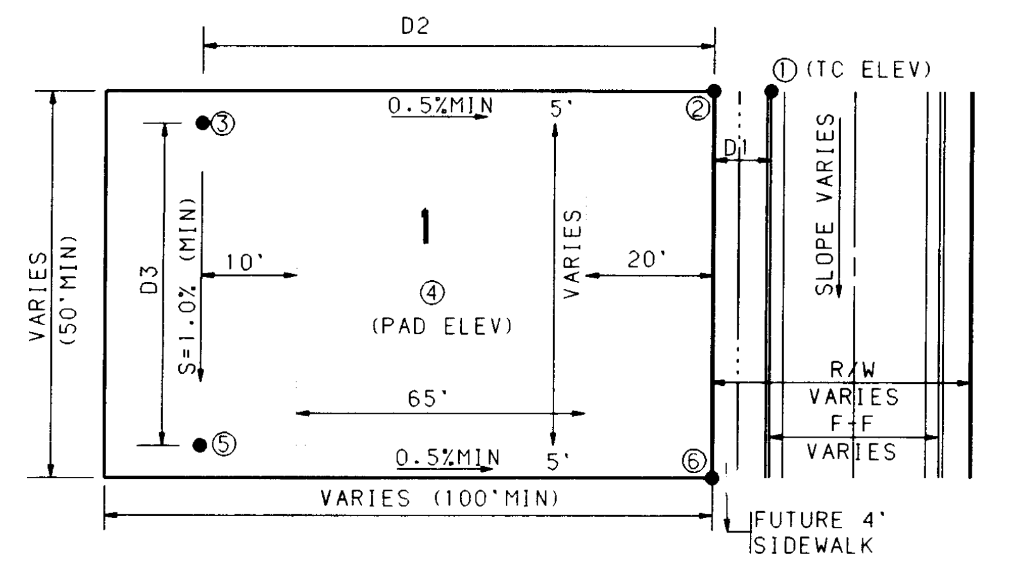
A BERM WITH THE DIMENSIONS SHOWN SHALL BE MAINTAINED DURING CONSTRUCTION UNTIL COMPLETION OF INDIVIDUAL HOMES WITHIN THE PROJECT.


6"
GARDEN WALL BY OTHERS
VARIES
RETAINING WALL HEIGHT VARIES
9"CMU
6"
18"MIN.
VARIES

TW=FINISHED GRADE ELEVATION AT TOP OF RETAINING WALL
BW=FINISHED GRADE ELEVATION AT BOTTOM OF RETAINING WALL

TYPICAL RETAINING WALL NOMENCLATURE

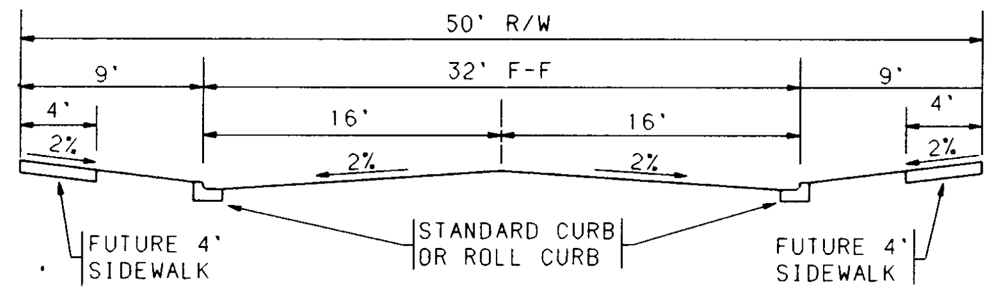
NO SCALE
(RETAINAGE HEIGHT IS TAKEN TO BE DIFFERENCE IN FINISHED GRADES ON LEFT AND RIGHT SIDE OF WALL)


D2
①(TC ELEV)
③
0.5%MIN
5'
②
10'
1
④
(PAD ELEV)
20'
D3
S=1.0% (MIN)
VARIES (50'MIN)
VARIES
SLOPE VARIES
65'
⑤
0.5%MIN
5'
⑥
R/W
VARIES
F-F
VARIES
VARIES (100'MIN)
FUTURE 4' SIDEWALK

TYPICAL LOT GRADING PLAN

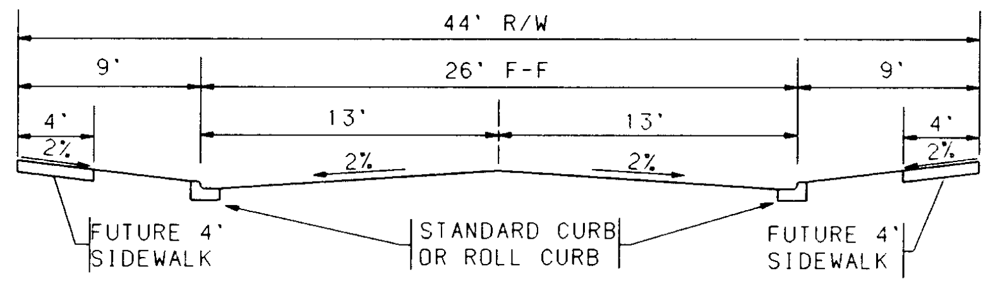
NO SCALE

TO SET SPOT ② - MULTIPLY D1 BY 2% AND ADD TO SPOT ① ON HIGH SIDE OF STREET
TO SET SPOT ③ - MULTIPLY D2 BY 0.5% AND ADD TO SPOT ②
TO SET SPOT ④ - ADD 0.3' TO SPOT ③
TO SET SPOT ⑤ - MULTIPLY D3 BY 1% AND SUBTRACT FROM SPOT ③
(CHECK SLOPE FROM SPOT ⑤ TO SPOT ⑥ TO BE MIN 0.5%)
(NOTE: IF STREET SLOPE IS LESS THAN 1% THEN START FROM LOW SIDE OF STREET)


50' R/W
9'
32' F-F
9'
4'
16'
16'
4'
2%
2%
2%
2%
FUTURE 4' SIDEWALK
STANDARD CURB OR ROLL CURB
FUTURE 4' SIDEWALK

TYPICAL 50' RESIDENTIAL STREET SECTION

NO SCALE


44' R/W
9'
26' F-F
9'
4'
13'
13'
4'
2%
2%
2%
2%
FUTURE 4' SIDEWALK
STANDARD CURB OR ROLL CURB
FUTURE 4' SIDEWALK

TYPICAL 44' OR 46' RESIDENTIAL STREET SECTION

NO SCALE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-5376,91 4B97

APPROVED FOR ROUGH GRADING (± 1')

HYDROLOGY ENGINEER ________ DATE ________

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY	PLL/TKM	DATE 9/95
DRAWN BY	PLL/TSG	DATE 9/95
CHECKED BY	TKM	DATE 9/95

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH - TRACT 4B
GRADING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
B.J.B. 5/29/96				

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	4B	33

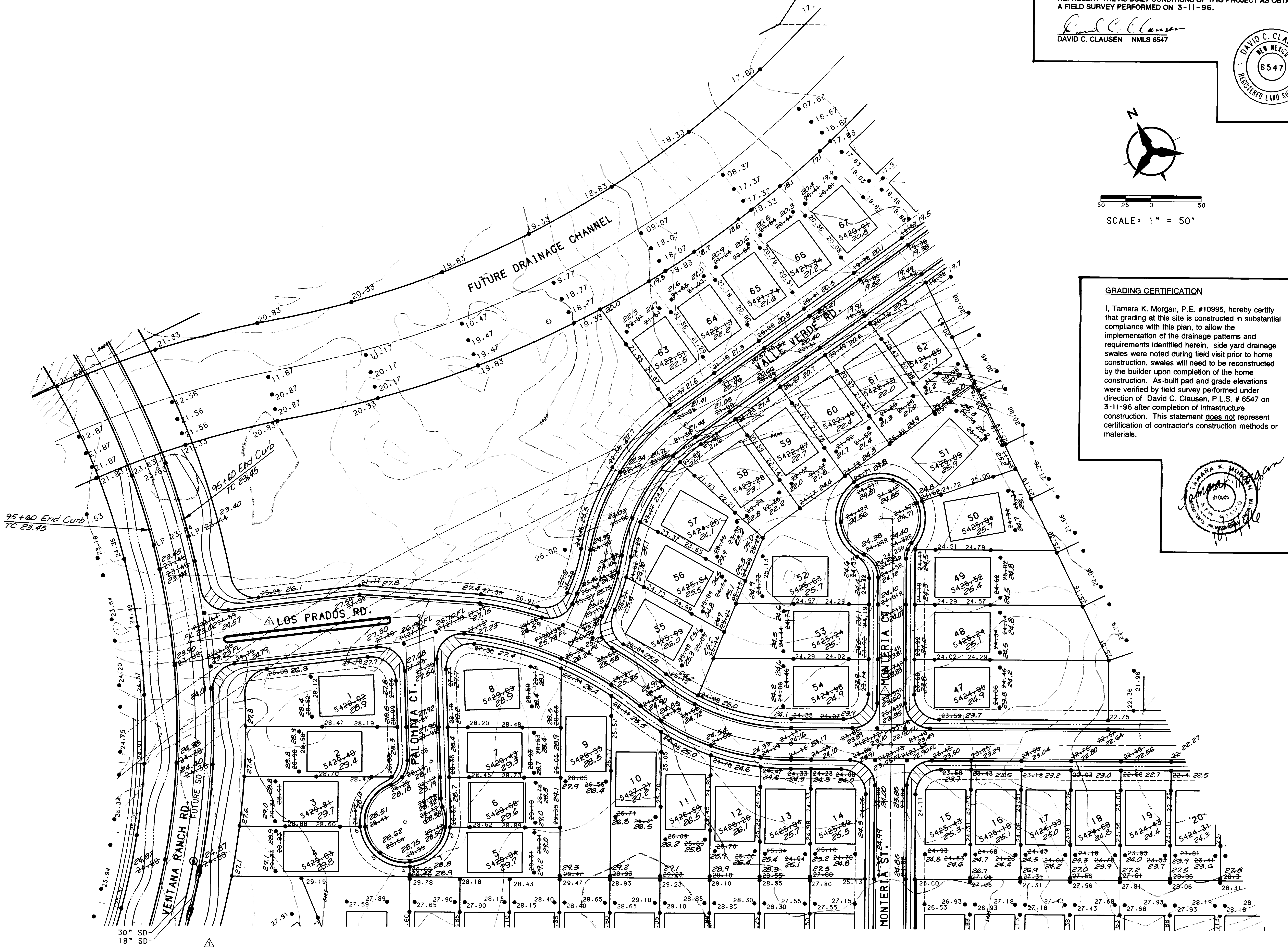
BHI JOB NO. 95228A2441

DATE: MARCH, 1996

I, DAVID C. CLAUSEN, NEW MEXICO REGISTERED LAND SURVEYOR NO. 6547, DO HEREBY CERTIFY THAT THE ELEVATIONS SHOWN HEREON ACCURATELY REPRESENT THE AS-BUILT CONDITIONS OF THIS PROJECT AS OBTAINED BY A FIELD SURVEY PERFORMED ON 3-11-96.

David C. Clausen
DAVID C. CLAUSEN NMLS 6547

DAVID C. CLAUSEN
6547



GRADING CERTIFICATION

I, Tamara K. Morgan, P.E. #10995, hereby certify that grading at this site is constructed in substantial compliance with this plan, to allow the implementation of the drainage patterns and requirements identified herein, side yard drainage swales were noted during field visit prior to home construction, swales will need to be reconstructed by the builder upon completion of the home construction. As-built pad and grade elevations were verified by field survey performed under direction of David C. Clausen, P.L.S. # 6547 on 3-11-96 after completion of infrastructure construction. This statement does not represent certification of contractor's construction methods or materials.

Tamara K. Morgan
TAMARA K. MORGAN 10995
10/7/96

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 PREPARED BY GEO-TEST, INC. DATED OCT. 13, 1994 AND APRIL 13, 1994.
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 APROVALS.
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 DETAIL THIS SHEET AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
5. ALL SPOT ELEVATIONS ARE TO TOP OF CURB UNLESS OTHERWISE NOTED. VALLEY GUTTER ELEVATIONS ARE SHOWN AT PROJECTED TOP OF CURB ELEVATION.
6. BOULDERS, GREATER THAN 3 FEET IN DIAMETER, EXCAVATED DURING GRADING ACTIVITIES SHALL BE STOCKPILED AND DISPOSED OF AT THE DISCRETION OF THE OWNER.

LEGEND

PROJECT BOUNDARY	━━ - - -
EXISTING CONTOUR	- - - -
EXISTING SPOT ELEVATION	○25.5
PROPOSED SPOT ELEVATION	●36.6
DIRECTION OF FLOW	S=2.564% →
BASIN BOUNDARY	━━━
SUB-BASIN BOUNDARY	━━━
PROPOSED RETAINING WALL	━ ━ ━
PROPOSED GARDEN WALL	═══
EXISTING STORM DRAIN LINE	— —SD— —
EXISTING STORM DRAIN MANHOLE	◎
EXISTING STORM DRAIN INLET	▫
PROPOSED STORM DRAIN LINE	——SD——
PROPOSED STORM DRAIN MANHOLE	◎
PROPOSED STORM DRAIN INLET	▬

AS-BUILT INFORMATION
CONTRACTOR SPARLING CONST.
WORK STAKED BY SPARLING CONST.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY SPARLING DATE 12/96
DRAWINGS CORRECTED BY SPARLING DATE 12/96

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

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

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
12/5/96

REVISIONS

NO.	DATE	REMARKS	BY
△1	1/18/96	ADD SD SIZES, CORRECTED STREET NAMES	PLL

DESIGN
DESIGNED BY PLL/TKM DATE 9/95
DRAWN BY PLL/TSG DATE 9/95
CHECKED BY TKM DATE 9/95

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	6	-	5	3	1	6	.	9	1		4	C	9	7

APPROVED FOR ROUGH GRADING (± 1')

Susan Calongne 1-19-96
HYDROLOGY ENGINEER DATE

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH - TRACT 7A
PRELIMINARY GRADING PLAN

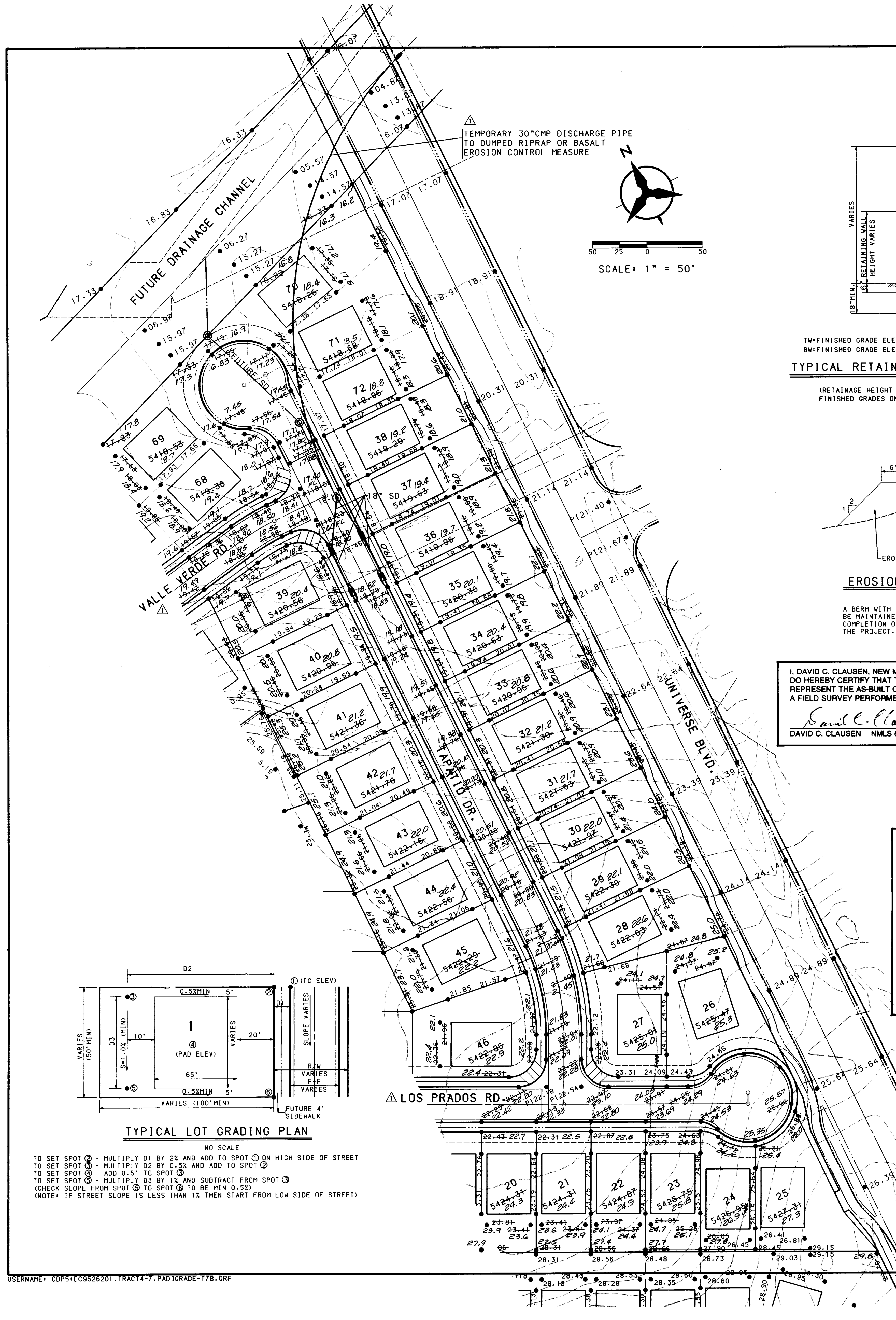
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. 5316.91 XXXX.XX
ZONE MAP NO. B9.B10
SHEET 46 ~~3~~ OF 33 ~~4~~

COPYRIGHT BOHANNAN-HUSTON, INC.
DATE: NOVEMBER 1995

BHI JOB NO. 95228A2440

USERNAME: CDP5:[C9526201.TRACT4-7.PAD]GRADE-T7A.GRF

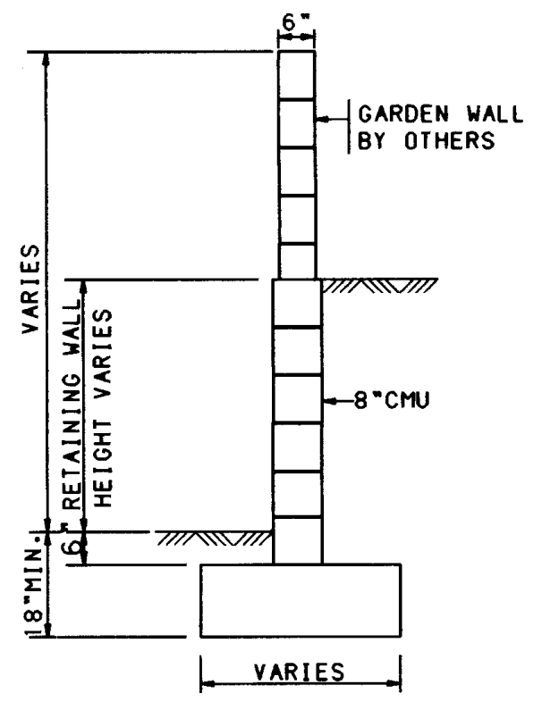

TEMPORARY 30"CMP DISCHARGE PIPE TO DUMPED RIPRAP OR BASALT EROSION CONTROL MEASURE
N
SCALE: 1" = 50'
FUTURE DRAINAGE CHANNEL
VALLE VERDE RD.
TAPATIO DR.
UNIVERSE BLVD.
LOS PRADOS RD.
D2
(TC ELEV)
0.5%MIN
5'
VARIES (50'MIN)
D3
S=1.0% (MIN)
10'
1
(PAD ELEV)
VARIES
20'
65'
SLOPE VARIES
D1
R/W VARIES
F-F VARIES
VARIES (100'MIN)
FUTURE 4' SIDEWALK

TYPICAL LOT GRADING PLAN

NO SCALE

TO SET SPOT ② - MULTIPLY D1 BY 2% AND ADD TO SPOT ① ON HIGH SIDE OF STREET
TO SET SPOT ③ - MULTIPLY D2 BY 0.5% AND ADD TO SPOT ②
TO SET SPOT ④ - ADD 0.5' TO SPOT ③
TO SET SPOT ⑤ - MULTIPLY D3 BY 1% AND SUBTRACT FROM SPOT ③
(CHECK SLOPE FROM SPOT ⑤ TO SPOT ⑥ TO BE MIN 0.5%)
(NOTE: IF STREET SLOPE IS LESS THAN 1% THEN START FROM LOW SIDE OF STREET)

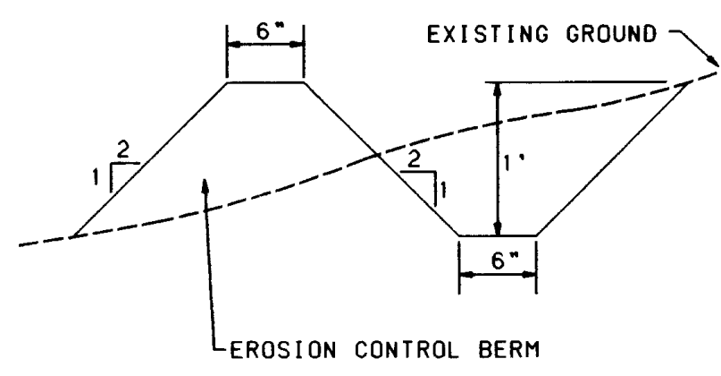
USERNAME: CDP5:[C9526201.TRACT4-7.PAD]GRADE-T7B.GRF


6"
GARDEN WALL BY OTHERS
VARIES
RETAINING WALL HEIGHT VARIES
8"CMU
6"
18"MIN.
VARIES

TW=FINISHED GRADE ELEVATION AT TOP OF RETAINING WALL
BW=FINISHED GRADE ELEVATION AT BOTTOM OF RETAINING WALL

TYPICAL RETAINING WALL NOMENCLATURE

NO SCALE
(RETAINAGE HEIGHT IS TAKEN TO BE DIFFERENCE IN FINISHED GRADES ON LEFT AND RIGHT SIDE OF WALL)


6"
EXISTING GROUND
2
1
1'
6"
EROSION CONTROL BERM

EROSION CONTROL PLAN

NO SCALE

A BERM WITH THE DIMENSIONS SHOWN SHALL BE MAINTAINED DURING CONSTRUCTION UNTIL COMPLETION OF INDIVIDUAL HOMES WITHIN THE PROJECT.

I, DAVID C. CLAUSEN, NEW MEXICO REGISTERED LAND SURVEYOR NO. 6547, DO HEREBY CERTIFY THAT THE ELEVATIONS SHOWN HEREON ACCURATELY REPRESENT THE AS-BUILT CONDITIONS OF THIS PROJECT AS OBTAINED BY A FIELD SURVEY PERFORMED ON 3-11-96.

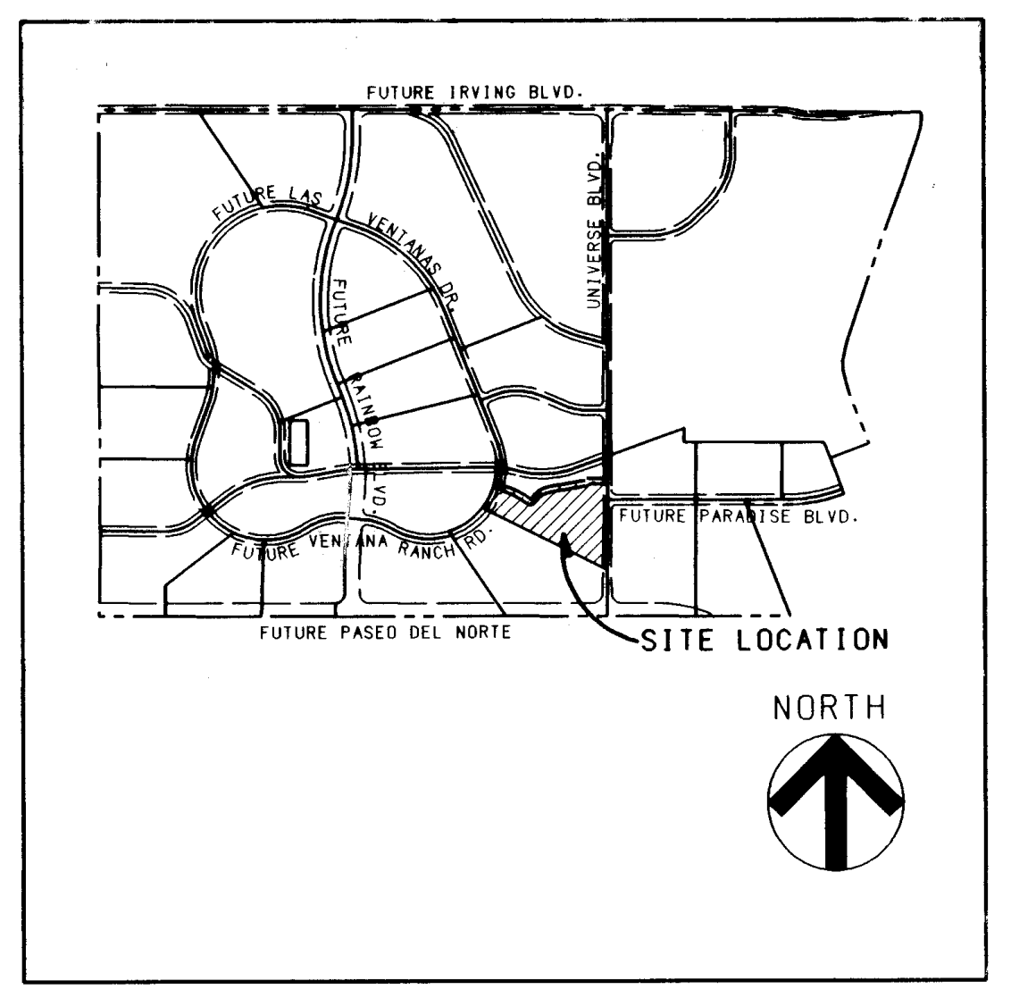
David C. Clausen
DAVID C. CLAUSEN NMLS 6547

DAVID C. CLAUSEN
6547

GRADING CERTIFICATION

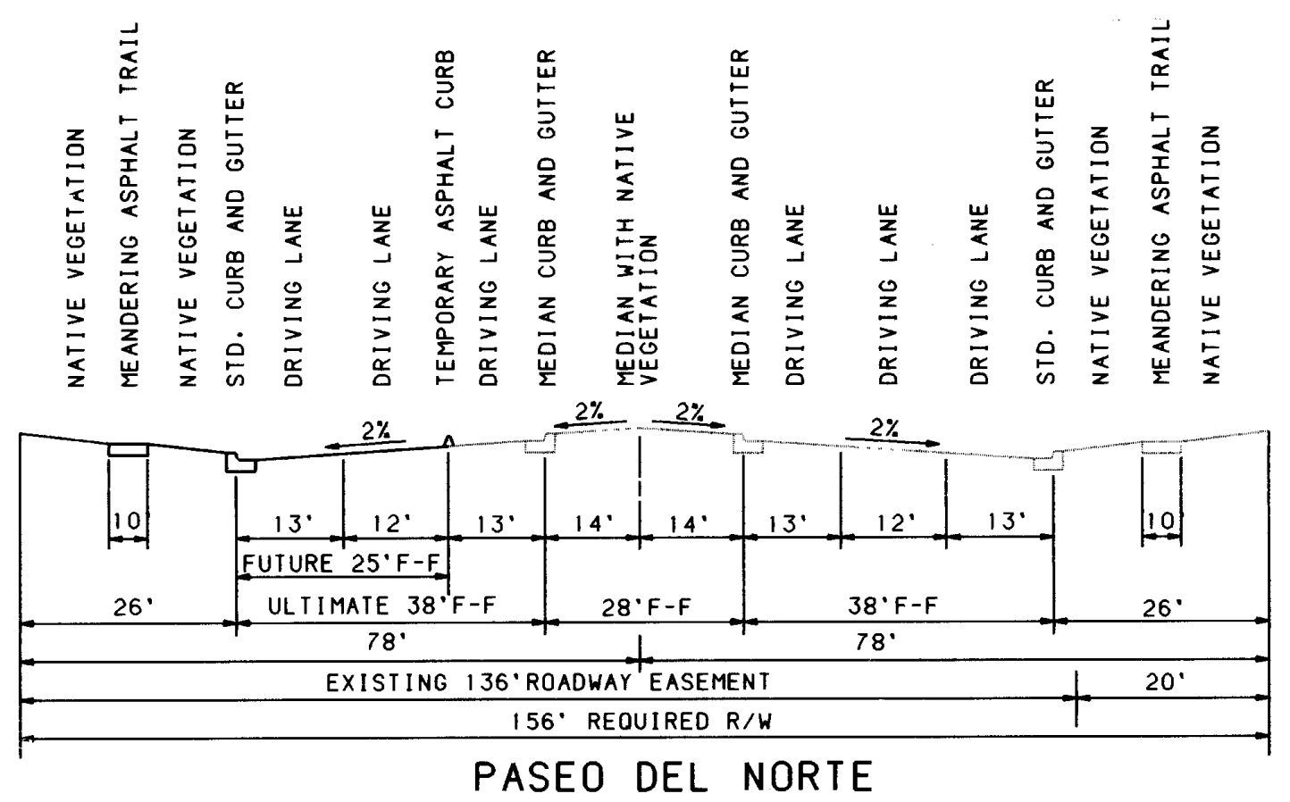
I, Tamara K. Morgan, P.E. #10995, hereby certify that grading at this site is constructed in substantial compliance with this plan, to allow the implementation of the drainage patterns and requirements identified herein, side yard drainage swales were noted during field visit prior to home construction, swales will need to be reconstructed by the builder upon completion of the home construction. As-built pad and grade elevations were verified by field survey performed under direction of David C. Clausen, P.L.S. # 6547 on 3-11-96 after completion of infrastructure construction. This statement does not represent certification of contractor's construction methods or materials.

TAMARA K. MORGAN
10995


FUTURE IRVING BLVD.
FUTURE LAS VENTANAS DR.
FUTURE RAINBOW BLVD.
UNIVERSE BLVD.
FUTURE PARADISE BLVD.
FUTURE VENTANA RANCH RD.
FUTURE PASEO DEL NORTE
SITE LOCATION
NORTH

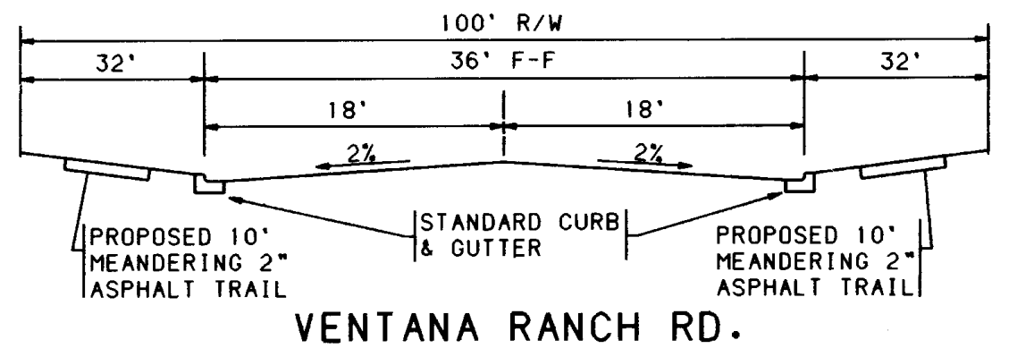
LOCATION MAP

ZONE ATLAS MAP NO. B-9, B-10
NO SCALE


NATIVE VEGETATION
MEANDERING ASPHALT TRAIL
NATIVE VEGETATION
STD. CURB AND GUTTER
DRIVING LANE
DRIVING LANE
TEMPORARY ASPHALT CURB
DRIVING LANE
MEDIAN CURB AND GUTTER
MEDIAN WITH NATIVE VEGETATION
MEDIAN CURB AND GUTTER
DRIVING LANE
DRIVING LANE
DRIVING LANE
STD. CURB AND GUTTER
NATIVE VEGETATION
MEANDERING ASPHALT TRAIL
NATIVE VEGETATION
2%
2%
2%
2%
10
13'
12'
13'
14'
14'
13'
12'
13'
10
FUTURE 25'F-F
26'
ULTIMATE 38'F-F
28'F-F
38'F-F
26'
78'
78'
EXISTING 136'ROADWAY EASEMENT
20'
156' REQUIRED R/W

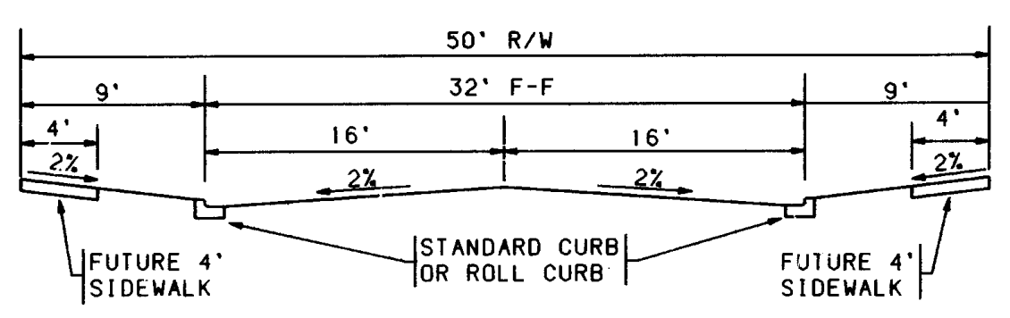
PASEO DEL NORTE
FUTURE & ULTIMATE STREET SECTION

NO SCALE (PRINCIPAL ARTERIAL)
NOTE: ACTUAL HORIZONTAL ALIGNMENT OF 10' ASPHALT TRAIL MAY VARY FROM CONCEPTUAL LAYOUT. VARYING FROM 6' BEHIND CURB TO RIGHT OF WAY LINE.


100' R/W
32'
36' F-F
32'
18'
18'
2%
2%
PROPOSED 10' MEANDERING 2" ASPHALT TRAIL
STANDARD CURB & GUTTER
PROPOSED 10' MEANDERING 2" ASPHALT TRAIL

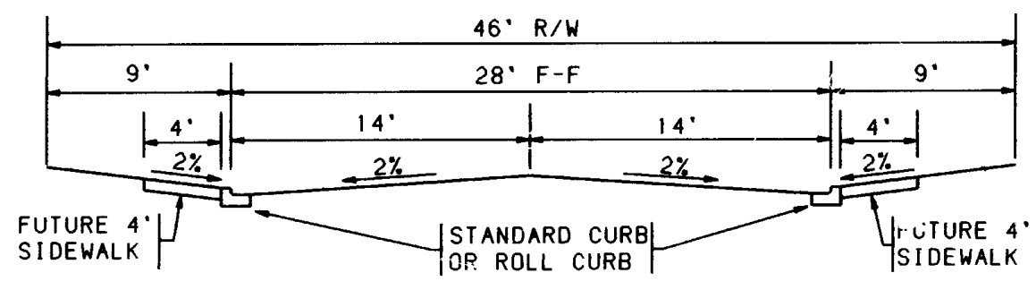
VENTANA RANCH RD.
TYPICAL STREET SECTION

NO SCALE (MAJOR LOCAL)
NOTE: ACTUAL HORIZONTAL ALIGNMENT OF 10' ASPHALT TRAIL MAY VARY FROM CONCEPTUAL LAYOUT. VARYING FROM 6' BEHIND CURB TO RIGHT OF WAY LINE.


50' R/W
9'
32' F-F
9'
4'
16'
16'
4'
2%
2%
2%
2%
FUTURE 4' SIDEWALK
STANDARD CURB OR ROLL CURB
FUTURE 4' SIDEWALK

TYPICAL 50' STREET SECTION

NO SCALE


46' R/W
9'
28' F-F
9'
4'
14'
14'
4'
2%
2%
2%
2%
FUTURE 4' SIDEWALK
STANDARD CURB OR ROLL CURB
FUTURE 4' SIDEWALK

TYPICAL 46' STREET SECTION

NO SCALE
VARIANCE REQUESTED FOR 4'SIDEWALK NEXT TO CURB

SCANNED BY LASON

BHI JOB NO. 95228A2440

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 PREPARED BY GEO-TEST, INC. DATED OCT. 13, 1994 AND APRIL 13, 1994.
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 APROVALS.
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 DETAIL THIS SHEET AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
5. ALL SPOT ELEVATIONS ARE TO TOP OF CURB UNLESS OTHERWISE NOTED. VALLEY GUTTER ELEVATIONS ARE SHOWN AT PROJECTED TOP OF CURB ELEVATION.
6. BOULDERS, GREATER THAN 3 FEET IN DIAMETER, EXCAVATED DURING GRADING ACTIVITIES SHALL BE STOCKPILED AND DISPOSED OF AT THE DISCRETION OF THE OWNER.

LEGEND

PROJECT BOUNDARY	━━━ - - -
EXISTING CONTOUR	┄┄┄
EXISTING SPOT ELEVATION	○25.5
PROPOSED SPOT ELEVATION	●36.6
DIRECTION OF FLOW	S=2.564% →
BASIN BOUNDARY	━━━
SUB-BASIN BOUNDARY	━━━
PROPOSED RETAINING WALL	━━━
PROPOSED GARDEN WALL	═══
EXISTING STORM DRAIN LINE	— —SD— —
EXISTING STORM DRAIN MANHOLE	◎
EXISTING STORM DRAIN INLET	▫
PROPOSED STORM DRAIN LINE	——SD——
PROPOSED STORM DRAIN MANHOLE	◎
PROPOSED STORM DRAIN INLET	▭

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

APPROVED FOR ROUGH GRADING (± 1')

Susan Calongne 1-19-96
HYDROLOGY ENGINEER DATE

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH - TRACT 7A & 7B
PRELIMINARY GRADING PLAN

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET 40 OF
5316 XXXX.XX	B9.B10	4 4

COPYRIGHT BOHANNAN-HUSTON, INC.
DATE: NOVEMBER 1995

NO.	DATE	REMARKS	BY
1	1/18/96	ADD SD SIZES, CORRECTED STREET NAMES	PLL

REVISIONS

DESIGN		
DESIGNED BY	PLL/TKM	DATE 9/95
DRAWN BY	PLL/TSG	DATE 9/95
CHECKED BY	TKM	DATE 9/95

ENGINEER'S SEAL

1/15/96 Tamara K. Morgan

SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X =357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
$\Delta\alpha$= -00°16'30"
NGVD 1929 ELEVATION = 5419.522

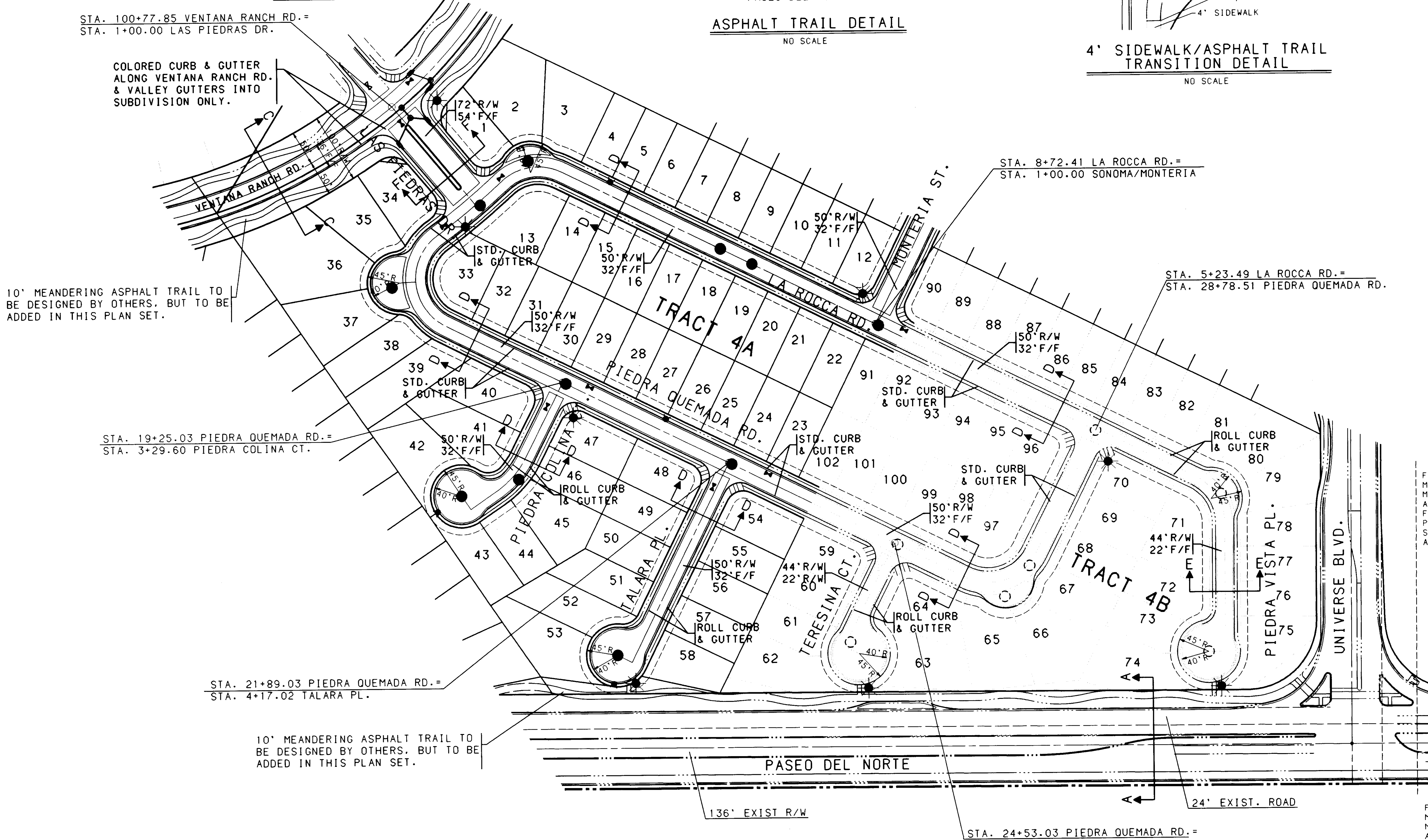
AS-BUILT INFORMATION

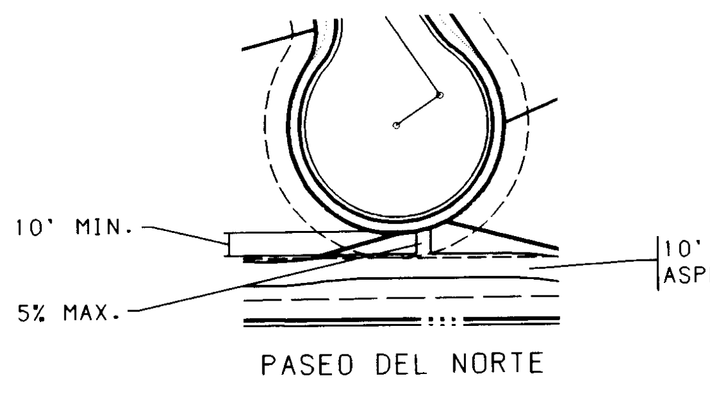
CONTRACTOR	Sparling Const.
WORK STAKED BY	Sparling Const.
INSPECTOR'S ACCEPTANCE BY	D.A. DATE 12/96
FIELD VERIFICATION BY	Sparling DATE 12/96
DRAWINGS CORRECTED BY	Sparling DATE 12/96

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

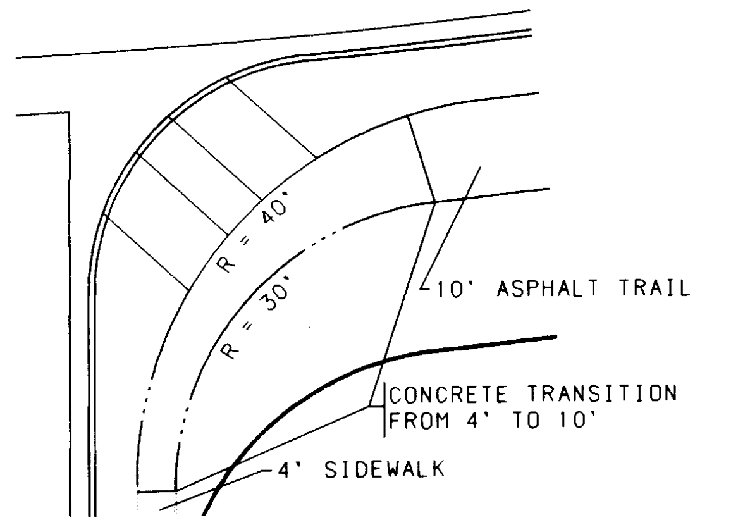
NOTE:
FOR STORM DRAIN INFO
SEE SHEET 32A OF 33


STA. 100+77.85 VENTANA RANCH RD.=
STA. 1+00.00 LAS PIEDRAS DR.
COLORED CURB & GUTTER ALONG VENTANA RANCH RD. & VALLEY GUTTERS INTO SUBDIVISION ONLY.
10' MEANDERING ASPHALT TRAIL TO BE DESIGNED BY OTHERS, BUT TO BE ADDED IN THIS PLAN SET.
VENTANA RANCH RD.
LAS PIEDRAS DR.
72' R/W
54' F/F
STD. CURB & GUTTER
50' R/W
32' F/F
TRACT 4A
LA ROCCA RD.
PIEDRA QUEMADA RD.
PIEDRA COLINA CT.
TALARA PL.
TERESINA CT.
MONTERIA ST.
PIEDRA VISTA PL.
UNIVERSE BLVD.
TRACT 4B
STA. 8+72.41 LA ROCCA RD.=
STA. 1+00.00 SONOMA/MONTERIA
STA. 5+23.49 LA ROCCA RD.=
STA. 28+78.51 PIEDRA QUEMADA RD.
STA. 19+25.03 PIEDRA QUEMADA RD.=
STA. 3+29.60 PIEDRA COLINA CT.
ROLL CURB & GUTTER
44' R/W
22' F/F
22' R/W
45' R
40' R
STA. 21+89.03 PIEDRA QUEMADA RD.=
STA. 4+17.02 TALARA PL.
10' MEANDERING ASPHALT TRAIL TO BE DESIGNED BY OTHERS, BUT TO BE ADDED IN THIS PLAN SET.
PASEO DEL NORTE
136' EXIST R/W
24' EXIST. ROAD
STA. 24+53.03 PIEDRA QUEMADA RD.=
STA. 2+64.54 TERESINA CT.
A
C
D
E
F


10' MIN.
5% MAX.
10' MEANDERING ASPHALT TRAIL
PASEO DEL NORTE

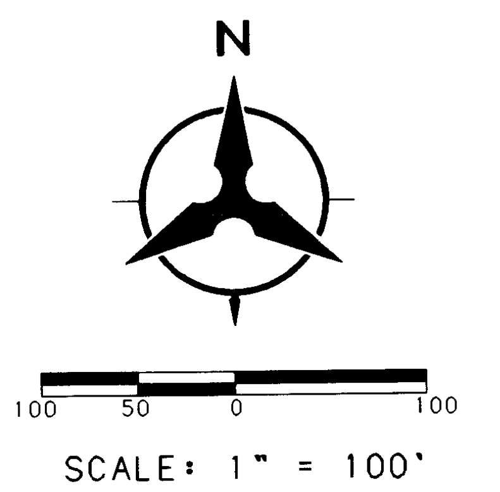
ASPHALT TRAIL DETAIL

NO SCALE


R = 40'
R = 30'
10' ASPHALT TRAIL
CONCRETE TRANSITION FROM 4' TO 10'
4' SIDEWALK

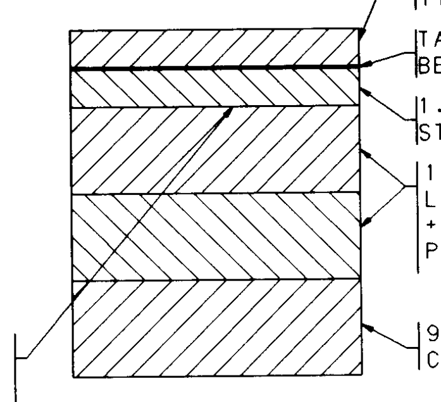
4' SIDEWALK/ASPHALT TRAIL TRANSITION DETAIL

NO SCALE


N
100
50
0
100
SCALE: 1" = 100'

LEGEND

PROJECT BOUNDARY	—◆—◆
TRACT BOUNDARY	——
PROPOSED CURB & GUTTER	═
FUTURE CURB & GUTTER	┈
FUTURE SIDEWALK	┈
PROPOSED SANITARY SEWER MANHOLE	●
FUTURE SANITARY SEWER MANHOLE	○
PROPOSED FIRE HYDRANT	◖
EXISTING FIRE HYDRANT	◎
PROPOSED GATE VALVE	⧓
FUTURE GATE VALVE	⋈
PROPOSED STORM DRAIN LINE	—SD—
PROPOSED STORM DRAIN MANHOLE	◎
PROPOSED STORM DRAIN INLET	▬
EXISTING STORM DRAIN LINE	—SD—
EXISTING STORM DRAIN MANHOLE	◎
EXISTING STORM DRAIN INLET	▫
CROWN FLATTENING	▨
PROPOSED STREET LIGHT	—✳



1.5" ASPHALT CONCRETE TYPICAL FINISH COURSE PLACED AFTER ALL MANHOLE & VALVE COVERS/RINGS ARE SET TO GRADE. 1500 LBS. STABILITY. TYPE B GRADATION.

TACK COAT AS REQUIRED BY THE ENGINEER BETWEEN ALL ASPHALT/AGGREGATE MATERIAL LIFTS.

1.5" ASPHALT CONCRETE, 1500 LBS STABILITY, TYPE B GRADATION.

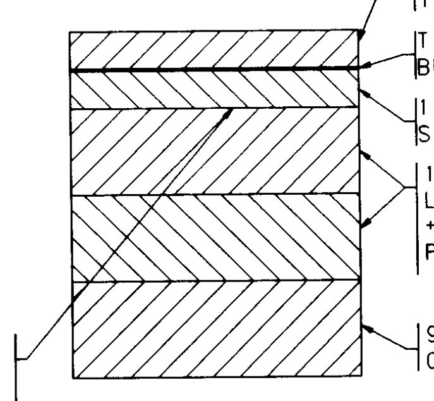
1' SUBGRADE SOIL. R-VALUE>60. PLACED IN 2-6" LIFTS. 95% MIN. COMPACTION, AT OPT. MOISTURE +/-2.0%, ASTM D698 FOR SOIL w/ 35% OR MORE PASSING THE 200 SIEVE.

90% MINIMUM COMPACTION

FINISH SURFACES OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT THE COMPACTION MOISTURE RANGE, OR A PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT/FINAL SURFACING IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION ARE COMPLETED.

VENTANA RANCH ROAD (EAST) PAVEMENT SECTION

NO SCALE (MAJOR LOCAL & RESIDENTIAL)
NOTE: REFER TO COA STD DWG 2405, EXCEPT THAT TYPE B GRADATION SHALL BE USED.



1.5" ASPHALT CONCRETE TYPICAL FINISH COURSE PLACED AFTER ALL MANHOLE & VALVE COVERS/RINGS ARE SET TO GRADE. 1500 LBS. STABILITY. TYPE B GRADATION.

TACK COAT AS REQUIRED BY THE ENGINEER BETWEEN ALL ASPHALT/AGGREGATE MATERIAL LIFTS.

1.5" ASPHALT CONCRETE, 1500 LBS STABILITY, TYPE B GRADATION.

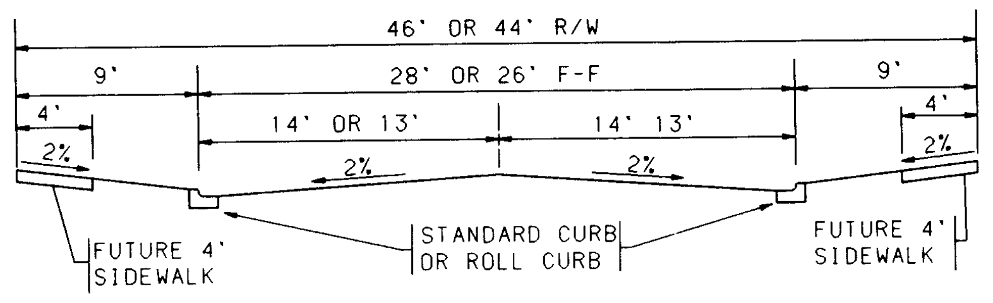
1' SUBGRADE SOIL. R-VALUE>50. PLACED IN 2-6" LIFTS. 95% MIN. COMPACTION, AT OPT. MOISTURE +/-2.0%, ASTM D698 FOR SOIL w/ 35% OR MORE PASSING THE 200 SIEVE.

90% MINIMUM COMPACTION

FINISH SURFACES OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT THE COMPACTION MOISTURE RANGE, OR A PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT/FINAL SURFACING IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION ARE COMPLETED.

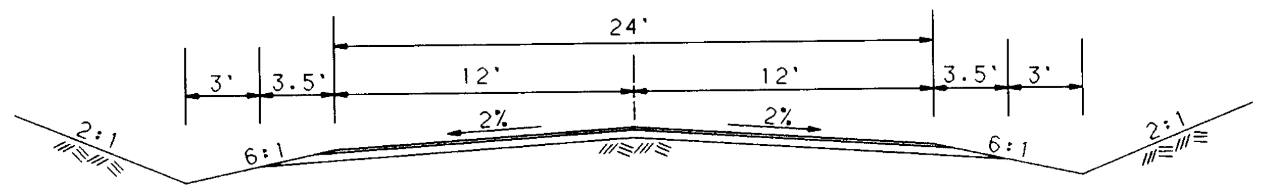
TYPICAL RESIDENTIAL SUBDIVISION PAVEMENT SECTION

NO SCALE (MAJOR LOCAL & RESIDENTIAL)
NOTE: REFER TO COA STD DWG 2405, EXCEPT THAT TYPE B GRADATION SHALL BE USED.


46' OR 44' R/W
9'
28' OR 26' F-F
9'
4'
14' OR 13'
14' 13'
4'
2%
2%
2%
2%
FUTURE 4' SIDEWALK
STANDARD CURB OR ROLL CURB
FUTURE 4' SIDEWALK

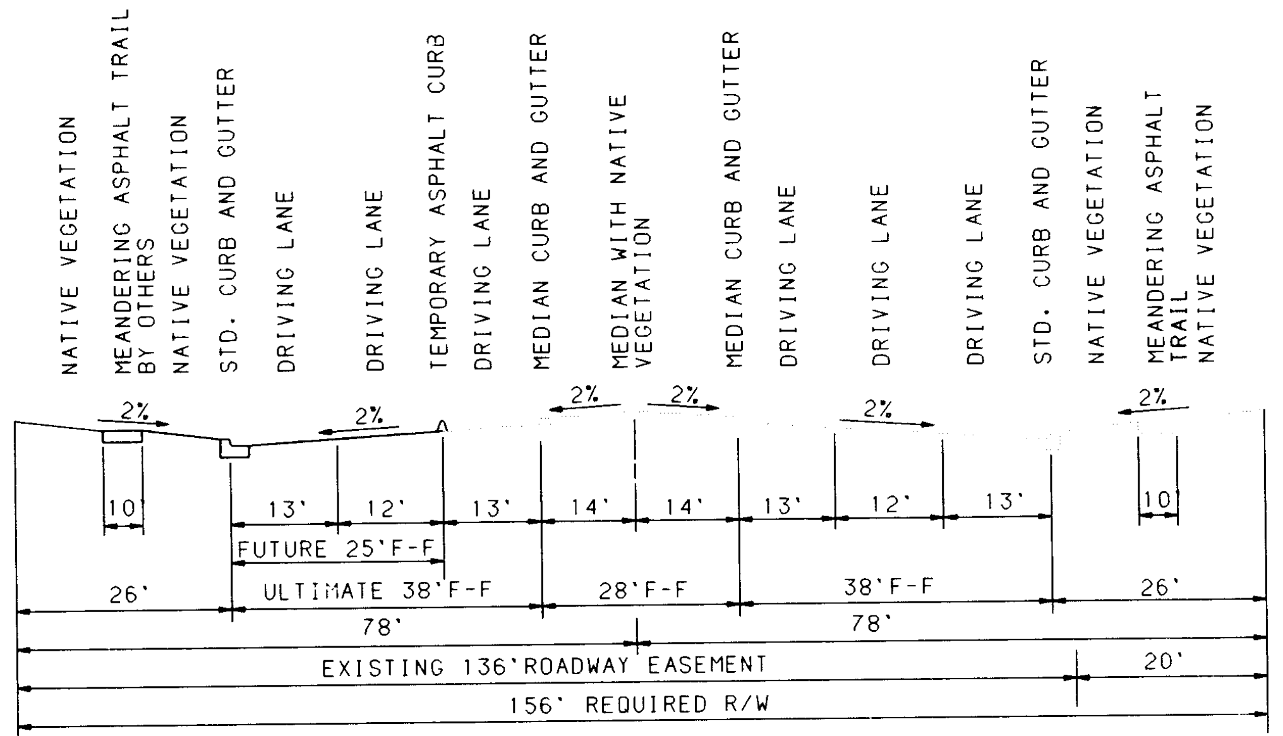
TYPICAL 46' OR 44' RESIDENTIAL STREET SECTION E-E

NO SCALE


24'
3'
3.5'
12'
12'
3.5'
3'
2:1
6:1
2%
2%
6:1
2:1

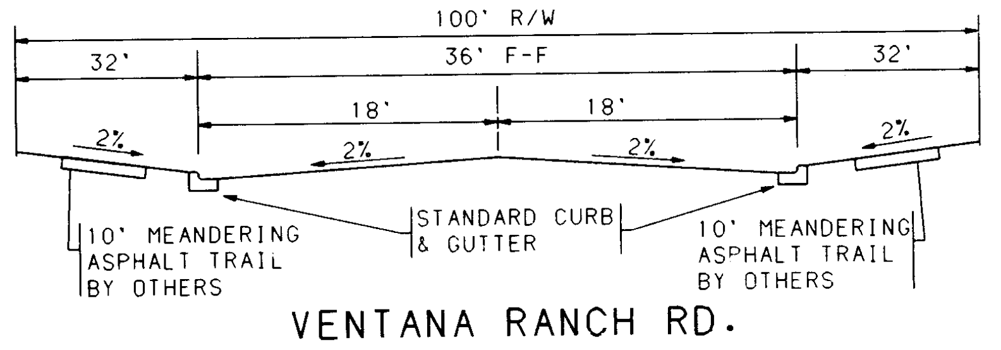
EXISTING PASEO DEL NORTE STREET SECTION

NO SCALE


NATIVE VEGETATION
MEANDERING ASPHALT TRAIL BY OTHERS
NATIVE VEGETATION
STD. CURB AND GUTTER
DRIVING LANE
DRIVING LANE
TEMPORARY ASPHALT CURB
DRIVING LANE
MEDIAN CURB AND GUTTER
MEDIAN WITH NATIVE VEGETATION
MEDIAN CURB AND GUTTER
DRIVING LANE
DRIVING LANE
DRIVING LANE
STD. CURB AND GUTTER
NATIVE VEGETATION
MEANDERING ASPHALT TRAIL
NATIVE VEGETATION
2%
2%
2%
2%
2%
2%
10'
13'
12'
13'
14'
14'
13'
12'
13'
10'
FUTURE 25' F-F
26'
ULTIMATE 38' F-F
28' F-F
38' F-F
26'
78'
78'
EXISTING 136' ROADWAY EASEMENT
20'
156' REQUIRED R/W

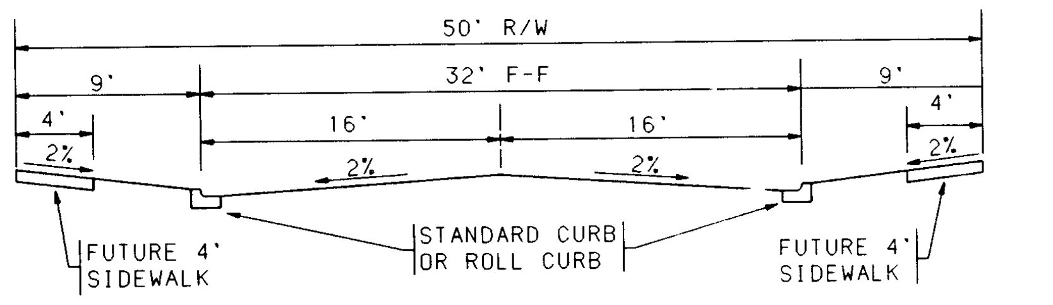
PASEO DEL NORTE
FUTURE & ULTIMATE STREET SECTION A-A

NO SCALE (PRINCIPAL ARTERIAL)
NOTE: ACTUAL HORIZONTAL ALIGNMENT OF 10' ASPHALT TRAIL MAY VARY FROM CONCEPTUAL LAYOUT. VARYING FROM 6' BEHIND CURB TO RIGHT OF WAY LINE.


100' R/W
32'
36' F-F
32'
18'
18'
2%
2%
2%
2%
10' MEANDERING ASPHALT TRAIL BY OTHERS
STANDARD CURB & GUTTER
10' MEANDERING ASPHALT TRAIL BY OTHERS

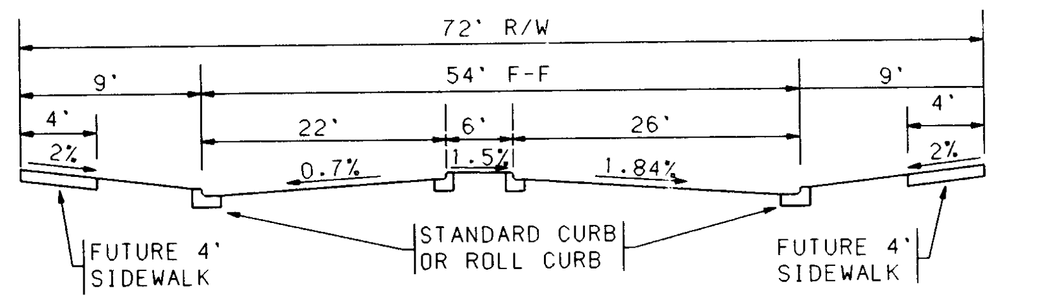
VENTANA RANCH RD.
TYPICAL STREET SECTION C-C

NO SCALE (MAJOR LOCAL)
NOTE: ACTUAL HORIZONTAL ALIGNMENT OF 10' ASPHALT TRAIL MAY VARY FROM CONCEPTUAL LAYOUT. VARYING FROM 6' BEHIND CURB TO RIGHT OF WAY LINE.


50' R/W
9'
32' F-F
9'
4'
16'
16'
4'
2%
2%
2%
2%
FUTURE 4' SIDEWALK
STANDARD CURB OR ROLL CURB
FUTURE 4' SIDEWALK

TYPICAL 50' RESIDENTIAL STREET SECTION D-D

NO SCALE


72' R/W
9'
54' F-F
9'
4'
22'
6'
26'
4'
2%
0.7%
1.5%
1.84%
2%
FUTURE 4' SIDEWALK
STANDARD CURB OR ROLL CURB
FUTURE 4' SIDEWALK

TYPICAL 72' RESIDENTIAL STREET SECTION F-F

NO SCALE

26-5316.91-0517

AS-BUILT INFORMATION
CONTRACTOR Sparling Const.
WORK STAKED BY Sparling Const.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY Sparling DATE 12/96
DRAWINGS CORRECTED BY Sparling DATE 12/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

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

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
SAMARA K. #10905 NEW MEXICO REGISTERED

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY TKM DATE 2/96
DRAWN BY BS/PEB DATE 2/96
CHECKED BY TKM DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH - TRACT 4A
OVERALL PAVING

B.J.B. 5/29/96

CITY ENGINEER APPROVAL

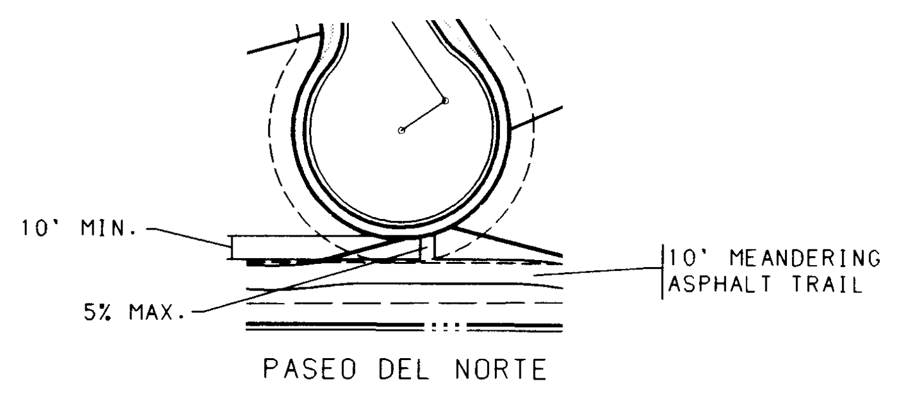
LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. 5316.91
ZONE MAP NO. B9.B10
SHEET 5 OF 33

BHI JOB NO. 95228A2440

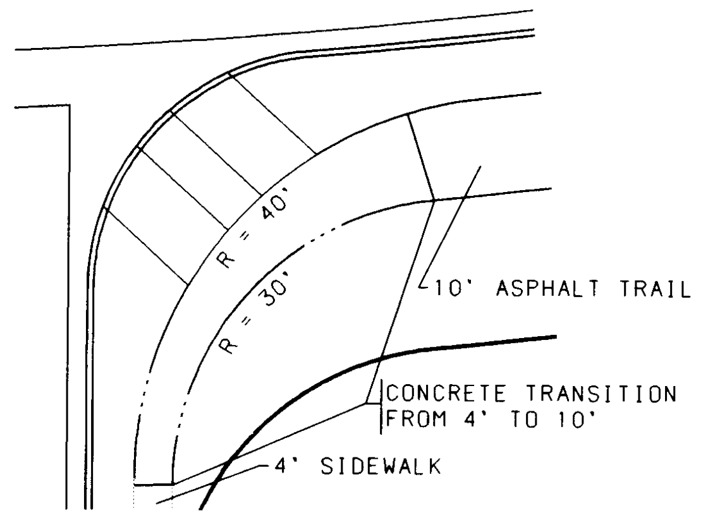
DATE: MARCH, 1996

USERNAME: CDP5:[C9526201.TRACT4-7.PAD]PAVING-T4.GRF


10' MIN.
5% MAX.
10' MEANDERING ASPHALT TRAIL
PASEO DEL NORTE

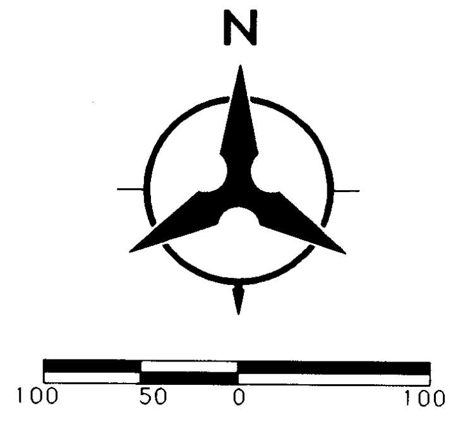
ASPHALT TRAIL DETAIL

NO SCALE


R = 40'
R = 30'
10' ASPHALT TRAIL
CONCRETE TRANSITION FROM 4' TO 10'
4' SIDEWALK

4' SIDEWALK/ASPHALT TRAIL TRANSITION DETAIL

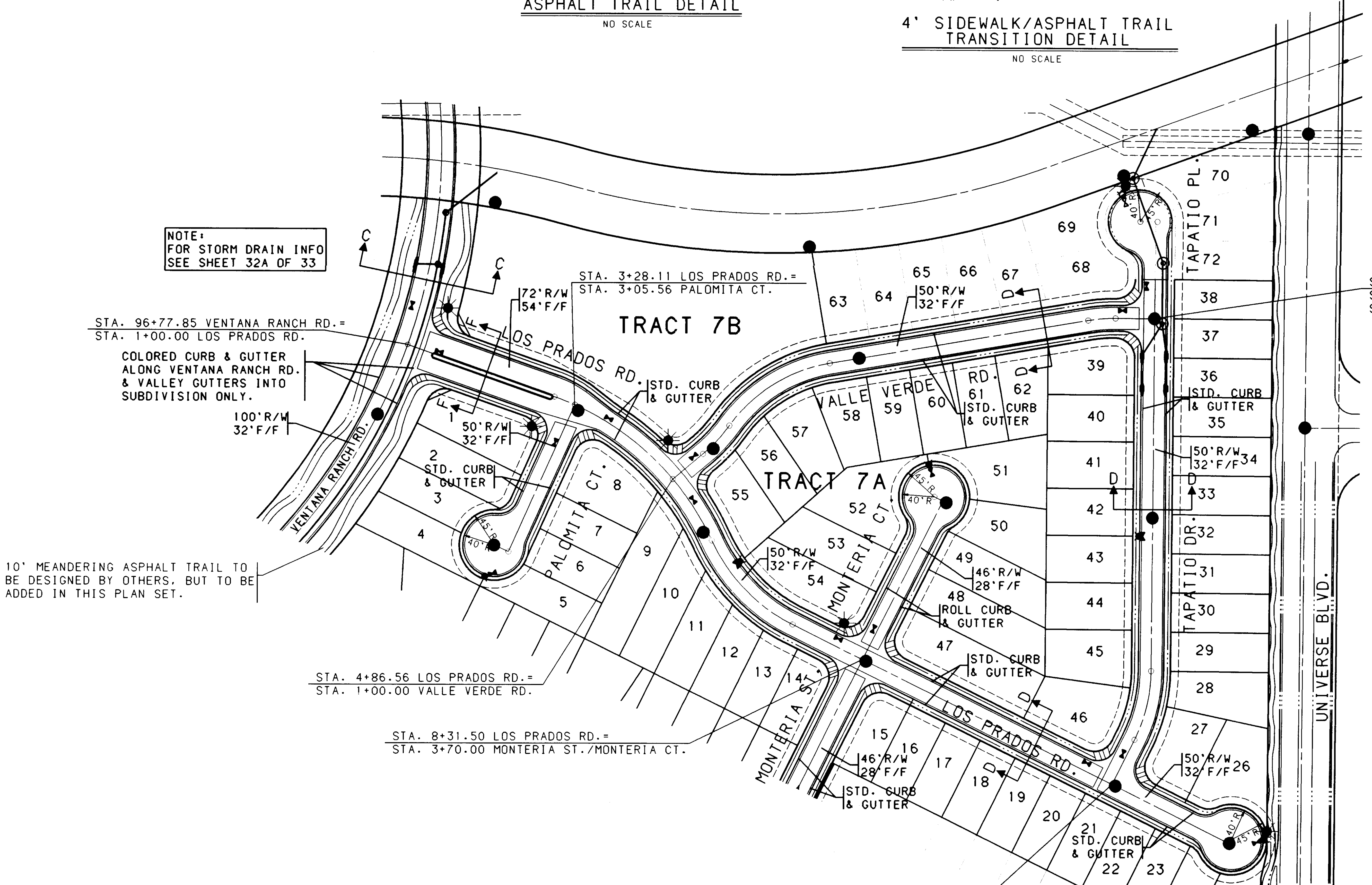
NO SCALE

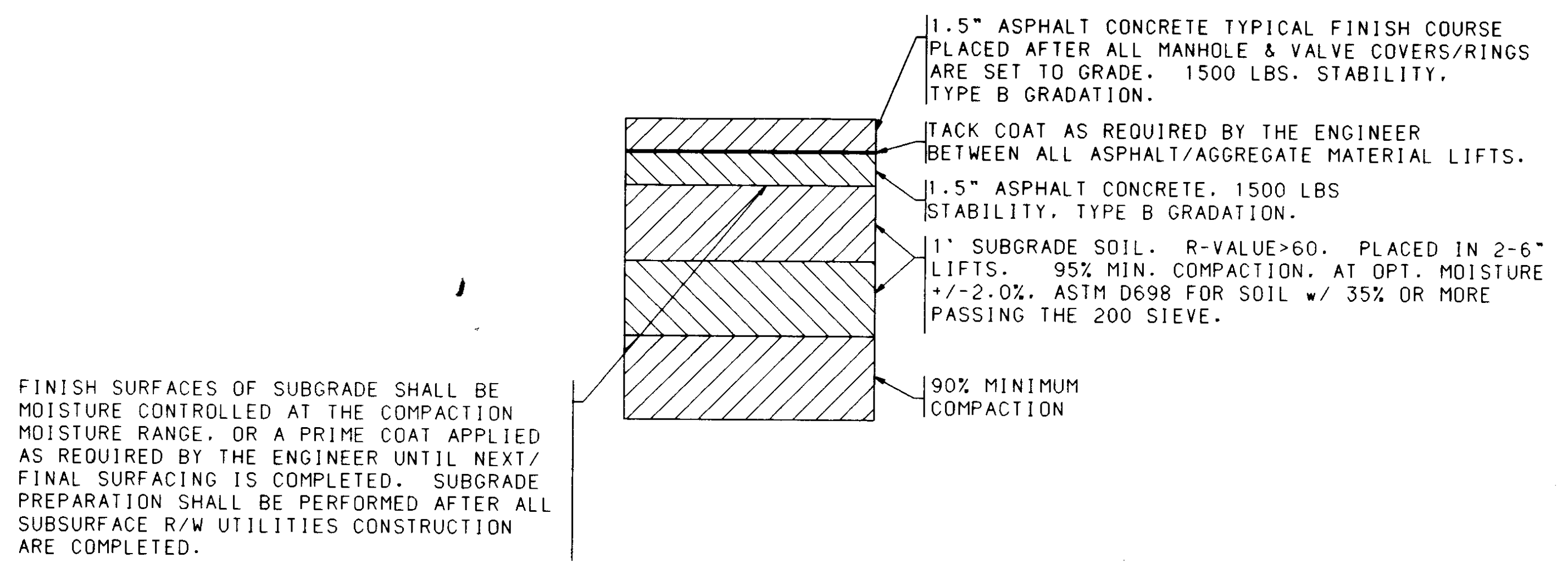

N
100
50
0
100

SCALE: 1" = 100'

LEGEND

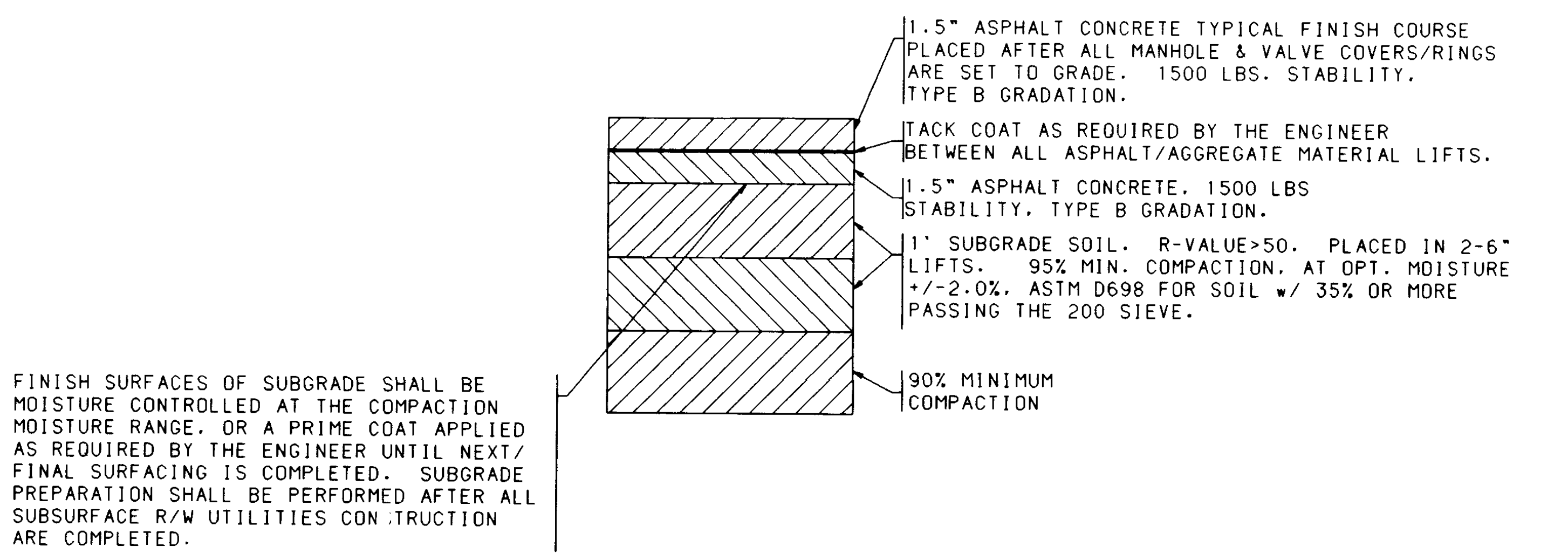
PROJECT BOUNDARY	─◆─◆
TRACT BOUNDARY	━━
PROPOSED CURB & GUTTER	═
FUTURE CURB & GUTTER	┄
FUTURE SIDEWALK	┄
PROPOSED SANITARY SEWER MANHOLE	●
FUTURE SANITARY SEWER MANHOLE	○
PROPOSED FIRE HYDRANT	◀
EXISTING FIRE HYDRANT	◎
PROPOSED GATE VALVE	⧓
FUTURE GATE VALVE	⋈
PROPOSED STORM DRAIN LINE	—SD—
PROPOSED STORM DRAIN MANHOLE	◎
PROPOSED STORM DRAIN INLET	▬
EXISTING STORM DRAIN LINE	—SD—
EXISTING STORM DRAIN MANHOLE	◎
EXISTING STORM DRAIN INLET	▫
CROWN FLATTENING	▨
PROPOSED STREET LIGHT	✱


NOTE:
FOR STORM DRAIN INFO
SEE SHEET 32A OF 33
C
C
STA. 96+77.85 VENTANA RANCH RD.=
STA. 1+00.00 LOS PRADOS RD.
COLORED CURB & GUTTER
ALONG VENTANA RANCH RD.
& VALLEY GUTTERS INTO
SUBDIVISION ONLY.
100'R/W
32'F/F
VENTANA RANCH RD.
10' MEANDERING ASPHALT TRAIL TO
BE DESIGNED BY OTHERS, BUT TO BE
ADDED IN THIS PLAN SET.
72'R/W
54'F/F
STA. 3+28.11 LOS PRADOS RD.=
STA. 3+05.56 PALOMITA CT.
TRACT 7B
LOS PRADOS RD.
STD. CURB
& GUTTER
50'R/W
32'F/F
STD. CURB
& GUTTER
PALOMITA CT.
45'R
40'R
1
2
3
4
5
6
7
8
9
10
11
12
13
14
STA. 4+86.56 LOS PRADOS RD.=
STA. 1+00.00 VALLE VERDE RD.
STA. 8+31.50 LOS PRADOS RD.=
STA. 3+70.00 MONTERIA ST./MONTERIA CT.
63
64
65
66
67
68
69
70
71
72
50'R/W
32'F/F
VALLE VERDE RD.
55
56
57
58
59
60
61
62
STD. CURB
& GUTTER
TRACT 7A
51
52
53
54
50'R/W
32'F/F
MONTERIA CT.
45'R
40'R
50
49
46'R/W
28'F/F
48
ROLL CURB
& GUTTER
47
STD. CURB
& GUTTER
39
40
41
42
43
44
45
46
D
D
D
D
D
D
D
TAPATIO PL.
TAPATIO DR.
38
37
36
STD. CURB
& GUTTER
35
50'R/W
32'F/F
34
33
32
31
30
29
28
27
26
50'R/W
32'F/F
40'R
45'R
STA. 7+72.35 VALLE VERDE RD.=
STA. 7+04.43 TAPATIO DR. (TRACT 7A)=
STA. 1+00.00 TAPATIO PL. (TRACT 7B)
UNIVERSE BLVD.
MONTERIA ST.
LOS PRADOS RD.
15
16
17
18
19
20
21
22
23
24
25
46'R/W
28'F/F
STD. CURB
& GUTTER
STD. CURB
& GUTTER
STA. 11+86.50 LOS PRADOS RD.=
STA. 1+00.00 TAPATIO PL.


1.5" ASPHALT CONCRETE TYPICAL FINISH COURSE PLACED AFTER ALL MANHOLE & VALVE COVERS/RINGS ARE SET TO GRADE. 1500 LBS. STABILITY. TYPE B GRADATION.
TACK COAT AS REQUIRED BY THE ENGINEER BETWEEN ALL ASPHALT/AGGREGATE MATERIAL LIFTS.
1.5" ASPHALT CONCRETE. 1500 LBS STABILITY. TYPE B GRADATION.
1' SUBGRADE SOIL. R-VALUE>60. PLACED IN 2-6" LIFTS. 95% MIN. COMPACTION. AT OPT. MOISTURE +/-2.0%. ASTM D698 FOR SOIL w/ 35% OR MORE PASSING THE 200 SIEVE.
90% MINIMUM COMPACTION
FINISH SURFACES OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT THE COMPACTION MOISTURE RANGE. OR A PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT/ FINAL SURFACING IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION ARE COMPLETED.

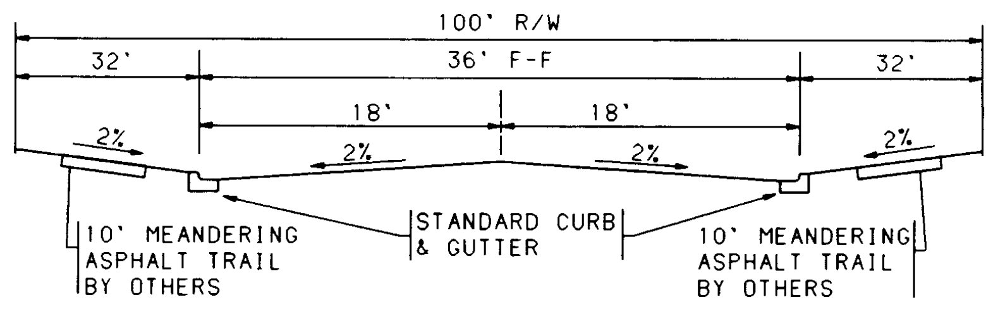
VENTANA RANCH ROAD PAVEMENT SECTION

NO SCALE (MAJOR LOCAL & RESIDENTIAL)
NOTE: REFER TO COA STD DWG 2405. EXCEPT THAT TYPE B GRADATION SHALL BE USED.


1.5" ASPHALT CONCRETE TYPICAL FINISH COURSE PLACED AFTER ALL MANHOLE & VALVE COVERS/RINGS ARE SET TO GRADE. 1500 LBS. STABILITY. TYPE B GRADATION.
TACK COAT AS REQUIRED BY THE ENGINEER BETWEEN ALL ASPHALT/AGGREGATE MATERIAL LIFTS.
1.5" ASPHALT CONCRETE. 1500 LBS STABILITY. TYPE B GRADATION.
1' SUBGRADE SOIL. R-VALUE>50. PLACED IN 2-6" LIFTS. 95% MIN. COMPACTION. AT OPT. MOISTURE +/-2.0%. ASTM D698 FOR SOIL w/ 35% OR MORE PASSING THE 200 SIEVE.
90% MINIMUM COMPACTION
FINISH SURFACES OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT THE COMPACTION MOISTURE RANGE. OR A PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT/ FINAL SURFACING IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION ARE COMPLETED.

TYPICAL RESIDENTIAL SUBDIVISION PAVEMENT SECTION

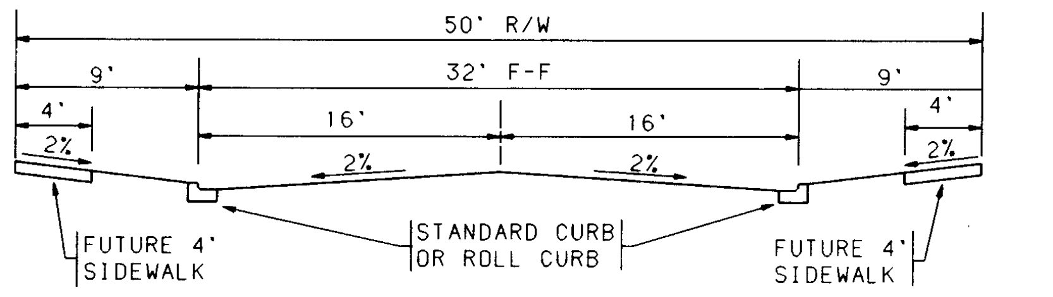
NO SCALE (MAJOR LOCAL & RESIDENTIAL)
NOTE: REFER TO COA STD DWG 2405. EXCEPT THAT TYPE B GRADATION SHALL BE USED.


100' R/W
32'
36' F-F
32'
18'
18'
2%
2%
2%
2%
10' MEANDERING ASPHALT TRAIL BY OTHERS
STANDARD CURB & GUTTER
10' MEANDERING ASPHALT TRAIL BY OTHERS

VENTANA RANCH RD.
TYPICAL STREET SECTION C-C

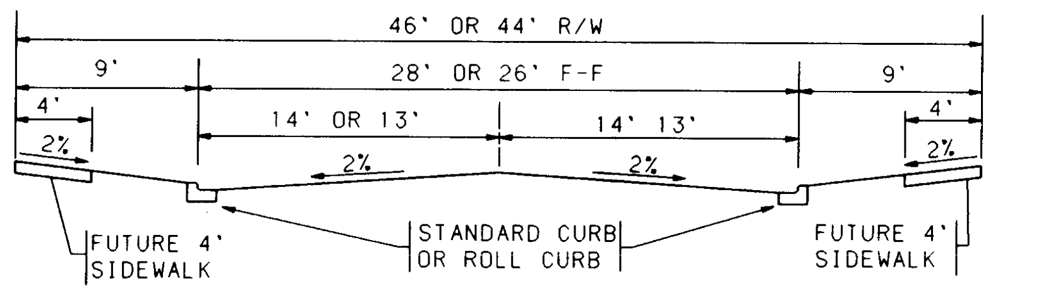
NO SCALE (MAJOR LOCAL)

NOTE: ACTUAL HORIZONTAL ALIGNMENT OF 10' ASPHALT TRAIL MAY VARY FROM CONCEPTUAL LAYOUT. VARYING FROM 6' BEHIND CURB TO RIGHT OF WAY LINE.


50' R/W
9'
32' F-F
9'
4'
16'
16'
4'
2%
2%
2%
2%
FUTURE 4' SIDEWALK
STANDARD CURB OR ROLL CURB
FUTURE 4' SIDEWALK

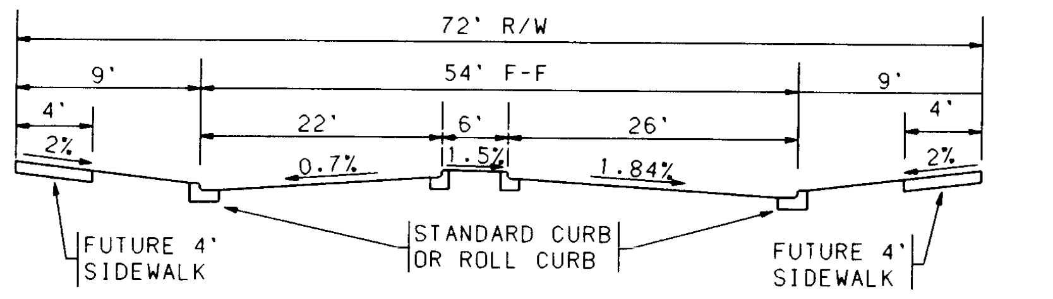
TYPICAL 50' RESIDENTIAL STREET SECTION D-D

NO SCALE


46' OR 44' R/W
9'
28' OR 26' F-F
9'
4'
14' OR 13'
14' 13'
4'
2%
2%
2%
2%
FUTURE 4' SIDEWALK
STANDARD CURB OR ROLL CURB
FUTURE 4' SIDEWALK

TYPICAL 46' OR 44' RESIDENTIAL STREET SECTION E-E

NO SCALE


72' R/W
9'
54' F-F
9'
4'
22'
6'
26'
4'
2%
0.7%
1.5%
1.84%
2%
FUTURE 4' SIDEWALK
STANDARD CURB OR ROLL CURB
FUTURE 4' SIDEWALK

TYPICAL 72' RESIDENTIAL STREET SECTION F-F

NO SCALE

AS-BUILT INFORMATION

CONTRACTOR Sparling Const.
WORK STAKED BY Sparling Const.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY Sparling DATE 12/96
DRAWINGS CORRECTED BY Sparling DATE 12/96

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X =357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
Δα= -00°16'30"
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION

FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

REVISIONS

NO.	DATE	REMARKS	BY

DESIGN		DATE
DESIGNED BY	TKM	2/96
DRAWN BY	BS/PEB	2/96
CHECKED BY	TKM	2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH - TRACT 7A
OVERALL PAVING

B.J.B.
5/29/96

CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

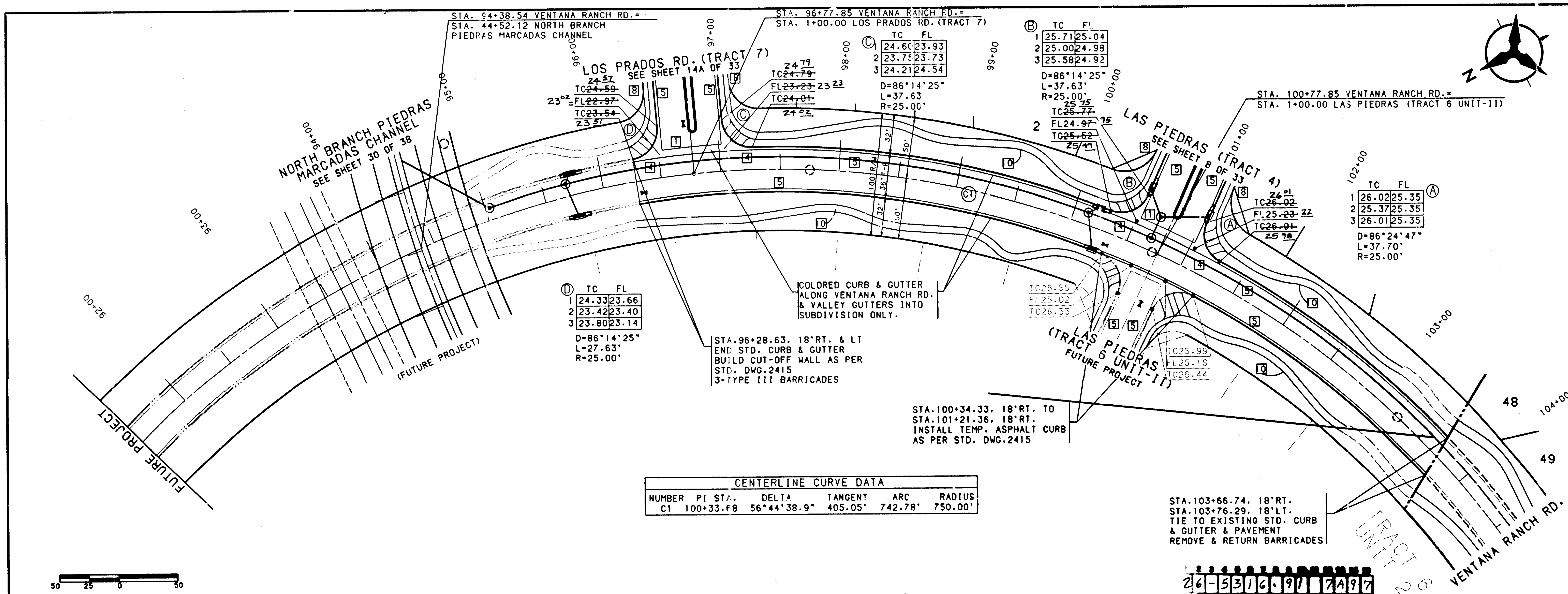
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	6	33

BHI JOB NO. 95228A2440

DATE: MARCH, 1996

261-5316-91 14697

SCANNED BY LASON

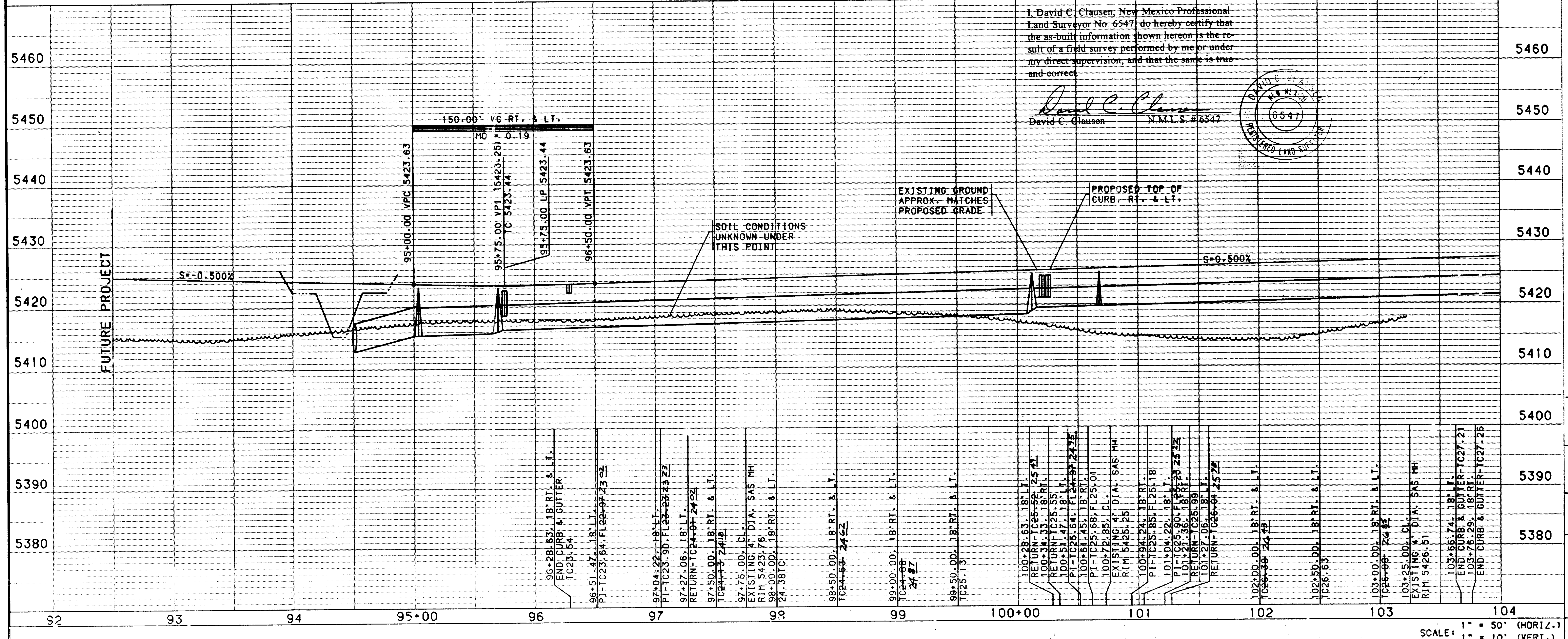

STA. 94+38.54 VENTANA RANCH RD.=
STA. 44+52.12 NORTH BRANCH
PIEDRAS MARCADAS CHANNEL
STA. 96+77.85 VENTANA RANCH RD.=
STA. 1+00.00 LOS PRADOS RD. (TRACT 7)
LOS PRADOS RD. (TRACT 7)
SEE SHEET 14A OF 33
NORTH BRANCH PIEDRAS
MARCADAS CHANNEL
SEE SHEET 30 OF 38
(FUTURE PROJECT)
FUTURE PROJECT
92+00
93+00
94+00
95+00
96+00
97+00
98+00
99+00
100+00
101+00
102+00
103+00
104+00
TC~~24.59~~ 24.57
23.02 = FL~~22.97~~
TC~~23.54~~ 23.51
TC~~24.79~~ 24.79
FL~~23.23~~ 23.23
TC~~24.01~~ 24.02
Ⓒ TC FL
1 24.60 23.93
2 23.75 23.73
3 24.21 24.54
D=86°14'25"
L=37.63
R=25.00'
Ⓑ TC FL
1 25.71 25.04
2 25.00 24.98
3 25.58 24.92
D=86°14'25"
L=37.63'
R=25.00'
TC~~25.77~~ 25.75
FL24.~~97~~ 95
TC~~25.52~~ 25.49
2
Ⓓ TC FL
1 24.33 23.66
2 23.42 23.40
3 23.80 23.14
D=86°14'25"
L=27.63'
R=25.00'
100' R/W
36' F-F
32'
50'
C1
COLORED CURB & GUTTER
ALONG VENTANA RANCH RD.
& VALLEY GUTTERS INTO
SUBDIVISION ONLY.
STA.96+28.63. 18'RT. & LT
END STD. CURB & GUTTER
BUILD CUT-OFF WALL AS PER
STD. DWG.2415
3-TYPE III BARRICADES
STA. 100+77.85 VENTANA RANCH RD.=
STA. 1+00.00 LAS PIEDRAS (TRACT 6 UNIT-II)
LAS PIEDRAS
SEE SHEET 8 OF 33
(TRACT 4)
TC~~26.02~~ 26.01
FL~~25.23~~ 22
TC~~26.01~~ 25.98
TC FL Ⓐ
1 26.02 25.35
2 25.37 25.35
3 26.01 25.35
D=86°24'47"
L=37.70'
R=25.00'
TC25.55
FL25.02
TC26.33
TC25.99
FL25.18
TC26.44
LAS PIEDRAS
(TRACT 6 UNIT-II)
FUTURE PROJECT
STA.100+34.33. 18'RT. TO
STA.101+21.36. 18'RT.
INSTALL TEMP. ASPHALT CURB
AS PER STD. DWG.2415
STA.103+66.74. 18'RT.
STA.103+76.29. 18'LT.
TIE TO EXISTING STD. CURB
& GUTTER & PAVEMENT
REMOVE & RETURN BARRICADES
TRACT 6
UNIT 2
48
49
VENTANA RANCH RD.
Z

CENTERLINE CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	100+33.68	56°44'38.9"	405.05'	742.78'	750.00'

26-5316.91 7A97

50 25 0 50
SCALE: 1" = 50'
(HORIZ.)

VENTANA RANCH ROAD


5460
5450
5440
5430
5420
5410
5400
5390
5380
FUTURE PROJECT
S=-0.300%
S=0.500%
150.00' VC RT. & LT.
MO = 0.19
95+00.00 VPC 5423.63
95+75.00 VPI (5423.25)
TC 5423.44
95+75.00 LP 5423.44
96+50.00 VPT 5423.63
SOIL CONDITIONS
UNKNOWN UNDER
THIS POINT
EXISTING GROUND
APPROX. MATCHES
PROPOSED GRADE
PROPOSED TOP OF
CURB, RT. & LT.
96+28.63. 18'RT. & LT.
END CURB & GUTTER
TC23.54
96+51.47. 18'LT.
PI-TC23.64, FL~~22.97~~ 23.02
97+04.22. 18'LT.
PI-TC23.90, FL~~23.23~~ 23.23
97+27.06. 18'LT.
RETURN-TC~~24.01~~ 24.02
97+50.00. 18'RT. & LT.
TC~~24.13~~ 24.18
97+75.00. CL.
EXISTING 4' DIA. SAS MH
RIM 5423.76
98+00.00. 18'RT. & LT.
24.38TC
98+50.00. 18'RT. & LT.
TC~~24.63~~ 24.62
99+00.00. 18'RT. & LT.
TC~~24.88~~ 24.87
99+50.00. 18'RT. & LT.
TC25.13
100+28.63. 18'LT.
RETURN-TC~~25.52~~ 25.47
100+34.33. 18'RT.
RETURN-TC25.55
100+51.47. 18'LT.
PI-TC25.64, FL~~24.97~~ 24.95
100+61.45. 18'RT.
PI-TC25.68, FL25.01
100+72.85. CL.
EXISTING 4' DIA. SAS MH
RIM 5425.25
100+94.24. 18'RT.
PI-TC25.85, FL25.18
101+04.22. 18'LT.
PI-TC25.90, FL~~25.23~~ 25.22
101+21.36. 18'RT.
RETURN-TC25.99
101+27.06. 18'LT.
RETURN-TC~~26.01~~ 25.98
102+00.00. 18'RT. & LT.
TC~~26.38~~ 26.43
102+50.00. 18'RT. & LT.
TC26.63
103+00.00. 18'RT. & LT.
TC~~26.88~~ 26.85
103+25.00. CL.
EXISTING 4' DIA. SAS MH
RIM 5426.51
103+66.74. 18'LT.
END CURB & GUTTER-TC27.21
103+76.29. 18'RT.
END CURB & GUTTER-TC27.26
92
93
94
95+00
96
97
98
99
100+00
101
102
103
104

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen
David C. Clausen N.M.L.S. #6547

DAVID C. CLAUSEN
NEW MEXICO
6547
REGISTERED LAND SURVEYOR

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

USERNAME: CDP5:[C9526201.TRACT2-6.PNP]VENTANA2-PNP.GRF

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4"x4"x5' 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 AND 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. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

13. APPROX. 100' OF THE 12" SAS STUB OUT UNDER THE CHANNEL SHALL BE ENCASED AS PER COA STD. DWG 2140

14. ALL TEMPORARY STRUCTURES ARE TO BE MAINTAINED BY THE OWNER UNTIL PERMANENT IMPROVEMENTS ARE MADE

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 WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
4	INSTALL WHEEL CHAIR 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	10' MEANDERING ASPHALT TRAIL TO BE DESIGNED BY OTHERS, BUT TO BE ADDED IN THIS PLAN SET

AS-BUILT INFORMATION
CONTRACTOR SPARLING CONST.
WORK STAKED BY SPARLING CONST.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY SPARLING DATE 12/96
DRAWINGS CORRECTED BY SPARLING DATE 12/96

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

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

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
TAMARA K. MCCLAIN
10988
3/25/96

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY TKM/PLL DATE 2/96
DRAWN BY BS/PEB DATE 2/96
CHECKED BY TKM DATE 2/96

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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH TRACT 4A & 7A
PAVING PLAN & PROFILE
VENTANA RANCH ROAD STA. 91+50.00 - 104+56.29

B.J.B.
5/29/96

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

MO./DAY/YR.	MO./DAY/YR.

DRAWING NO. 5316.91
ZONE MAP NO. B9.B10
SHEET 7A OF 33

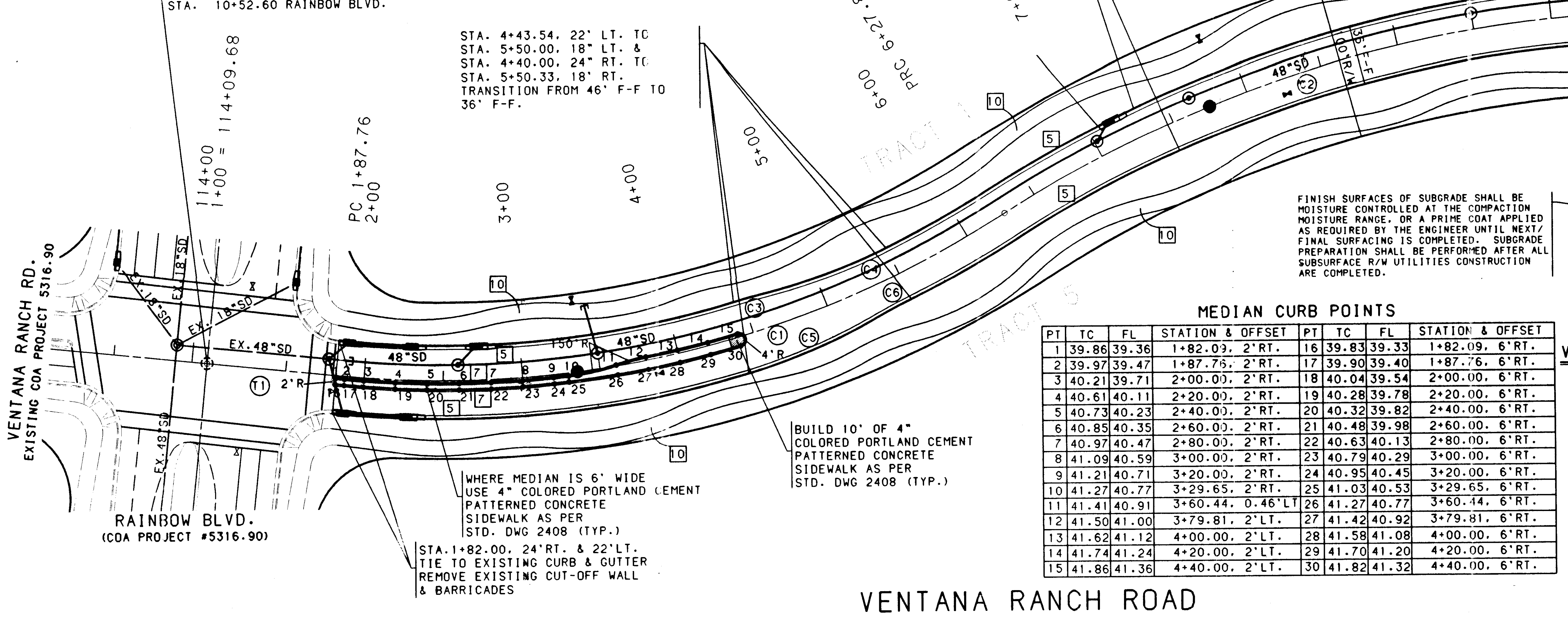
BHI JOB NO. 95228A2440

DATE: MARCH, 1996

CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N84°05'42"W	86.76'

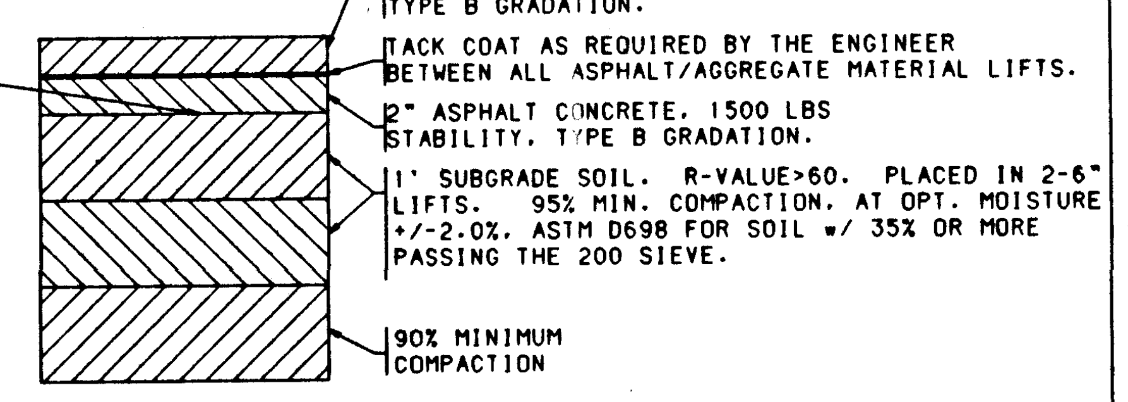
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	4+16.62	38°47'36.8"	228.86'	440.10'	650.00'
C2	9+72.38	47°56'04.5"	344.52'	648.38'	775.00'
C3	4+53.00	02°42'37.4"	9.46'	18.92'	400.00'
C4	5+05.47	12°05'41.7"	42.38'	84.44'	400.00'
C5	4+84.67	13°35'14.1"	44.67'	88.93'	375.00'
C6	5+38.44	03°51'41.8"	12.64'	25.27'	375.00'

CENTERLINE CURVE DATA


STA. 114+09.68 VENTANA RANCH RD. (EAST) =
STA. 1+00.00 VENTANA RANCH RD. (WEST) =
STA. 10+52.60 RAINBOW BLVD.
STA. 4+43.54, 22' LT. TO
STA. 5+50.00, 18' LT. &
STA. 4+40.00, 24' RT. TO
STA. 5+50.33, 18' RT.
TRANSITION FROM 46' F-F TO 36' F-F.
COLORED CURB & GUTTER ALONG VENTANA RANCH RD. AND VALLEY GUTTERS INTO SUBDIVISIONS ONLY.
COLORED CURB & GUTTER IS "SAN DIEGO BUFF OR EQUAL" "DAVIS COLOR # 5237"
114+00
1+00 = 114+09.68
PC 1+87.76
2+00
3+00
4+00
5+00
6+00
PRC 6+27.86
7+00
8+00
9+00
10+00
11+00
TRACT 3A
TRACT 1
TRACT 5
VENTANA RANCH RD. SEE SHEET 7C OF 33
VENTANA RANCH RD. EXISTING COA PROJECT 5316.90
RAINBOW BLVD. (COA PROJECT #5316.90)
EX. 18"SD
EX. 48"SD
48"SD
150'R
4'R
2'R
T1
C1
C2
C3
C5
C6
BUILD 10' OF 4" COLORED PORTLAND CEMENT PATTERNED CONCRETE SIDEWALK AS PER STD. DWG 2408 (TYP.)
WHERE MEDIAN IS 6' WIDE USE 4" COLORED PORTLAND CEMENT PATTERNED CONCRETE SIDEWALK AS PER STD. DWG 2408 (TYP.)
STA. 1+82.00, 24'RT. & 22'LT. TIE TO EXISTING CURB & GUTTER REMOVE EXISTING CUT-OFF WALL & BARRICADES
FINISH SURFACES OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT THE COMPACTION MOISTURE RANGE, OR A PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT/FINAL SURFACING IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION ARE COMPLETED.
N
SCALE: 1" = 50' (HORIZ.)

MEDIAN CURB POINTS

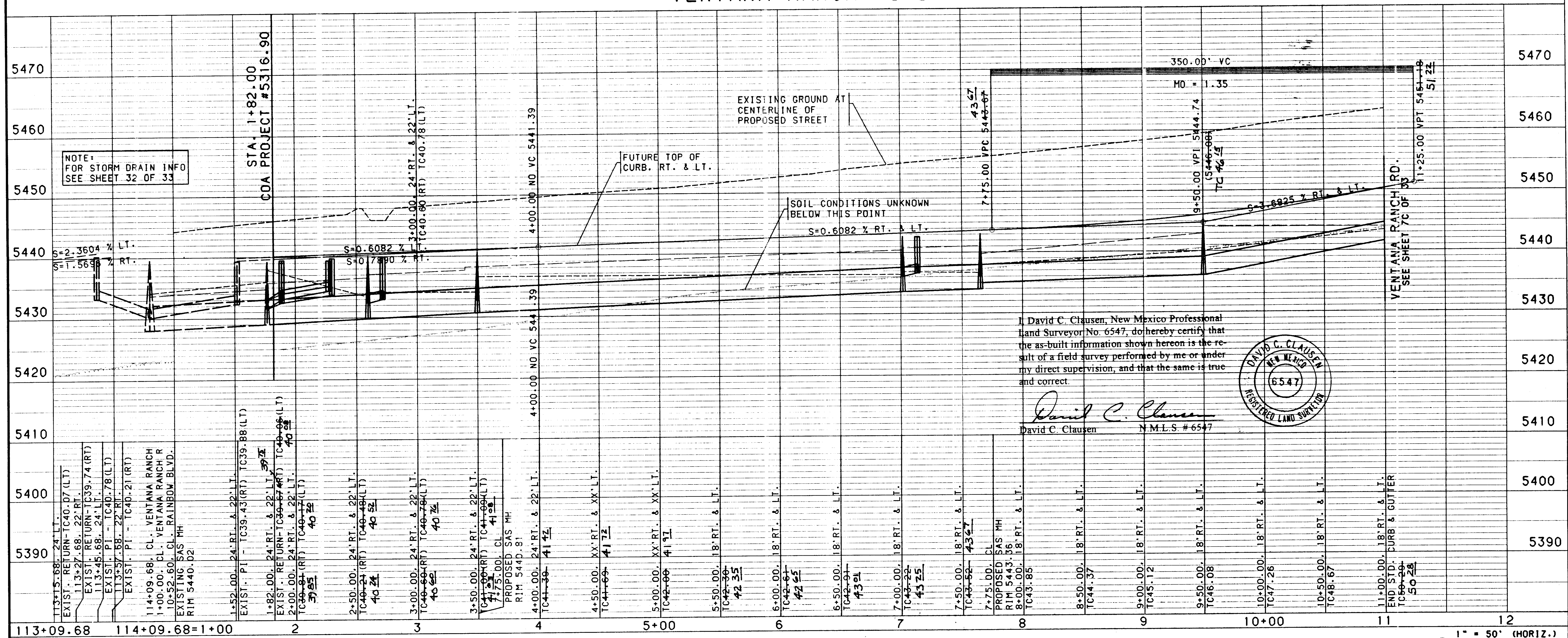
PT	TC	FL	STATION & OFFSET	PT	TC	FL	STATION & OFFSET
1	39.86	39.36	1+82.09, 2'RT.	16	39.83	39.33	1+82.09, 6'RT.
2	39.97	39.47	1+87.76, 2'RT.	17	39.90	39.40	1+87.76, 6'RT.
3	40.21	39.71	2+00.00, 2'RT.	18	40.04	39.54	2+00.00, 6'RT.
4	40.61	40.11	2+20.00, 2'RT.	19	40.28	39.78	2+20.00, 6'RT.
5	40.73	40.23	2+40.00, 2'RT.	20	40.32	39.82	2+40.00, 6'RT.
6	40.85	40.35	2+60.00, 2'RT.	21	40.48	39.98	2+60.00, 6'RT.
7	40.97	40.47	2+80.00, 2'RT.	22	40.63	40.13	2+80.00, 6'RT.
8	41.09	40.59	3+00.00, 2'RT.	23	40.79	40.29	3+00.00, 6'RT.
9	41.21	40.71	3+20.00, 2'RT.	24	40.95	40.45	3+20.00, 6'RT.
10	41.27	40.77	3+29.65, 2'RT.	25	41.03	40.53	3+29.65, 6'RT.
11	41.41	40.91	3+60.44, 0.46'LT	26	41.27	40.77	3+60.44, 6'RT.
12	41.50	41.00	3+79.81, 2'LT.	27	41.42	40.92	3+79.81, 6'RT.
13	41.62	41.12	4+00.00, 2'LT.	28	41.58	41.08	4+00.00, 6'RT.
14	41.74	41.24	4+20.00, 2'LT.	29	41.70	41.20	4+20.00, 6'RT.
15	41.86	41.36	4+40.00, 2'LT.	30	41.82	41.32	4+40.00, 6'RT.


1.5" ASPHALT CONCRETE TYPICAL FINISH COURSE PLACED AFTER ALL MANHOLE & VALVE COVERS/RINGS ARE SET TO GRADE. 1500 LBS. STABILITY. TYPE B GRADATION.
TACK COAT AS REQUIRED BY THE ENGINEER BETWEEN ALL ASPHALT/AGGREGATE MATERIAL LIFTS.
2" ASPHALT CONCRETE, 1500 LBS STABILITY, TYPE B GRADATION.
1' SUBGRADE SOIL. R-VALUE>60. PLACED IN 2-6" LIFTS. 95% MIN. COMPACTION, AT OPT. MOISTURE +/-2.0%, ASTM D698 FOR SOIL w/ 35% OR MORE PASSING THE 200 SIEVE.
90% MINIMUM COMPACTION

VENTANA RANCH RD. (WEST) PAVEMENT SECTION

NO SCALE (MAJOR LOCAL & RESIDENTIAL)
NOTE: REFER TO COA STD DWG 2405, EXCEPT THAT TYPE B GRADATION SHALL BE USED.

VENTANA RANCH ROAD


5470
5460
5450
5440
5430
5420
5410
5400
5390
NOTE: FOR STORM DRAIN INFO SEE SHEET 32 OF 33
STA. 1+82.00 COA PROJECT #5316.90
EXISTING GROUND AT CENTERLINE OF PROPOSED STREET
FUTURE TOP OF CURB, RT. & LT.
SOIL CONDITIONS UNKNOWN BELOW THIS POINT
S=2.3604 % LT.
S=1.5698 % RT.
S=0.6082 % LT.
S=0.7890 % RT.
S=0.6082 % RT. & LT.
S=1.6825 % RT. & LT.
350.00' VC
MO = 1.35
7+75.00 VPC 5443.67
9+50.00 VPI 5444.74
11+25.00 VPT 5451.18
4+00.00 NO VC 5441.39
3+00.00, 24'RT. & 22'LT.
VENTANA RANCH RD. SEE SHEET 7C OF 33
113+15.68, 24'LT.
EXIST. RETURN-TC40.07 (LT)
113+27.68, 22'RT.
EXIST. RETURN-TC39.74 (RT)
113+45.68, 24'LT.
EXIST. PI - TC40.78 (LT)
113+57.68, 22'RT.
EXIST. PI - TC40.21 (RT)
114+09.68, CL. VENTANA RANCH
1+00.00, CL. VENTANA RANCH R
10+52.60, CL. RAINBOW BLVD.
EXISTING SAS MH
RIM 5440.02
1+52.00, 24'RT. & 22'LT.
EXIST. PI - TC39.43 (RT) TC39.88 (LT)
1+82.00, 24'RT. & 22'LT.
EXIST. RETURN-TC39.67 (RT) TC40.06 (LT)
2+00.00, 24'RT. & 22'LT.
TC39.81 (RT) TC40.17 (LT)
2+50.00, 24'RT. & 22'LT.
TC40.21 (RT) TC40.48 (LT)
3+00.00, 24'RT. & 22'LT.
TC40.60 (RT) TC40.78 (LT)
3+50.00, 24'RT. & 22'LT.
TC41.00 (RT) TC41.09 (LT)
3+75.00, CL
PROPOSED SAS MH
RIM 5440.81
4+00.00, 24'RT. & 22'LT.
TC41.39
4+50.00, XX'RT. & XX'LT.
TC41.69
5+00.00, XX'RT. & XX'LT.
TC42.00
5+50.00, 18'RT. & LT.
TC42.30
6+00.00, 18'RT. & LT.
TC42.61
6+50.00, 18'RT. & LT.
TC42.91
7+00.00, 18'RT. & LT.
TC43.22
7+50.00, 18'RT. & LT.
TC43.52
7+75.00, CL
PROPOSED SAS MH
RIM 5443.36
8+00.00, 18'RT. & LT.
TC43.85
8+50.00, 18'RT. & LT.
TC44.37
9+00.00, 18'RT. & LT.
TC45.12
9+50.00, 18'RT. & LT.
TC46.08
10+00.00, 18'RT. & LT.
TC47.26
10+50.00, 18'RT. & LT.
TC48.67
11+00.00, 18'RT. & LT.
END STD. CURB & GUTTER
TC50.29
113+09.68
114+09.68=1+00
2
3
4
5+00
6
7
8
9
10+00
11
12

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

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen

David C. Clausen N.M.L.S. # 6547

DAVID C. CLAUSEN NEW MEXICO 6547 REGISTERED LAND SURVEYOR

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR IS TO INSTALL A 4"x4"x5' 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 AND 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. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

26-5316.91-7B97

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 WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
4	INSTALL WHEEL CHAIR 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	10' MEANDERING ASPHALT TRAIL TO BE DESIGNED BY OTHERS, BUT TO BE ADDED IN THIS PLAN SET

AS-BUILT INFORMATION

CONTRACTOR	Sparling Const.	
WORK STAKED BY	Sparling Const.	
INSPECTOR'S ACCEPTANCE BY	C.O.A.	DATE 12/96
FIELD VERIFICATION BY	Sparling	DATE 12/96
DRAWINGS CORRECTED BY	Sparling	DATE 12/96

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X =357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
Δα= -00°16'30"
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY	PLL/TKM	DATE 2/96
DRAWN BY	PLL	DATE 2/96
CHECKED BY	TKM	DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH TRACT 4A & 7A
PAVING PLAN & PROFILE
VENTANA RANCH ROAD STA. 1+00 TO 11+00

B.J.B. 5/29/96

CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

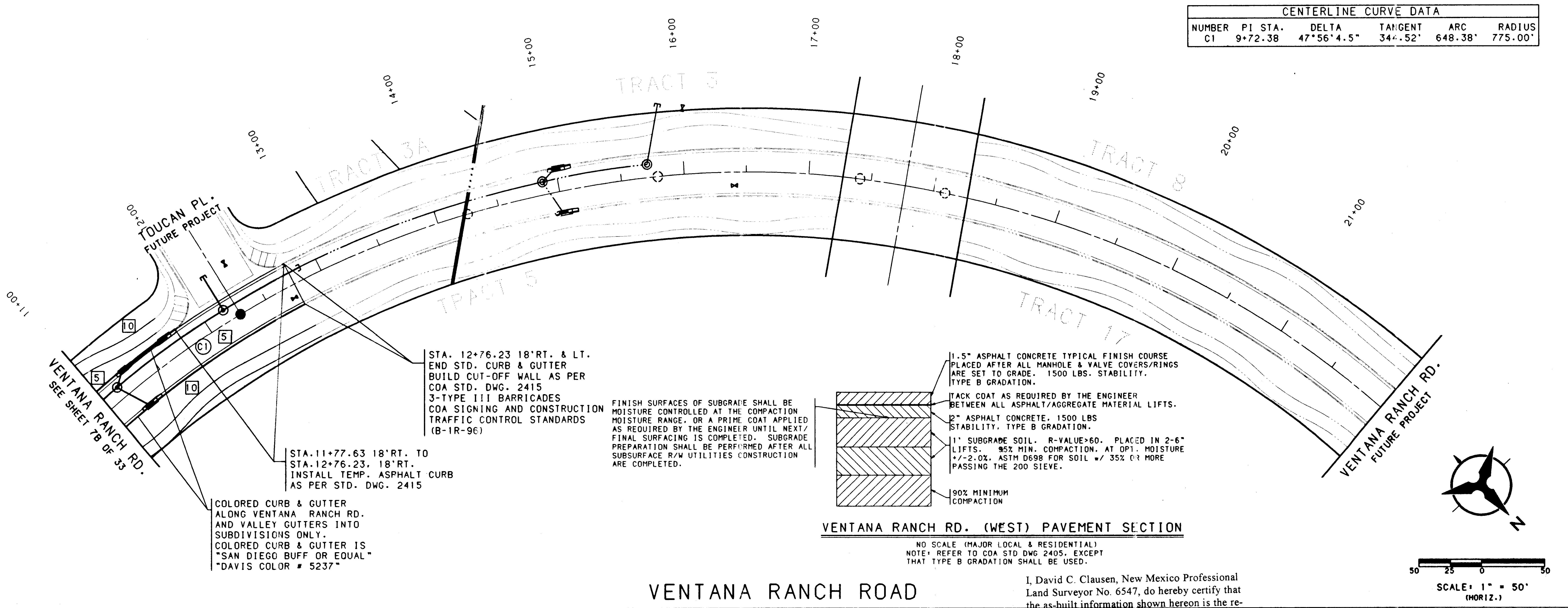
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	7B	33

BHI JOB NO. 95228A2440

DATE: MARCH, 1996

USERNAME: CDP5:[C9526201.TRACT4-7.PNP]VENTANA3-PNP.GRF

CENTERLINE CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	9+72.38	47°56'4.5"	344.52'	648.38'	775.00'



TOUCAN PL.
FUTURE PROJECT
TRACT 3
TRACT 3A
TRACT 5
TRACT 8
TRACT 17
VENTANA RANCH RD.
SEE SHEET 7B OF 33
VENTANA RANCH RD.
FUTURE PROJECT
11+00
12+00
13+00
14+00
15+00
16+00
17+00
18+00
19+00
20+00
21+00
C1
5
10
50 25 0 50
SCALE: 1" = 50' (HORIZ.)

STA. 12+76.23 18'RT. & LT.
END STD. CURB & GUTTER
BUILD CUT-OFF WALL AS PER
COA STD. DWG. 2415
3-TYPE III BARRICADES
COA SIGNING AND CONSTRUCTION
TRAFFIC CONTROL STANDARDS
(B-1R-96)

STA.11+77.63 18'RT. TO
STA.12+76.23, 18'RT.
INSTALL TEMP. ASPHALT CURB
AS PER STD. DWG. 2415

COLORED CURB & GUTTER
ALONG VENTANA RANCH RD.
AND VALLEY GUTTERS INTO
SUBDIVISIONS ONLY.
COLORED CURB & GUTTER IS
"SAN DIEGO BUFF OR EQUAL"
"DAVIS COLOR # 5237"

FINISH SURFACES OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT THE COMPACTION MOISTURE RANGE, OR A PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT/FINAL SURFACING IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION ARE COMPLETED.

1.5" ASPHALT CONCRETE TYPICAL FINISH COURSE PLACED AFTER ALL MANHOLE & VALVE COVERS/RINGS ARE SET TO GRADE. 1500 LBS. STABILITY. TYPE B GRADATION.

TACK COAT AS REQUIRED BY THE ENGINEER BETWEEN ALL ASPHALT/AGGREGATE MATERIAL LIFTS.

2" ASPHALT CONCRETE. 1500 LBS STABILITY. TYPE B GRADATION.

1' SUBGRADE SOIL. R-VALUE>60. PLACED IN 2-6" LIFTS. 95% MIN. COMPACTION. AT OPT. MOISTURE +/-2.0%. ASTM D698 FOR SOIL w/ 35% OR MORE PASSING THE 200 SIEVE.

90% MINIMUM COMPACTION

VENTANA RANCH RD. (WEST) PAVEMENT SECTION

NO SCALE (MAJOR LOCAL & RESIDENTIAL)
NOTE: REFER TO COA STD DWG 2405. EXCEPT THAT TYPE B GRADATION SHALL BE USED.

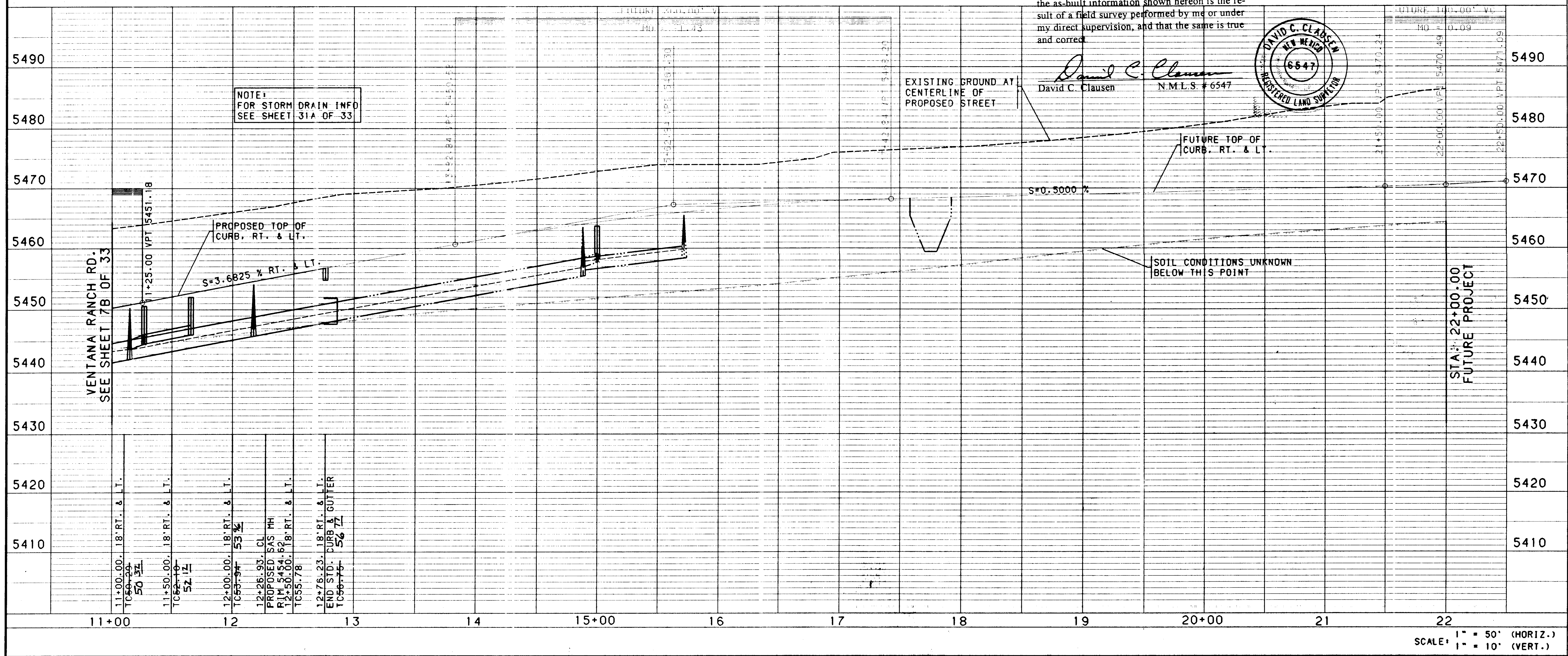
VENTANA RANCH ROAD

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen

David C. Clausen N.M.L.S. # 6547

DAVID C. CLAUSEN NEW MEXICO 6547 REGISTERED LAND SURVEYOR



5490
5480
5470
5460
5450
5440
5430
5420
5410
NOTE:
FOR STORM DRAIN INFO
SEE SHEET 31A OF 33
VENTANA RANCH RD.
SEE SHEET 7B OF 33
11+25.00 VPT 5451.18
PROPOSED TOP OF
CURB, RT. & LT.
S=3.6825 % RT. & LT.
EXISTING GROUND AT
CENTERLINE OF
PROPOSED STREET
FUTURE TOP OF
CURB. RT. & LT.
S=0.5000 %
SOIL CONDITIONS UNKNOWN
BELOW THIS POINT
STA. 22+00.00
FUTURE PROJECT
11+00.00. 18'RT. & LT.
TC~~50.29~~ 50.37
11+50.00. 18'RT. & LT.
TC~~52.10~~ 52.12
12+00.00. 18'RT. & LT.
TC~~53.94~~ 53.96
12+26.93. CL
PROPOSED SAS MH
RIM 5454.62
12+50.00. 18'RT. & LT.
TC55.78
12+76.23. 18'RT. & LT.
END STD. CURB & GUTTER
TC~~56.75~~ 56.77
11+00
12
13
14
15+00
16
17
18
19
20+00
21
22

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

USERNAME: CDP5:[C9526201.TRACT4-7.PNP]VENTANA4-PNP.GRF

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4"x4"x5' 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.

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11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).

12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

26-5316.71.7697

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 WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
4	INSTALL WHEEL CHAIR 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	10' MEANDERING ASPHALT TRAIL TO BE DESIGNED BY OTHERS, BUT TO BE ADDED IN THIS PLAN SET

AS-BUILT INFORMATION

CONTRACTOR Sparling Const.
WORK STAKED BY Sparling Const.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY Sparling DATE 12/96
DRAWINGS CORRECTED BY Sparling DATE 12/96

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X =357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
Δα= -00°16'30"
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

TAMARA K. MORGAN NEW MEXICO 010058 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY PLL/TKM DATE 2/96
DRAWN BY PLL DATE 2/96
CHECKED BY TKM DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH TRACT 4A & 7A
PAVING PLAN & PROFILE
VENTANA RANCH ROAD STA. 11+00 TO 22+00

B.J.B. 5/29/96

CITY ENGINEER APPROVAL

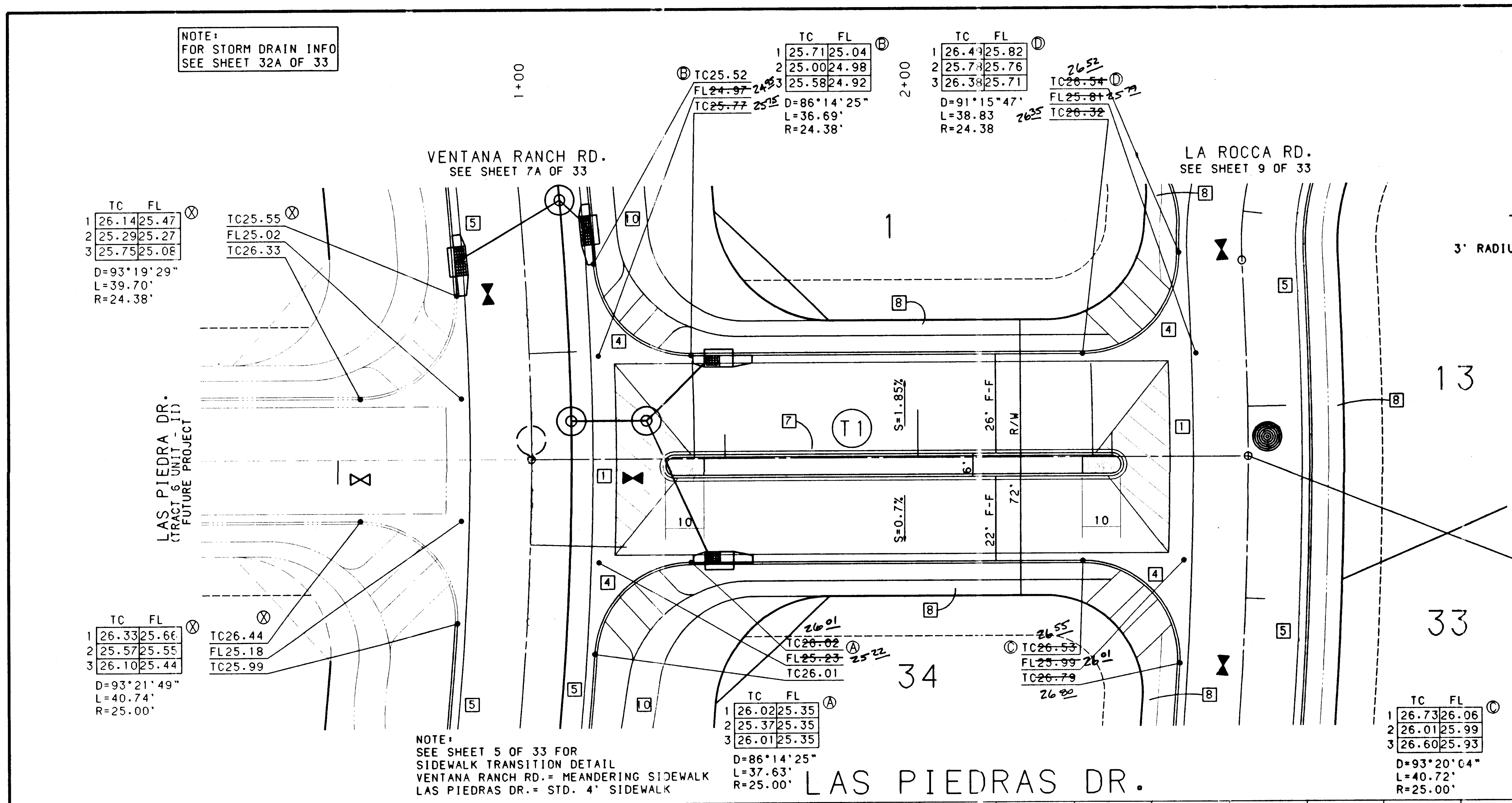
LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	7C	33

BHI JOB NO. 95228A2440

DATE: MARCH, 1996

NOTE:
FOR STORM DRAIN INFO
SEE SHEET 32A OF 33

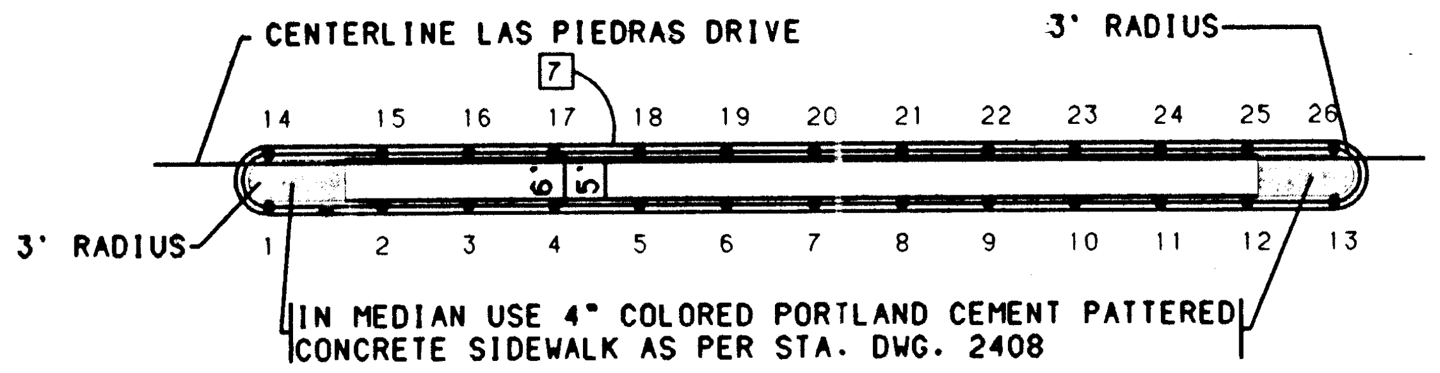

VENTANA RANCH RD.
SEE SHEET 7A OF 33
LA ROCCA RD.
SEE SHEET 9 OF 33
LAS PIEDRA DR.
(TRACT 6 UNIT 1)
FUTURE PROJECT
1
13
33
34
T1
S=1.85%
S=0.7%
26' F-F
22' F-F
R/W
72'
10
1+00
2+00
	TC	FL
1	25.71	25.04
2	25.00	24.98
3	25.58	24.92
D=86°14'25"
L=36.69'
R=24.38'
TC25.52
FL24.97 2493
TC25.77 2575
	TC	FL
1	26.49	25.82
2	25.78	25.76
3	26.38	25.71
D=91°15'47"
L=38.83
R=24.38
TC26.54 2652
FL25.81 2579
TC26.32 2625
	TC	FL
1	26.14	25.47
2	25.29	25.27
3	25.75	25.08
TC25.55
FL25.02
TC26.33
D=93°19'29"
L=39.70'
R=24.38'
	TC	FL
1	26.33	25.66
2	25.57	25.55
3	26.10	25.44
TC26.44
FL25.18
TC25.99
D=93°21'49"
L=40.74'
R=25.00'
TC26.02 2601
FL25.23 2522
TC26.01
TC26.53 2655
FL23.99 2601
TC26.79 2680
	TC	FL
1	26.02	25.35
2	25.37	25.35
3	26.01	25.35
D=86°14'25"
L=37.63'
R=25.00'
	TC	FL
1	26.73	26.06
2	26.01	25.99
3	26.60	25.93
D=93°20'04"
L=40.72'
R=25.00'

NOTE:
SEE SHEET 5 OF 33 FOR
SIDEWALK TRANSITION DETAIL
VENTANA RANCH RD.= MEANDERING SIDEWALK
LAS PIEDRAS DR.= STD. 4' SIDEWALK

LAS PIEDRAS DR.

CENTERLINE TANGENT DATA

NUMBER	BEARING	DISTANCE
T1	N40°03'54"W	185.0'


CENTERLINE LAS PIEDRAS DRIVE
3' RADIUS
3' RADIUS
14 15 16 17 18 19 20 21 22 23 24 25 26
1 2 3 4 5 6 7 8 9 10 11 12 13

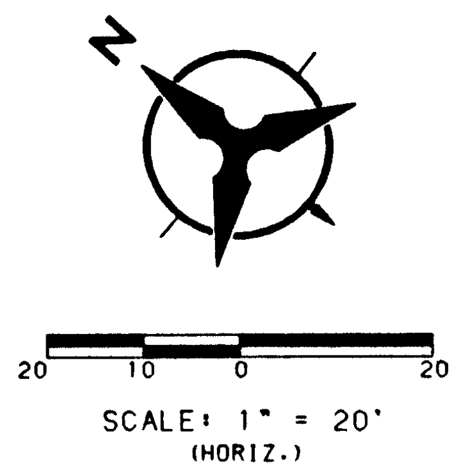
IN MEDIAN USE 4" COLORED PORTLAND CEMENT PATTERED
CONCRETE SIDEWALK AS PER STA. DWG. 2408

MEDIAN CURB DETAIL

NO SCALE

PT	TC	FL	STATION & OFFSET	PT	TC	FL	STATION & OFFSET
1	26.15	25.65	1+37.00, 5.00'RT.	14	26.06	25.56	1+37.00, 1.00'LT.
2	26.16	25.66	1+40.00, 5.00'RT.	15	26.07	25.57	1+40.00, 1.00'LT.
3	26.21	25.71	1+50.00, 5.00'RT.	16	26.12	25.62	1+50.00, 1.00'LT.
4	26.26	25.76	1+60.00, 5.00'RT.	17	26.17	25.67	1+60.00, 1.00'LT.
5	26.31	25.81	1+70.00, 5.00'RT.	18	26.22	25.72	1+70.00, 1.00'LT.
6	26.36	25.86	1+80.00, 5.00'RT.	19	26.27	25.77	1+80.00, 1.00'LT.
7	26.41	25.91	1+90.00, 5.00'RT.	20	26.32	25.82	1+90.00, 1.00'LT.
8	26.46	25.96	2+00.00, 5.00'RT.	21	26.37	25.87	2+00.00, 1.00'LT.
9	26.51	26.01	2+10.00, 5.00'RT.	22	26.42	25.92	2+10.00, 1.00'LT.
10	26.56	26.06	2+20.00, 5.00'RT.	23	26.47	25.97	2+20.00, 1.00'LT.
11	26.61	26.11	2+30.00, 5.00'RT.	24	26.52	26.02	2+30.00, 1.00'LT.
12	26.66	26.16	2+40.00, 5.00'RT.	25	26.57	26.07	2+40.00, 1.00'LT.
13	26.71	26.21	2+50.00, 5.00'RT.	26	26.62	26.12	2+50.00, 1.00'LT.

STA. 2+85.00 LAS PIEDRAS DR.=
STA. 15+13.06 LA ROCCA RD.


N
20 10 0 20
SCALE: 1" = 20'
(HORIZ.)

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4"x4"x5' 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 AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.

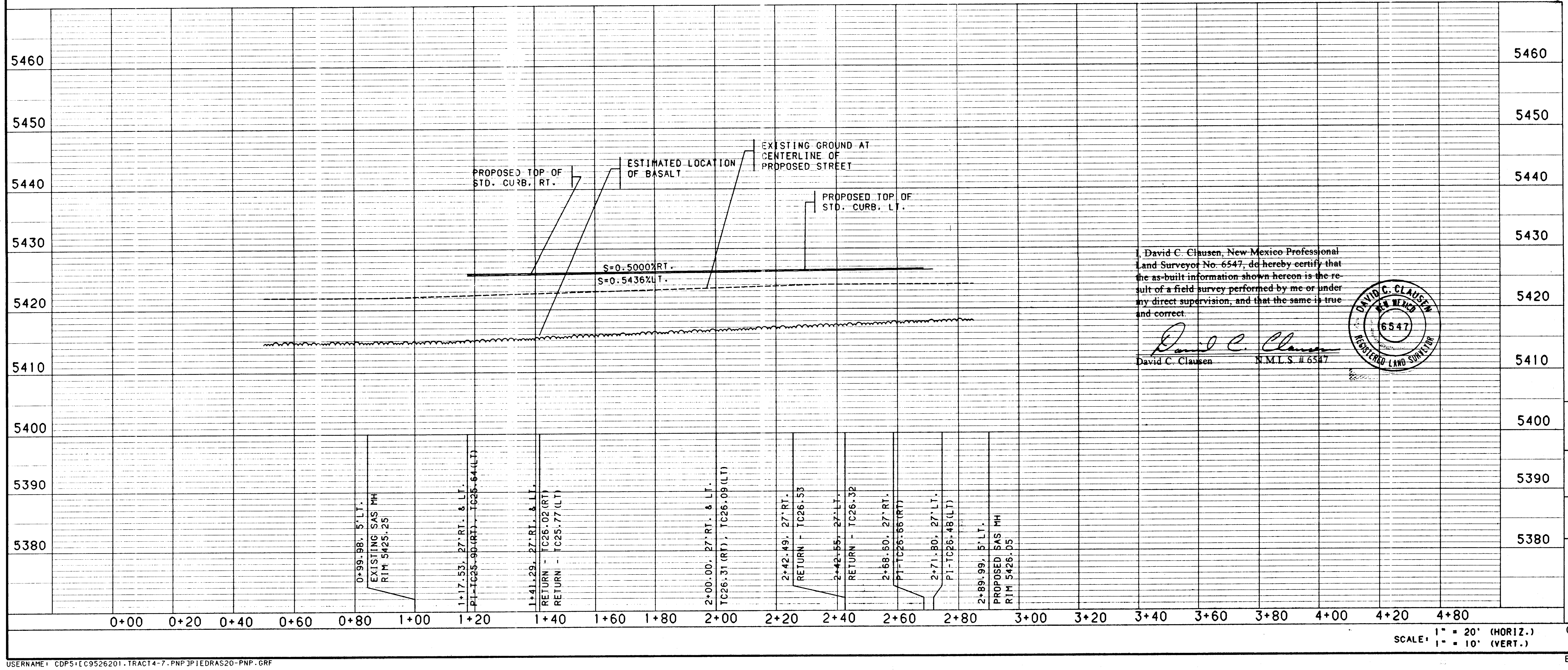
11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).

12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

26-5316.91 0897

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 WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
4	INSTALL WHEEL CHAIR 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	10' MEANDERING ASPHALT TRAIL TO BE DESIGNED BY OTHERS, BUT TO BE ADDED IN THIS PLAN SET



I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen
David C. Clausen N.M.L.S. # 6547

DAVID C. CLAUSEN 6547

SCALE: 1" = 20' (HORIZ.)
1" = 10' (VERT.)

AS-BUILT INFORMATION	
CONTRACTOR	SPARLING CONST.
WORK STAKED BY	SPARLING CONST.
INSPECTOR'S ACCEPTANCE BY	C.O.A. DATE 12/96
FIELD VERIFICATION BY	SPARLING DATE 12/96
DRAWINGS CORRECTED BY	SPARLING DATE 12/96

MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

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

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

REVISIONS

NO.	DATE	REMARKS	BY

DESIGN		
DESIGNED BY	TKM/PLL	DATE 2/96
DRAWN BY	BES/PEB	DATE 2/96
CHECKED BY	TKM	DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH TRACT 7A
PAVING PLAN & PROFILE
LAS PIEDRAS DR.

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL		MO./DAY/YR.	MO./DAY/YR.
B.J.G. 5/29/96		LAST DESIGN UPDATE		

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	8	33

BHI JOB NO. [redacted]BA2440

COPYRIGHT BOHANNAN-HUSTON, INC.
DATE: MARCH, 1996

USERNAME: CDP5:[C9526201.TRACT4-7.PNP]PIEDRAS20-PNP.GRF

CENTERLINE CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	14+23.57	69°32'19.8"	52.07'	91.03'	75.00'
C2	15+23.55	07°28'05.9"	61.02'	121.87'	935.00'
C3	17+09.05	117°55'46.1"	124.65'	154.37'	75.00'

CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N63°37'21"W	540.09'
T2	N63°37'21"W	582.26'
T3	N63°37'21"W	165.70'

PT	TC
1	26.83
2	27.05
3	27.16
4	26.98

KNUCKLE CURB DATA			
PT	TC	STATION & OFFSET	DELTA
1	~~27.01~~	14+45.02, 20.02'LT	36°04'32"
2	~~27.25~~	14+28.24, 30.64'LT	54°33'32"
3	~~27.26~~	14+01.83, 28.30'LT	24°43'05"
4	~~27.12~~	13+90.47, 20.02'LT	
R=40.00'			

KNUCKLE CURB DATA			
PT	TC	STATION & OFFSET	DELTA
1	~~27.76~~	16+89.16, 29.68'RT	42°25'7.0"
2	~~28.16~~	16+77.70, 70.00'RT	42°25'8.0"
3	~~28.28~~	16+62.29, 62.60'RT	50°03'29"
4	~~28.05~~	16+43.76, 54.80'RT	48°05'54"
5	~~27.48~~	16+30.37, 29.68'RT	
R=40.00'			

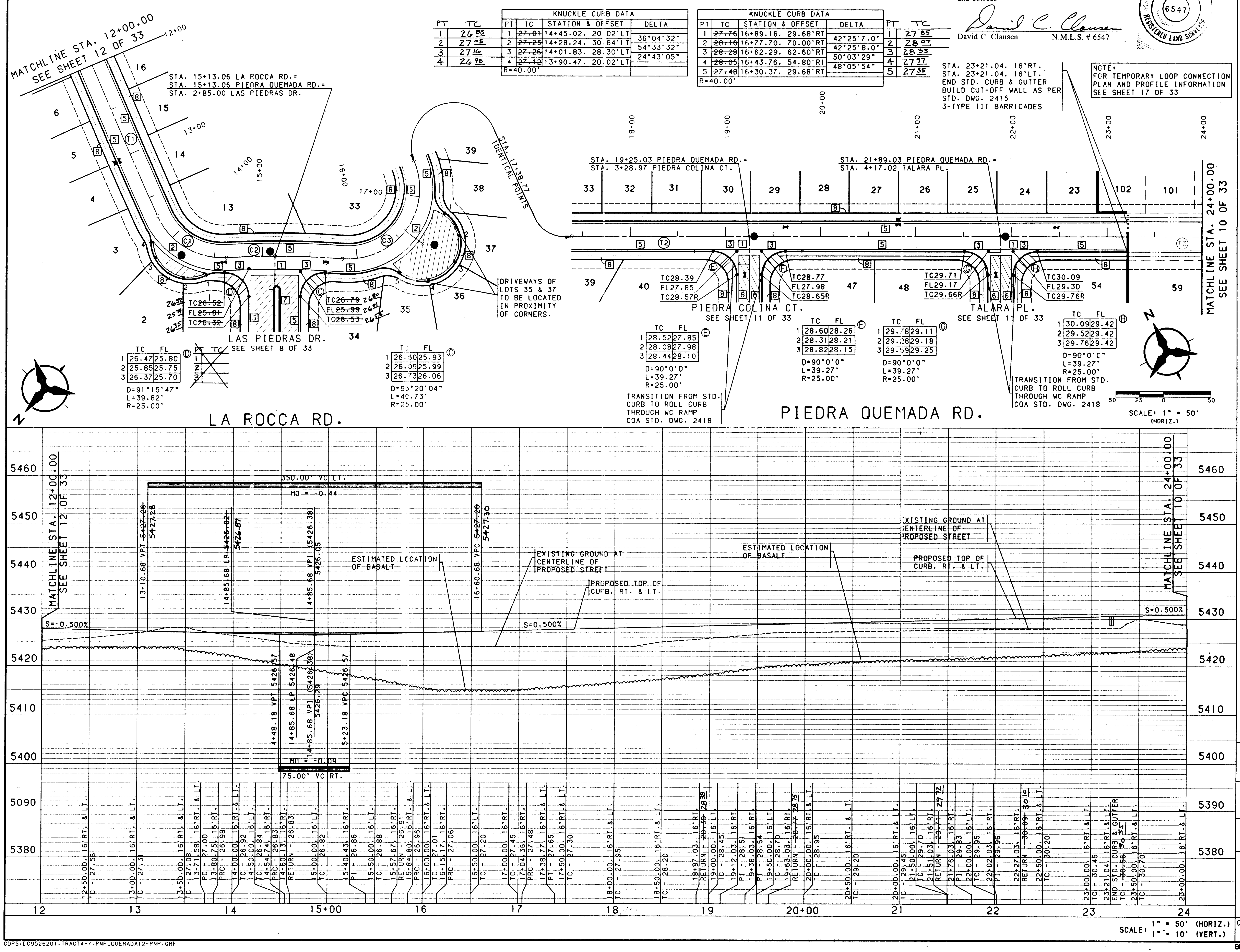
PT	TC
1	27.85
2	28.07
3	28.33
4	27.97
5	27.35

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen

David C. Clausen N.M.L.S. # 6547

6547


MATCHLINE STA. 12+00.00
SEE SHEET 12 OF 33
STA. 15+13.06 LA ROCCA RD.=
STA. 15+13.06 PIEDRA QUEMADA RD.=
STA. 2+85.00 LAS PIEDRAS DR.
STA. 17+38.77 IDENTICAL POINTS
DRIVEWAYS OF LOTS 35 & 37 TO BE LOCATED IN PROXIMITY OF CORNERS.
LAS PIEDRAS DR.
SEE SHEET 8 OF 33
LA ROCCA RD.
STA. 19+25.03 PIEDRA QUEMADA RD.=
STA. 3+28.97 PIEDRA COLINA CT.
STA. 21+89.03 PIEDRA QUEMADA RD.=
STA. 4+17.02 TALARA PL.
STA. 23+21.04, 16'RT.
STA. 23+21.04, 16'LT.
END STD. CURB & GUTTER
BUILD CUT-OFF WALL AS PER STD. DWG. 2415
3-TYPE III BARRICADES
NOTE: FOR TEMPORARY LOOP CONNECTION PLAN AND PROFILE INFORMATION SEE SHEET 17 OF 33
PIEDRA COLINA CT.
SEE SHEET 11 OF 33
TALARA PL.
SEE SHEET 11 OF 33
TRANSITION FROM STD. CURB TO ROLL CURB THROUGH WC RAMP COA STD. DWG. 2418
PIEDRA QUEMADA RD.
MATCHLINE STA. 24+00.00
SEE SHEET 10 OF 33
SCALE: 1" = 50' (HORIZ.)
TC28.39 FL27.85 TC28.57R
TC28.77 FL27.98 TC28.65R
TC29.71 FL29.17 TC29.66R
TC30.09 FL29.30 TC29.76R
D=91°15'47" L=39.82' R=25.00'
D=93°20'04" L=40.73' R=25.00'
D=90°0'0" L=39.27' R=25.00'
350.00' VC LT.
MO = -0.44
75.00' VC RT.
MO = -0.09
13+10.68 VPT ~~5427.26~~ 5427.28
14+85.68 LP ~~5426.82~~ 5426.87
14+85.68 VPI (5426.38) 5426.05
16+60.68 VPC ~~5427.26~~ 5427.30
14+48.18 VPT 5426.57
14+85.68 LP 5426.48
14+85.68 VPI (5426.38) 5426.29
15+23.18 VPC 5426.57
ESTIMATED LOCATION OF BASALT
EXISTING GROUND AT CENTERLINE OF PROPOSED STREET
PROPOSED TOP OF CURB, RT. & LT.
S=-0.500%
S=0.500%
S=0.500%
SCALE: 1" = 50' (HORIZ.) 1" = 10' (VERT.)

TC	FL
26.47	25.80
25.85	25.75
26.37	25.70

TC	FL
26.60	25.93
26.09	25.99
26.73	26.06

TC	FL
28.52	27.85
28.08	27.98
28.44	28.10

TC	FL
28.60	28.26
28.31	28.21
28.82	28.15

TC	FL
29.78	29.11
29.38	29.18
29.59	29.25

TC	FL
30.09	29.42
29.52	29.42
29.76	29.42

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4"x4"x5' 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 AND 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. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

26-5376.97 0997

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 WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
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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	10' MEANDERING ASPHALT TRAIL TO BE DESIGNED BY OTHERS, BUT TO BE ADDED IN THIS PLAN SET

AS-BUILT INFORMATION	
CONTRACTOR	SPARLING CONST.
WORK STAKED BY	SPARLING CONST.
INSPECTOR'S ACCEPTANCE BY	C.O.A. DATE 12/96
FIELD VERIFICATION BY	SPARLING DATE 12/96
DRAWINGS CORRECTED BY	SPARLING DATE 12/96

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

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

TAMARA K. MORGAN #10996

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY	PLL/TKM	DATE	2/96
DRAWN BY	PLL/BS/PB	DATE	2/96
CHECKED BY	TKM	DATE	2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH - TRACT 4A
PAVING PLAN & PROFILE
LA ROCCA RD. / PIEDRA QUEMADA RD.

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
5/29/96			

LAST DESIGN UPDATE

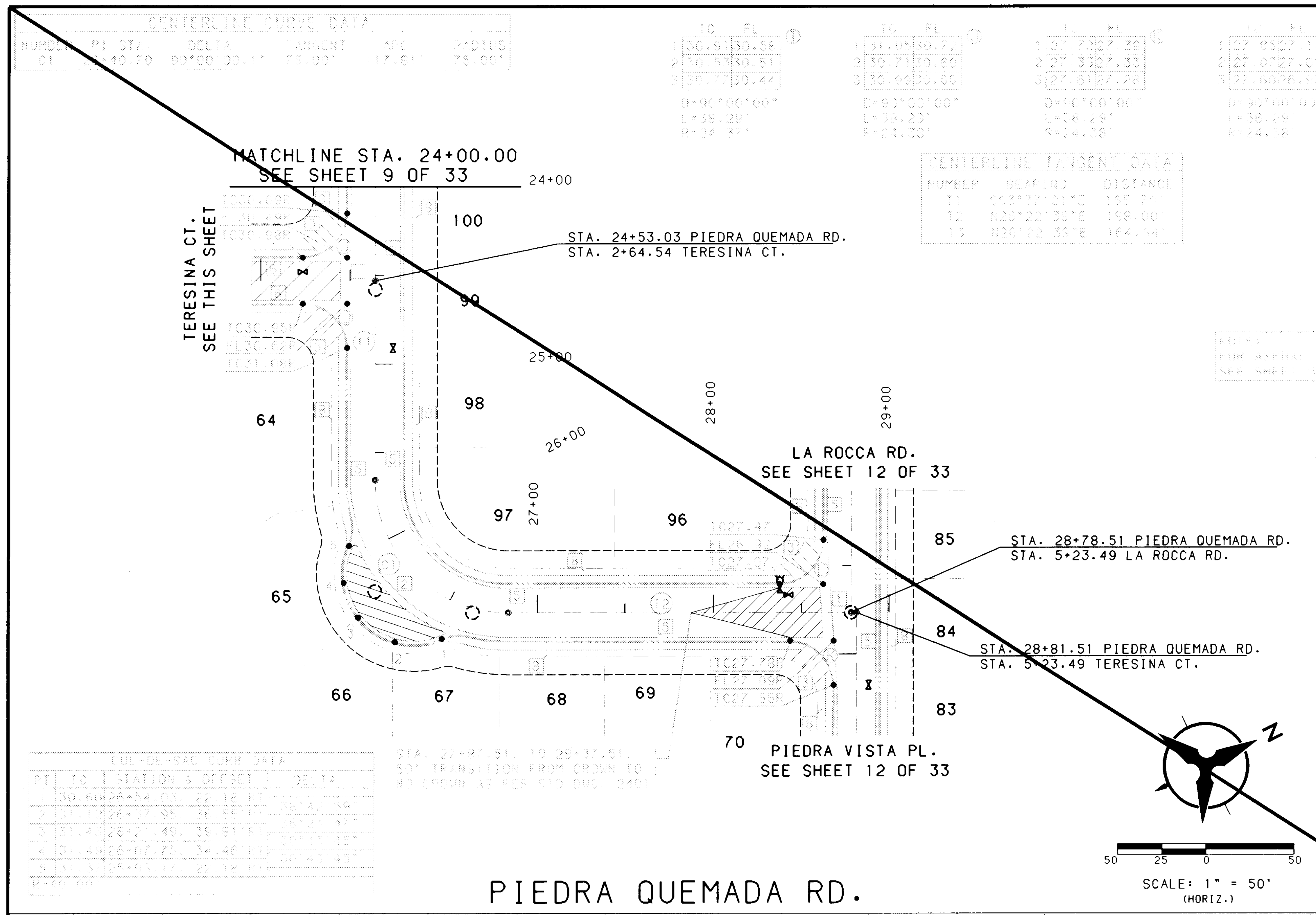
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	9	33

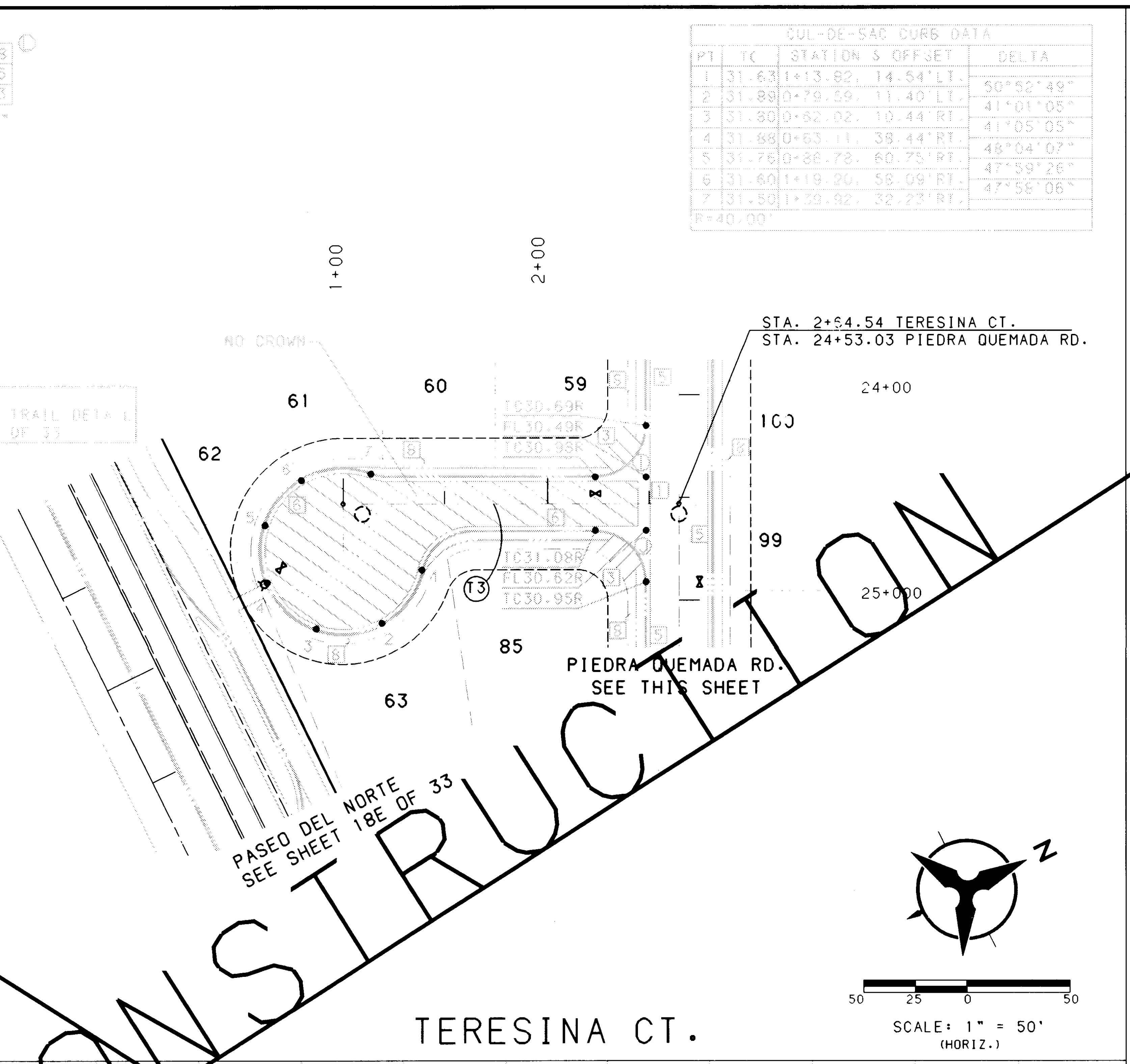
BHI JOB NO. 95228A2440

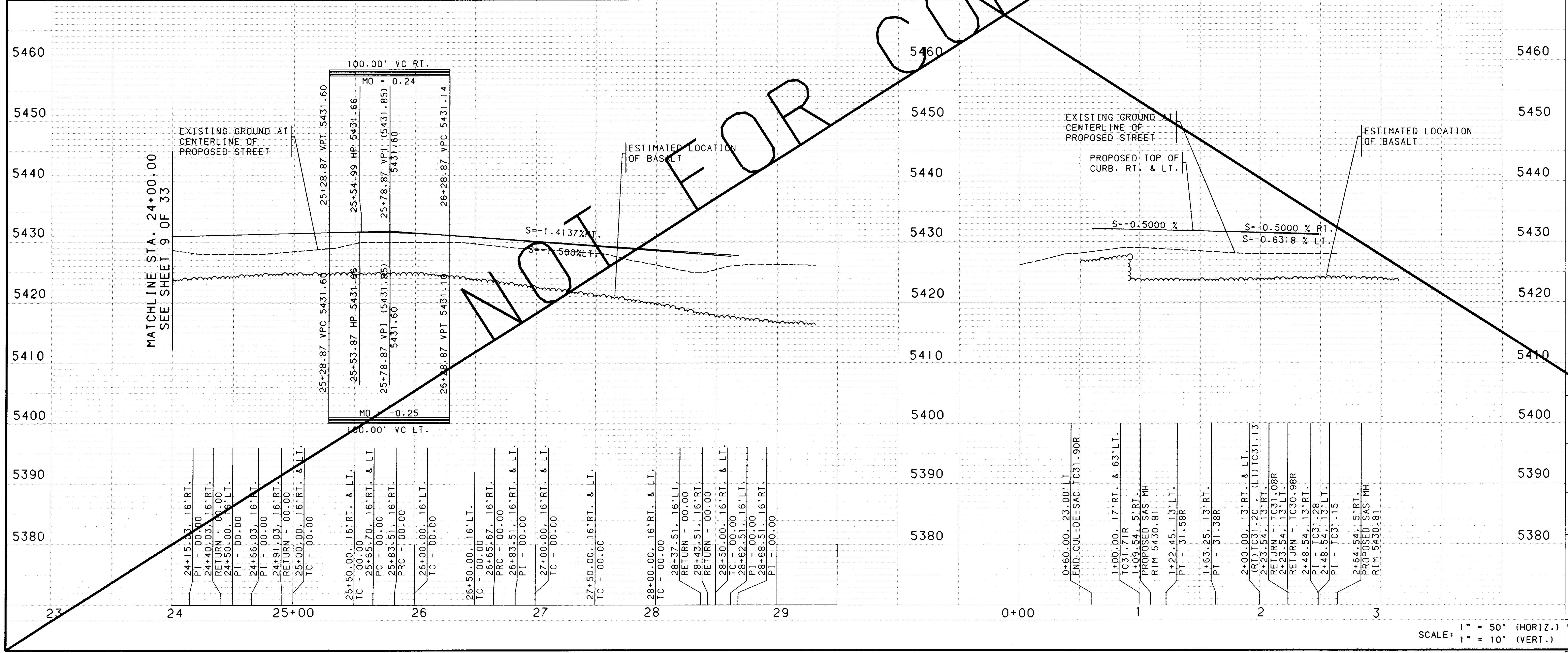
DATE: MARCH, 1996

CDPS:[C9526201.TRACT4-7.PNP]QUEMADA12-PNP.GRF

SCANNED BY LASON


CENTERLINE CURVE DATA
MATCHLINE STA. 24+00.00
SEE SHEET 9 OF 33
TERESINA CT.
SEE THIS SHEET
STA. 24+53.03 PIEDRA QUEMADA RD.
STA. 2+64.54 TERESINA CT.
CENTERLINE TANGENT DATA
LA ROCCA RD.
SEE SHEET 12 OF 33
STA. 28+78.51 PIEDRA QUEMADA RD.
STA. 5+23.49 LA ROCCA RD.
STA. 28+81.51 PIEDRA QUEMADA RD.
STA. 5+23.49 TERESINA CT.
PIEDRA VISTA PL.
SEE SHEET 12 OF 33
CUL-DE-SAC CURB DATA
SCALE: 1" = 50'
(HORIZ.)
PIEDRA QUEMADA RD.


CUL-DE-SAC CURB DATA
STA. 2+64.54 TERESINA CT.
STA. 24+53.03 PIEDRA QUEMADA RD.
PASEO DEL NORTE
SEE SHEET 18 OF 33
PIEDRA QUEMADA RD.
SEE THIS SHEET
SCALE: 1" = 50'
(HORIZ.)
TERESINA CT.


MATCHLINE STA. 24+00.00
SEE SHEET 9 OF 33
100.00' VC RT.
MO = 0.24
EXISTING GROUND AT CENTERLINE OF PROPOSED STREET
ESTIMATED LOCATION OF BASALT
S=-1.4137%RT.
MO = -0.25
100.00' VC LT.
EXISTING GROUND AT CENTERLINE OF PROPOSED STREET
PROPOSED TOP OF CURB. RT. & LT.
S=-0.5000 %
S=-0.5000 % RT.
S=-0.6318 % LT.
ESTIMATED LOCATION OF BASALT
5460
5450
5440
5430
5420
5410
5400
5390
5380
23
24
25+00
26
27
28
29
0+00
1
2
3

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

NOT FOR CONSTRUCTION

NOTES

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3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

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12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

2 6 - 5 3 1 6 . 9 1 1 0 9 7

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 WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
4	INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE II
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8	FUTURE 4' SIDEWALK
9	BUILD 4' SIDEWALK
10	10' MEANDERING ASPHALT TRAIL TO BE DESIGNED BY OTHERS, BUT TO BE ADDED IN THIS PLAN SET

AS-BUILT INFORMATION

CONTRACTOR	
WORK STAKED BY	
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X =357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
Δα= -00°16'30"
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

TAMARA K. MORROW #10995 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
3/25/96

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN		
DESIGNED BY	TKM/PLL	DATE 2/96
DRAWN BY	BS/PEB	DATE 2/96
CHECKED BY	TKM	DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH TRACT 4A
PAVING PLAN & PROFILE
TERESINA CT. / PIEDRA QUEMADA RD.

B.J.B.
5/29/96

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	10	33

BHI JOB NO. 95228A2440

DATE: MARCH, 1996

CDPS:EC9522840-TRACT4-7-PNP303-TERESINA-PNP.GRF

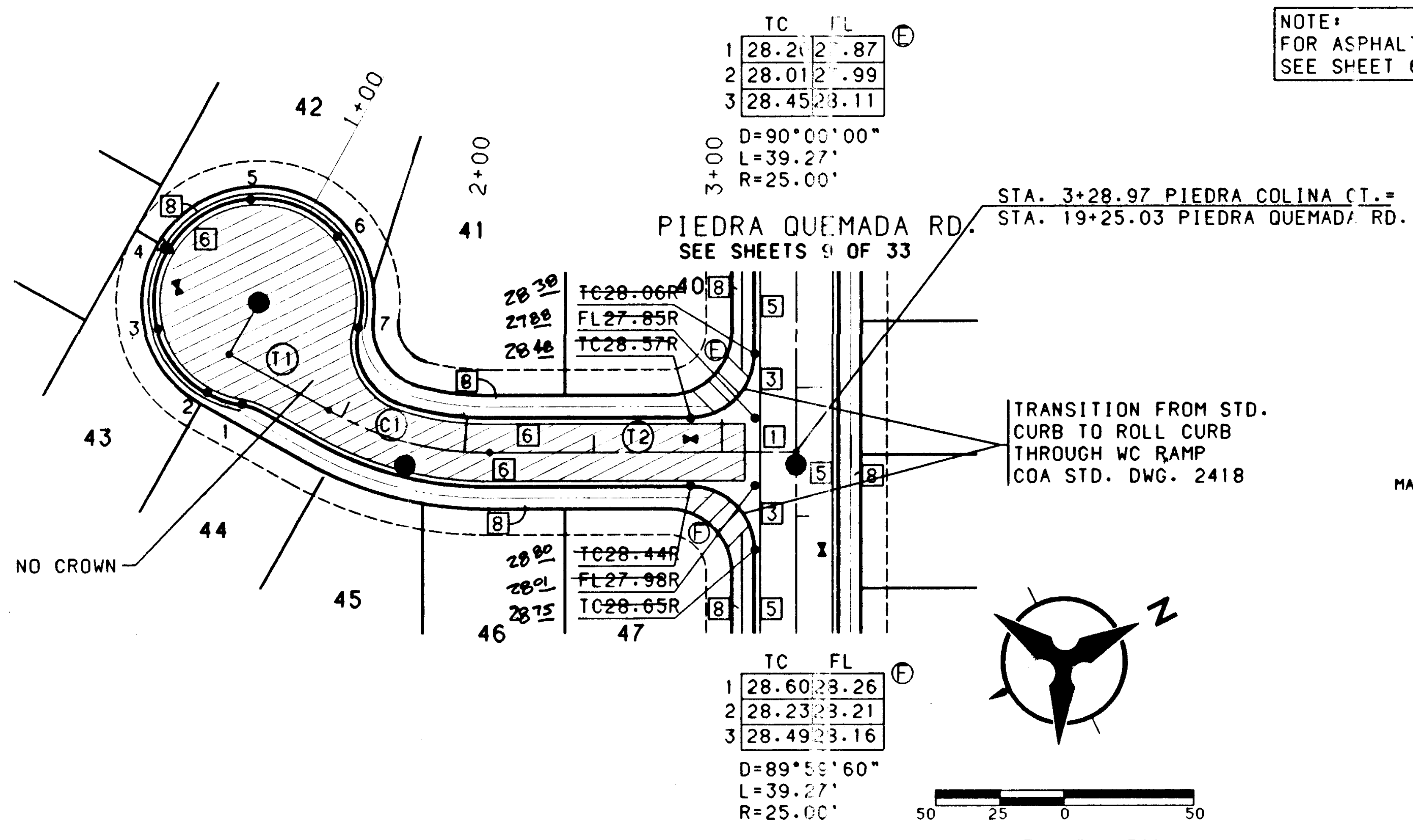
CUL-DE-SAC CURB DATA					
PT	TC	STATION & OFFSET	DELTA	PT	TC
1	~~30.91~~	1+13.82, 14.54'RT.	20°12'20"	1	30 97
2	~~31.02~~	1+00.00, 17.00'RT.	45°51'33"	2	31 08
3	~~31.18~~	0+70.29, 4.86'RT.	45°51'33"	3	31 41
4	~~31.75~~	0+60.02, 24.20'LT.	54°23'13"	4	31 79
5	~~31.54~~	0+77.69, 56.20'LT.	54°23'14"	5	31 41
6	~~31.05~~	1+14.00, 60.47'LT.	54°23'15"	6	31 02
7	~~31.65~~	1+38.62, 33.43'LT.		7	30 63
R=40.00'					

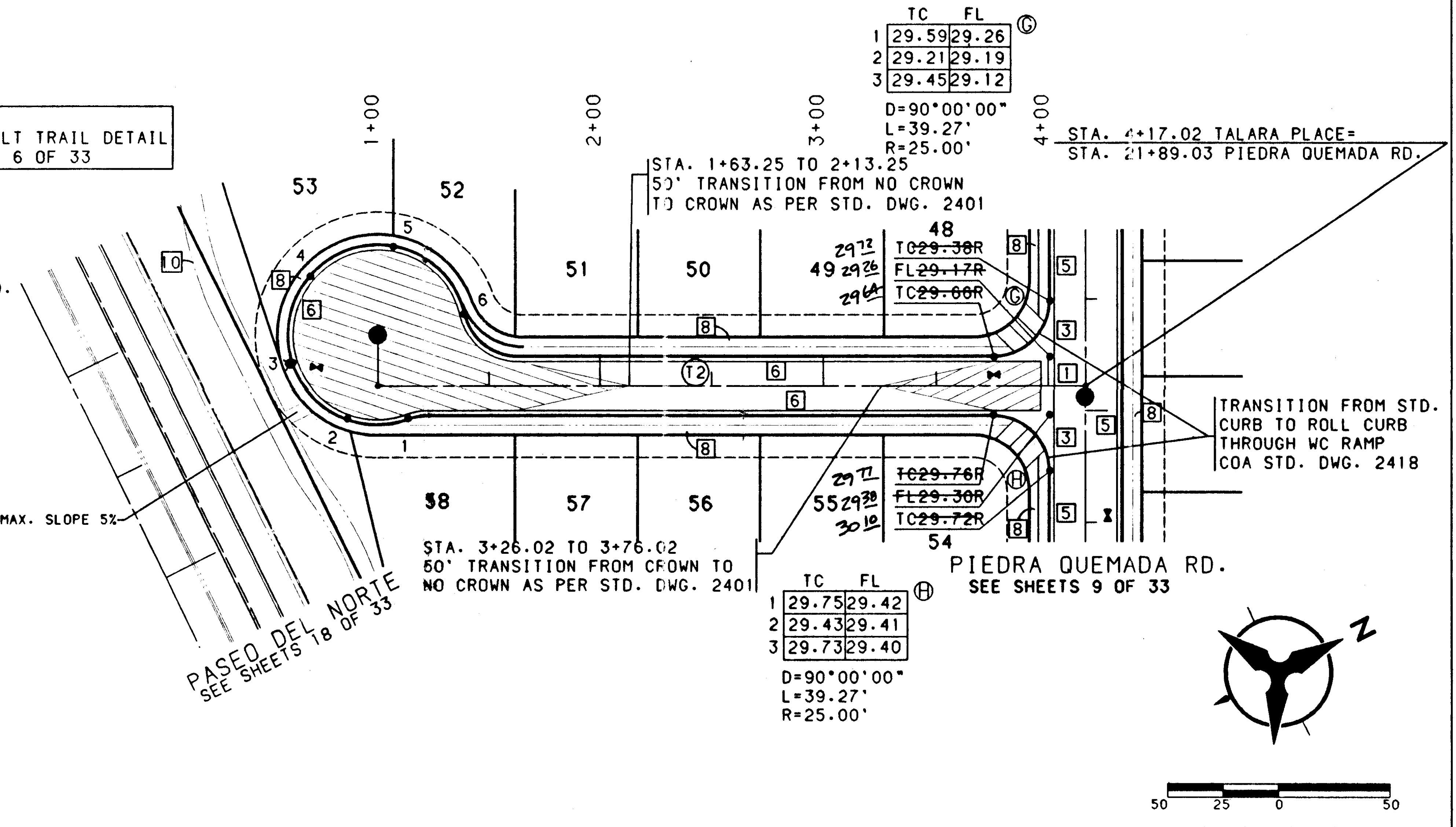
CENTERLINE CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	1+77.82	29°22'12.3"	33.55'	65.51'	128.00'

CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N55°44'52"E	44.28'
T1	N55°44'52"E	44.28'
T3	N26°22'39"E	317.02'

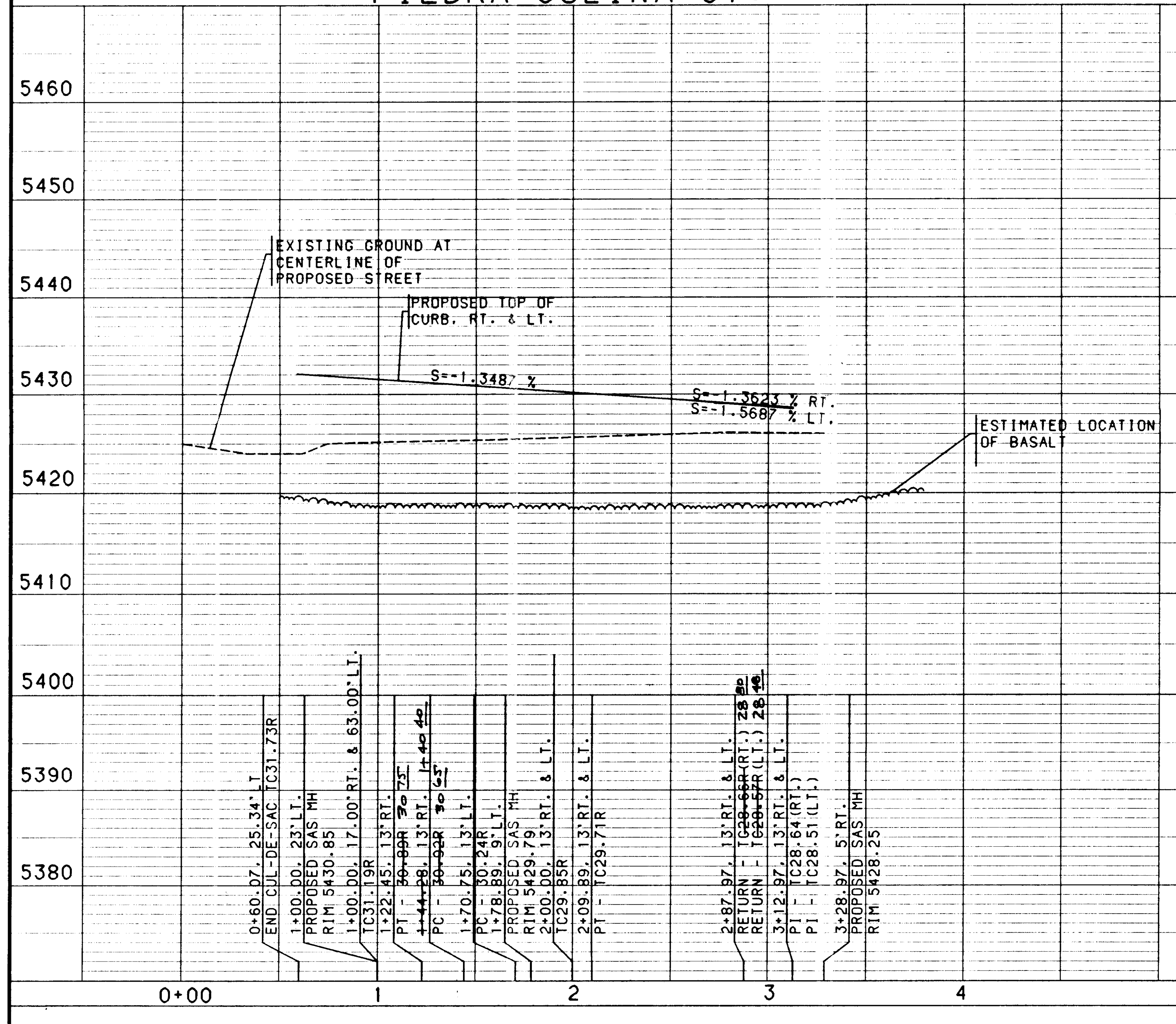
CUL-DE-SAC CURB DATA					
PT	TC	STATION & OFFSET	DELTA	PT	TC
1	~~31.07~~	1+13.82, 14.54'RT.	39°55'11"	1	31 12
2	~~31.21~~	0+86.51, 14.66'RT.	52°04'47"	2	31 24
3	~~31.33~~	0+62.00, 10.50'LT.	59°09'30"	3	31 48
4	~~31.29~~	0+69.79, 49.22'LT.	59°09'30"	4	31 34
5	~~31.10~~	1+07.02, 62.38'LT.	66°32'52"	5	31 22
6	~~30.94~~	1+38.92, 32.23'LT.		6	30 96
R=40.00'					

NOTE:
FOR ASPHALT TRAIL DETAIL
SEE SHEET 6 OF 33

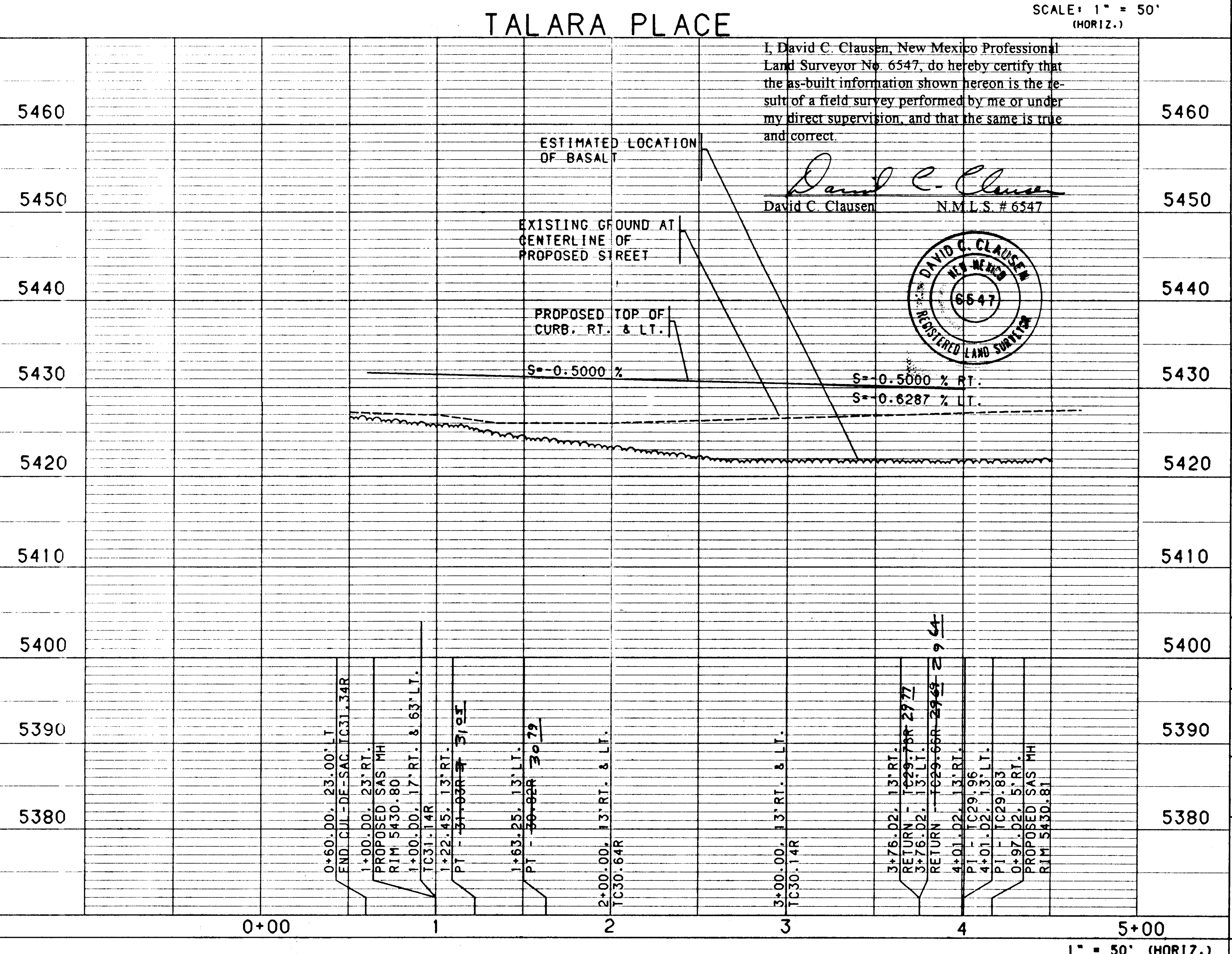

42
1+00
2+00
3+00
41
43
44
45
46
47
40
TC FL Ⓔ
1 28.20 27.87
2 28.01 27.99
3 28.45 28.11
D=90°00'00"
L=39.27'
R=25.00'
STA. 3+28.97 PIEDRA COLINA CT.=
STA. 19+25.03 PIEDRA QUEMADA RD.
PIEDRA QUEMADA RD.
SEE SHEETS 9 OF 33
28 38 ~~TC28.06R~~
27 88 ~~FL27.85R~~
28 48 ~~TC28.57R~~
28 80 ~~TC28.44R~~
28 01 ~~FL27.98R~~
28 75 ~~TC28.65R~~
TRANSITION FROM STD. CURB TO ROLL CURB THROUGH WC RAMP COA STD. DWG. 2418
NO CROWN
T1
C1
T2
TC FL Ⓕ
1 28.60 28.26
2 28.23 28.21
3 28.49 28.16
D=89°59'60"
L=39.27'
R=25.00'
50 25 0 50
SCALE: 1" = 50' (HORIZ.)


1+00
2+00
3+00
4+00
TC FL Ⓖ
1 29.59 29.26
2 29.21 29.19
3 29.45 29.12
D=90°00'00"
L=39.27'
R=25.00'
STA. 4+17.02 TALARA PLACE=
STA. 21+89.03 PIEDRA QUEMADA RD.
STA. 1+63.25 TO 2+13.25
50' TRANSITION FROM NO CROWN TO CROWN AS PER STD. DWG. 2401
53
52
51
50
48
49
29 72 ~~TC29.38R~~
29 26 ~~FL29.17R~~
29 64 ~~TC29.66R~~
T2
TRANSITION FROM STD. CURB TO ROLL CURB THROUGH WC RAMP COA STD. DWG. 2418
MAX. SLOPE 5%
58
57
56
55
54
29 77 ~~TC29.76R~~
29 30 ~~FL29.30R~~
30 10 ~~TC29.72R~~
STA. 3+26.02 TO 3+76.02
50' TRANSITION FROM CROWN TO NO CROWN AS PER STD. DWG. 2401
TC FL Ⓗ
1 29.75 29.42
2 29.43 29.41
3 29.73 29.40
D=90°00'00"
L=39.27'
R=25.00'
PIEDRA QUEMADA RD.
SEE SHEETS 9 OF 33
PASEO DEL NORTE
SEE SHEETS 18 OF 33
50 25 0 50
SCALE: 1" = 50' (HORIZ.)

PIEDRA COLINA CT.



TALARA PLACE



I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen

David C. Clausen N.M.L.S. # 6547

DAVID C. CLAUSEN 6547

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

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4"x4"x5' 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.

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11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).

12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

26-5316-91 1197

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 WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
4	INSTALL WHEEL CHAIR 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	10' MEANDERING ASPHALT TRAIL TO BE DESIGNED BY OTHERS, BUT TO BE ADDED IN THIS PLAN SET

AS-BUILT INFORMATION
CONTRACTOR Sparling Const.
WORK STAKED BY Sparling Const.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY Sparling DATE 12/96
DRAWINGS CORRECTED BY Sparling DATE 12/96

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

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

SURVEY INFORMATION
FIELD NOTES
NO.	BY	DATE

ENGINEER'S SEAL
TAMARA K. MORGAN NEW MEXICO 10005 REGISTERED PROFESSIONAL ENGINEER

REVISIONS
NO.	DATE	REMARKS	BY

DESIGN
DESIGNED BY TKM/PLL DATE 2/96
DRAWN BY BS/PEB DATE 2/96
CHECKED BY TKM DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH - TRACT 4A
PAVING PLAN & PROFILE
PIEDRA COLINA CT. / TALARA PL.

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
B.J.B. 5/29/96				

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	11	33

BHI JOB NO. 95228A2440

DATE: MARCH, 1996

CDPS:[C9522840.TRACT4-7.PNP]COLINA-TALARA-PNP.GRF

SCANNED BY BY LASON

CUL-DE-SAC CURB DATA			
PT	TC	STATION & OFFSET	DELTA
1	29.39	1+13.8 14.54'RT.	
			50°12'36"
2	29.59	0+80.0 11.64'RT.	
			50°16'35"
3	29.66	0+60.5 16.21'LT.	
			48°45'02"
4	29.62	0+68.8 48.13'LT.	
			48°41'12"
5	29.47	0+98.3 62.96'LT.	
			39°31'40"
6	29.34	1+24.1 54.89'LT.	
			39°31'40"
7	29.27	1+38.9 32.23'LT.	
R=40.00'			

KNUCKLE CURB DATA			
PT	TC	STATION & OFFSET	DELTA
1	28.48	2+96.57, 17.31'RT.	
			39°57'57"
2	28.34	3+15.52, 29.03'RT.	
			34°45'05"
3	28.28	3+35.29, 29.03'RT.	
			39°57'52"
4	28.13	3+54.24, 17.31'RT.	
R=40.00'			

Ⓚ

	TC	FL
1	27.97	27.30
2	27.18	27.16
3	27.35	27.02

D=130°49'02"
L=39.29'
R=25.00'

Ⓛ

	TC	FL
1	27.85	27.18
2	27.07	27.05
3	27.60	26.93

D=130°49'01"
L=39.27'
R=25.00'

Ⓜ

	TC	FL
1	26.05	25.38
2	25.32	25.30
3	25.89	25.22

D=130°49'01"
L=39.27'
R=25.00'

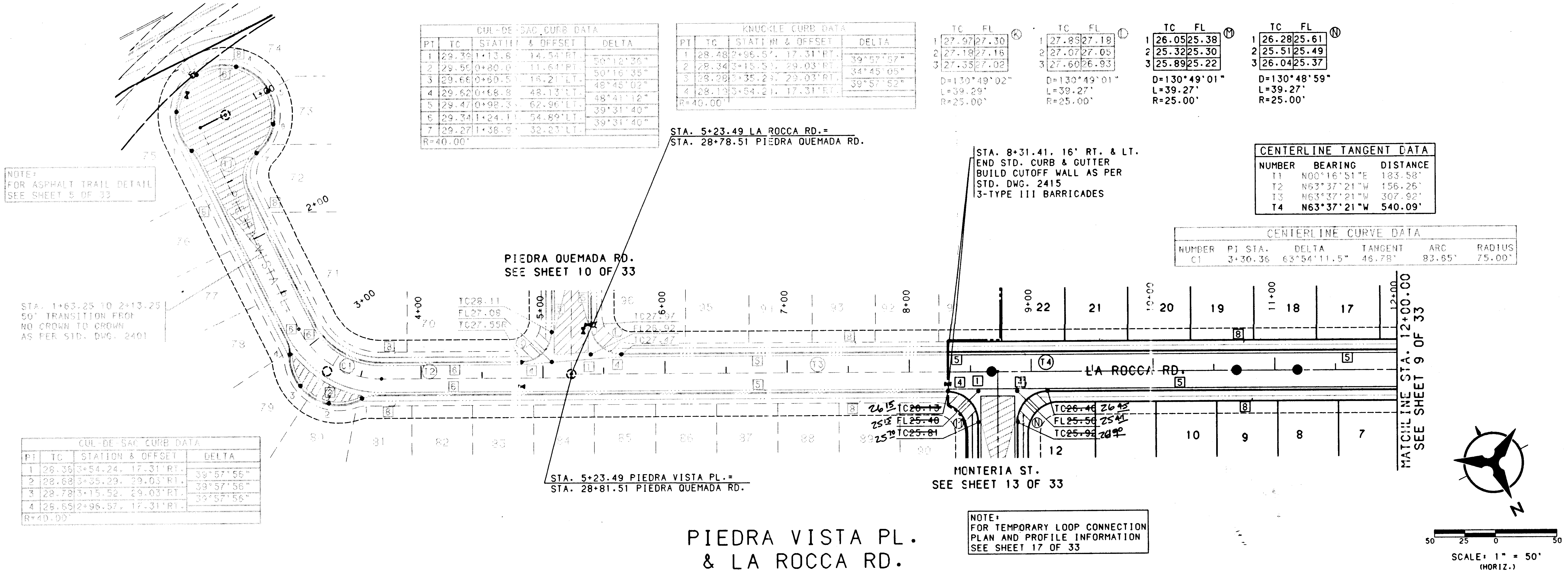
Ⓝ

	TC	FL
1	26.28	25.61
2	25.51	25.49
3	26.04	25.37

D=130°48'59"
L=39.27'
R=25.00'

CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N00°16'51"E	183.58'
T2	N63°37'21"W	156.26'
T3	N63°37'21"W	307.92'
T4	N63°37'21"W	540.09'

CENTERLINE CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	3+30.36	63°54'11.5"	46.78'	83.65'	75.00'

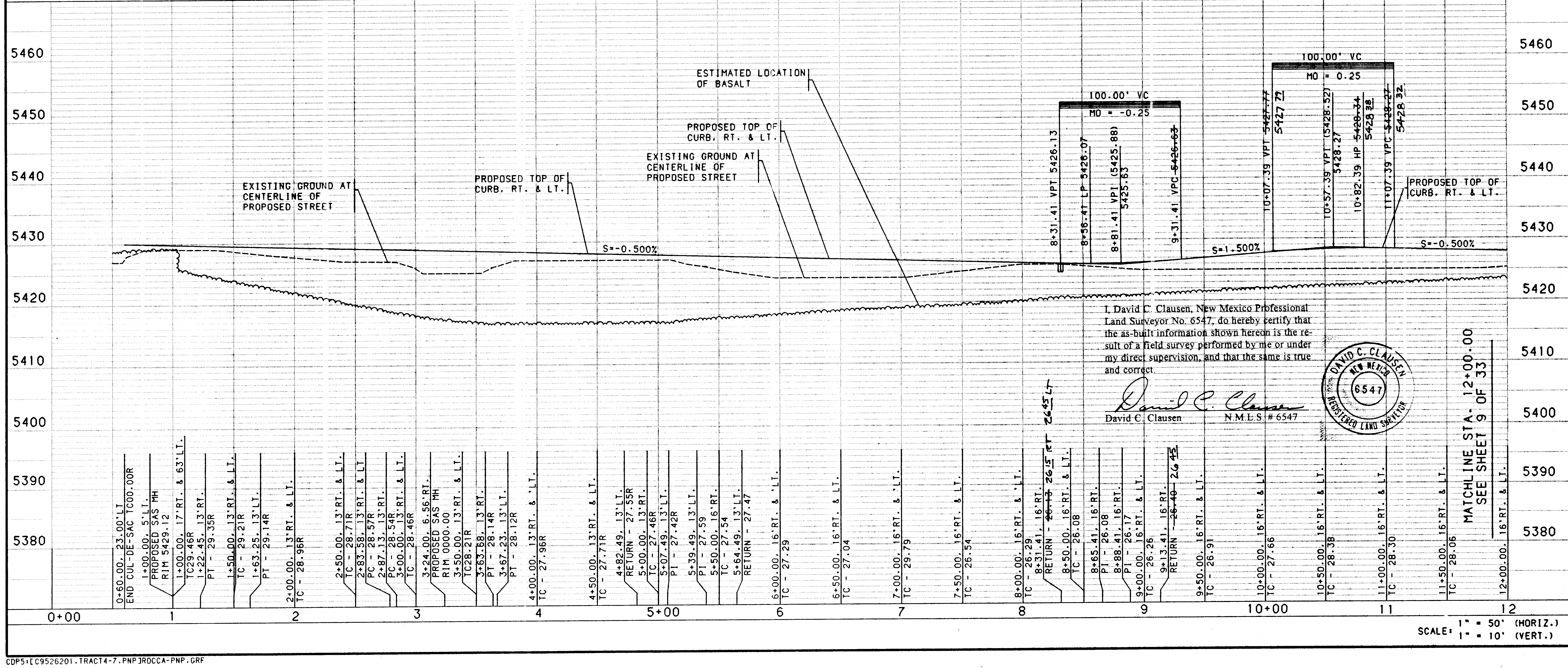


STA. 5+23.49 LA ROCCA RD.=
STA. 28+78.51 PIEDRA QUEMADA RD.
STA. 8+31.41, 16' RT. & LT.
END STD. CURB & GUTTER
BUILD CUTOFF WALL AS PER
STD. DWG. 2415
3-TYPE III BARRICADES
NOTE:
FOR ASPHALT TRAIL DETAIL
SEE SHEET 5 OF 33
STA. 1+63.25 TO 2+13.25
50' TRANSITION FROM
NO CROWN TO CROWN
AS PER STD. DWG. 2401
PIEDRA QUEMADA RD.
SEE SHEET 10 OF 33
LA ROCCA RD.
TC28.11
FL27.09
TC27.55
26 15 TC26.13
25 18 FL25.46
25 78 TC25.81
TC26.46 26 43
FL25.50 25 41
TC25.92 26 00
MONTERIA ST.
SEE SHEET 13 OF 33
MATCHLINE STA. 12+00.00
SEE SHEET 9 OF 33
STA. 5+23.49 PIEDRA VISTA PL.=
STA. 28+81.51 PIEDRA QUEMADA RD.
SCALE: 1" = 50'
(HORIZ.)

CUL-DE-SAC CURB DATA			
PT	TC	STATION & OFFSET	DELTA
1	28.36	3+54.24, 17.31'RT.	
			39°57'56"
2	28.68	3+35.29, 29.03'RT.	
			39°57'56"
3	28.78	3+15.52, 29.03'RT.	
			39°57'56"
4	28.65	2+96.57, 17.31'RT.	
R=40.00'			

NOTE:
FOR TEMPORARY LOOP CONNECTION
PLAN AND PROFILE INFORMATION
SEE SHEET 17 OF 33

PIEDRA VISTA PL. & LA ROCCA RD.



5460
5450
5440
5430
5420
5410
5400
5390
5380
ESTIMATED LOCATION OF BASALT
PROPOSED TOP OF CURB. RT. & LT.
EXISTING GROUND AT CENTERLINE OF PROPOSED STREET
S=-0.500%
S=1.500%
S=-0.500%
100.00' VC
MO = -0.25
100.00' VC
MO = 0.25
8+31.41 VPT 5426.13
8+56.41 LP 5426.07
8+81.41 VPI (5425.88) 5425.83
9+31.41 VPC ~~5426.63~~
10+07.39 VPT ~~5427.77~~ 5427.72
10+57.39 VPI (5428.52) 5428.27
10+82.39 HP ~~5428.34~~ 5428.38
11+07.39 VPC ~~5428.27~~ 5428.32
MATCHLINE STA. 12+00.00
SEE SHEET 9 OF 33
0+60.00, 23.00'LT
END CUL-DE-SAC TC000.00R
1+00.00, 5'LT
PROPOSED SAS MH
RIM 5429.12
1+00.00, 17'RT. & 63'LT.
TC - 28.96R
TC - 27.71R
TC - 27.96R
TC - 27.46R
TC - 27.04
TC - 26.54
TC - 26.08
TC - 26.91
TC - 27.66
TC - 28.38
TC - 28.30
TC - 28.06
0+00
1
2
3
4
5+00
6
7
8
9
10+00
11
12

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen
David C. Clausen NMLS # 6547

6547

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

CDP5:[C9526201.TRACT4-7.PNP]ROCCA-PNP.GRF

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

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26-5316.91 7292

KEYED GENERAL NOTES

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2	INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421
3	INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
4	INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE II
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9	BUILD 4' SIDEWALK
10	10' MEANDERING ASPHALT TRAIL TO BE DESIGNED BY OTHERS, BUT TO BE ADDED IN THIS PLAN SET

AS-BUILT INFORMATION
CONTRACTOR Sparling Const.
WORK STAKED BY Sparling Const.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY Sparling DATE 12/96
DRAWINGS CORRECTED BY Sparling DATE 12/96

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

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

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
3/25/96

REVISIONS

NO.	DATE	REMARKS	BY

DESIGN
DESIGNED BY TKM/PLL DATE 2/96
DRAWN BY PLL/BS/PB DATE 2/96
CHECKED BY TKM DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH - TRACTS 4A & 7A
PAVING PLAN & PROFILE
PIEDRA VISTA PL. / LA ROCCA RD.

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
B.J.B. 5/29/96				

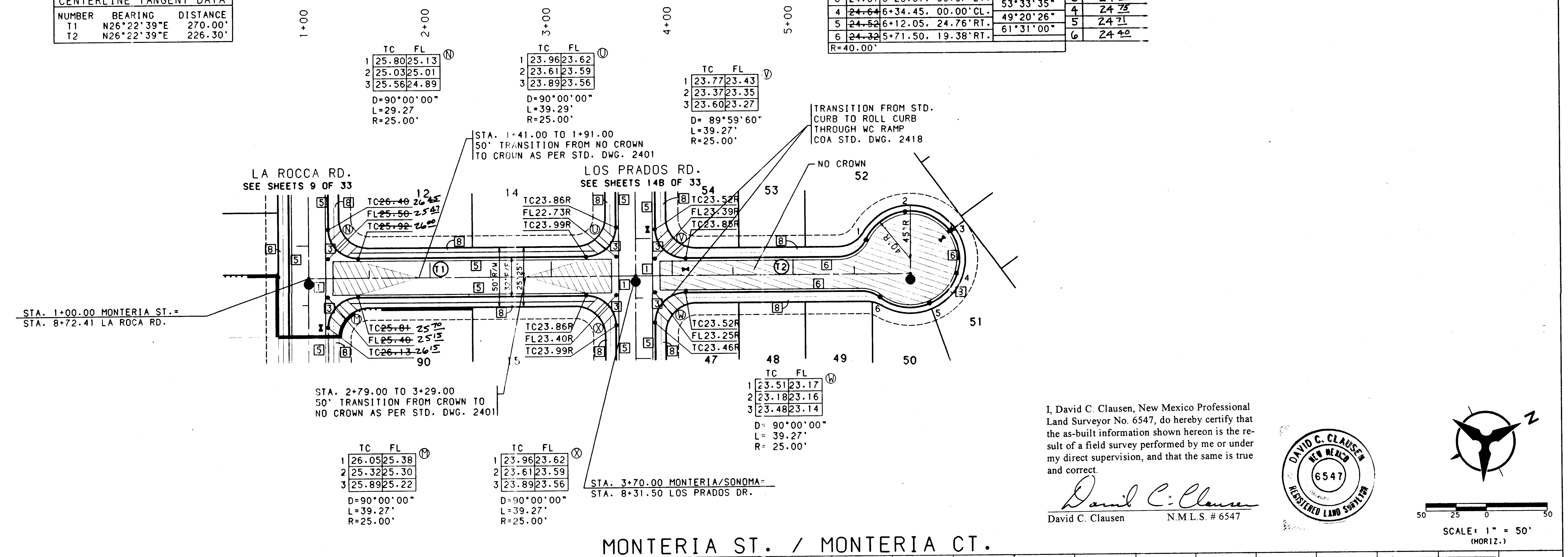
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	12	33

BHI JOB NO. 95262A2417

DATE: MARCH, 1996

CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N26°22'39"E	270.00'
T2	N26°22'39"E	226.30'

CUL-DE-SAC CURB DATA				PT	TC
PT	TC	STATION & OFFSET	DELTA		
1	~~24.26~~	5+59.91, 28.62'LT.	59°40'38"	1	24 38
2	~~24.42~~	5+92.27, 51.80'LT.	59°40'38"	2	24 59
3	~~24.61~~	6+28.61, 35.57'LT.	53°33'35"	3	24 80
4	~~24.64~~	6+34.45, 00.00'CL.	49°20'26"	4	24 75
5	~~24.52~~	6+12.05, 24.76'RT.	61°31'00"	5	24 71
6	~~24.32~~	5+71.50, 19.38'RT.		6	24 40
R=40.00'					


1+00
2+00
3+00
4+00
5+00
TC FL
1 25.80 25.13
2 25.03 25.01
3 25.56 24.89
D=90°00'00"
L=29.29'
R=25.00'
TC FL
1 23.96 23.62
2 23.61 23.59
3 23.89 23.56
D=90°00'00"
L=39.29'
R=25.00'
TC FL
1 23.77 23.43
2 23.37 23.35
3 23.60 23.27
D= 89°59'60"
L=39.27'
R=25.00'
STA. 1+41.00 TO 1+91.00
50' TRANSITION FROM NO CROWN
TO CROWN AS PER STD. DWG. 2401
TRANSITION FROM STD.
CURB TO ROLL CURB
THROUGH WC RAMP
COA STD. DWG. 2418
NO CROWN
LA ROCCA RD.
SEE SHEETS 9 OF 33
LOS PRADOS RD.
SEE SHEETS 14B OF 33
12
14
54
53
52
51
TC~~26.40~~ 26 65
FL~~25.50~~ 25 87
TC~~25.92~~ 26 0
TC23.86R
FL22.73R
TC23.99R
TC23.52R
FL23.39R
TC23.88R
STA. 1+00.00 MONTERIA ST.=
STA. 8+72.41 LA ROCA RD.
TC~~25.81~~ 25 70
FL~~25.45~~ 25 13
TC~~26.13~~ 26 15
90
TC23.86R
FL23.40R
TC23.99R
15
TC23.52R
FL23.25R
TC23.46R
47
48
49
50
45'R
TC FL
1 23.51 23.17
2 23.18 23.16
3 23.48 23.14
D= 90°00'00"
L= 39.27'
R= 25.00'
STA. 2+79.00 TO 3+29.00
50' TRANSITION FROM CROWN TO
NO CROWN AS PER STD. DWG. 2401
TC FL
1 26.05 25.38
2 25.32 25.30
3 25.89 25.22
D=90°00'00"
L=39.27'
R=25.00'
TC FL
1 23.96 23.62
2 23.61 23.59
3 23.89 23.56
D=90°00'00"
L=39.27'
R=25.00'
STA. 3+70.00 MONTERIA/SONOMA=
STA. 8+31.50 LOS PRADOS DR.
N
50 25 0 50
SCALE: 1" = 50'
(HORIZ.)

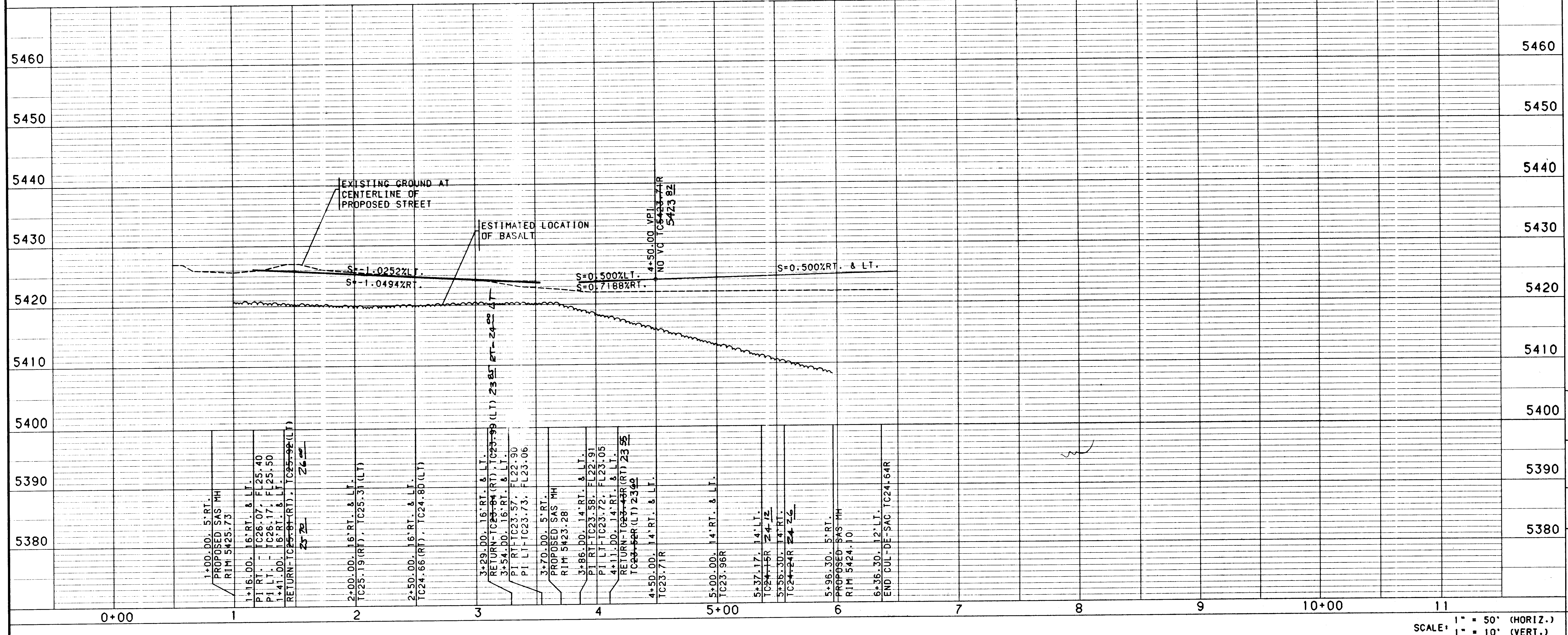
I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen

David C. Clausen N.M.L.S. # 6547

DAVID C. CLAUSEN 6547

MONTERIA ST. / MONTERIA CT.



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26-5316.91.1397

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 WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
4	INSTALL WHEEL CHAIR 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
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9	BUILD 4' SIDEWALK
10	10' MEANDERING ASPHALT TRAIL TO BE DESIGNED BY OTHERS, BUT TO BE ADDED IN THIS PLAN SET

ENGINEER'S SEAL

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X = 357,526.69
Y = 1,525,158.35
GROUND-TO-GRID FACTOR = 0.9996640
Δα= -00°16'30"
NGVD 1929 ELEVATION = 5419.522

AS-BUILT INFORMATION

CONTRACTOR Spalding Const.
WORK STAKED BY Spalding Const.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY Spalding DATE 12/96
DRAWINGS CORRECTED BY Spalding DATE 12/96

MICRO-FILM INFORMATION

RECORDED BY
DATE
NO.

REVISIONS

NO.	DATE	REMARKS	BY

DESIGNED BY	PLL/TKM	DATE 2/96
DRAWN BY	BS/PEB	DATE 2/96
CHECKED BY	TKM	DATE 2/96

DESIGN

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

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VENTANA RANCH - TRACTS 4A & 7A
PAVING PLAN & PROFILE
MONTERIA ST. / SONOMA CT.

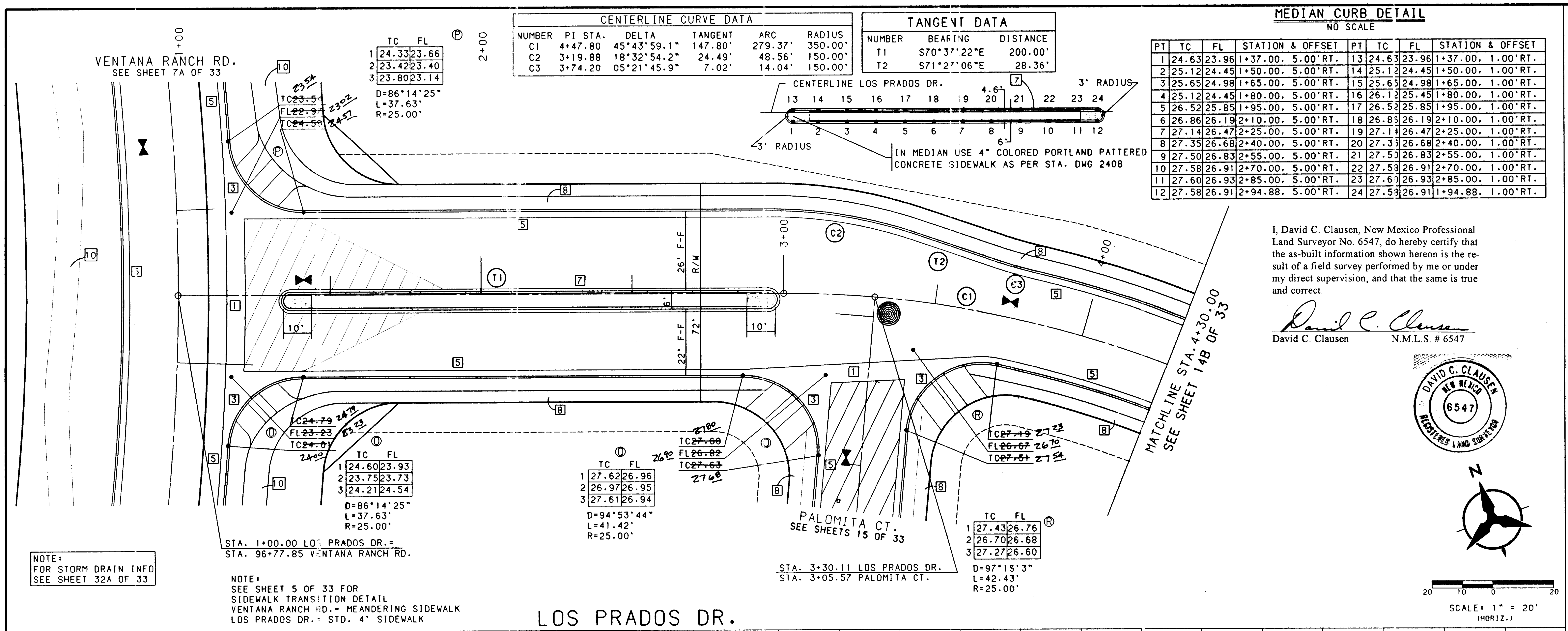
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
B.J.B. 5/29/96				

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	13	33

BHI JOB NO. 95228A2440

DATE: MARCH,1996

CDP5:[C9522840.TRACT4-7.PNP]MONTERIA-PNP.GRF


VENTANA RANCH RD.
SEE SHEET 7A OF 33
1+00
2+00
3+00
4+00
CENTERLINE LOS PRADOS DR.
3' RADIUS
3' RADIUS
4.6'
6'
IN MEDIAN USE 4" COLORED PORTLAND PATTERED CONCRETE SIDEWALK AS PER STA. DWG 2408
26' F-F
22' F-F
72'
R/W
10'
10'
6'
T1
T2
C1
C2
C3
Ⓟ
Ⓞ
Ⓠ
Ⓡ
TC~~23.5~~ 23.54
FL~~22.9~~ 23.02
TC~~24.59~~ 24.57
TC~~24.79~~ 24.79
FL~~23.23~~ 23.23
TC~~24.01~~ 24.00
TC~~27.60~~ 27.80
FL~~26.82~~ 26.90
TC~~27.63~~ 27.68
TC~~27.19~~ 27.23
FL~~26.67~~ 26.70
TC~~27.51~~ 27.54
PALOMITA CT.
SEE SHEETS 15 OF 33
MATCHLINE STA. 4+30.00
SEE SHEET 14B OF 33
N
20 10 0 20
SCALE: 1" = 20' (HORIZ.)

	TC	FL
1	24.33	23.66
2	23.42	23.40
3	23.80	23.14

D=86°14'25"
L=37.63'
R=25.00'

	TC	FL
1	24.60	23.93
2	23.75	23.73
3	24.21	24.54

D=86°14'25"
L=37.63'
R=25.00'

	TC	FL
1	27.62	26.96
2	26.97	26.95
3	27.61	26.94

D=94°53'44"
L=41.42'
R=25.00'

	TC	FL
1	27.43	26.76
2	26.70	26.68
3	27.27	26.60

D=97°15'3"
L=42.43'
R=25.00'

STA. 1+00.00 LOS PRADOS DR.=
STA. 96+77.85 VENTANA RANCH RD.

STA. 3+30.11 LOS PRADOS DR.
STA. 3+05.57 PALOMITA CT.

NOTE:
FOR STORM DRAIN INFO
SEE SHEET 32A OF 33

NOTE:
SEE SHEET 5 OF 33 FOR
SIDEWALK TRANSITION DETAIL
VENTANA RANCH RD.= MEANDERING SIDEWALK
LOS PRADOS DR.= STD. 4' SIDEWALK

CENTERLINE CURVE DATA

NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	4+47.80	45°43'59.1"	147.80'	279.37'	350.00'
C2	3+19.88	18°32'54.2"	24.49'	48.56'	150.00'
C3	3+74.20	05°21'45.9"	7.02'	14.04'	150.00'

TANGENT DATA

NUMBER	BEARING	DISTANCE
T1	S70°37'22"E	200.00'
T2	S71°27'06"E	28.36'

MEDIAN CURB DETAIL

NO SCALE

PT	TC	FL	STATION & OFFSET	PT	TC	FL	STATION & OFFSET
1	24.63	23.96	1+37.00, 5.00'RT.	13	24.63	23.96	1+37.00, 1.00'RT.
2	25.12	24.45	1+50.00, 5.00'RT.	14	25.12	24.45	1+50.00, 1.00'RT.
3	25.65	24.98	1+65.00, 5.00'RT.	15	25.65	24.98	1+65.00, 1.00'RT.
4	25.12	24.45	1+80.00, 5.00'RT.	16	26.12	25.45	1+80.00, 1.00'RT.
5	26.52	25.85	1+95.00, 5.00'RT.	17	26.52	25.85	1+95.00, 1.00'RT.
6	26.86	26.19	2+10.00, 5.00'RT.	18	26.86	26.19	2+10.00, 1.00'RT.
7	27.14	26.47	2+25.00, 5.00'RT.	19	27.14	26.47	2+25.00, 1.00'RT.
8	27.35	26.68	2+40.00, 5.00'RT.	20	27.35	26.68	2+40.00, 1.00'RT.
9	27.50	26.83	2+55.00, 5.00'RT.	21	27.50	26.83	2+55.00, 1.00'RT.
10	27.58	26.91	2+70.00, 5.00'RT.	22	27.53	26.91	2+70.00, 1.00'RT.
11	27.60	26.93	2+85.00, 5.00'RT.	23	27.60	26.93	2+85.00, 1.00'RT.
12	27.58	26.91	2+94.88, 5.00'RT.	24	27.53	26.91	1+94.88, 1.00'RT.

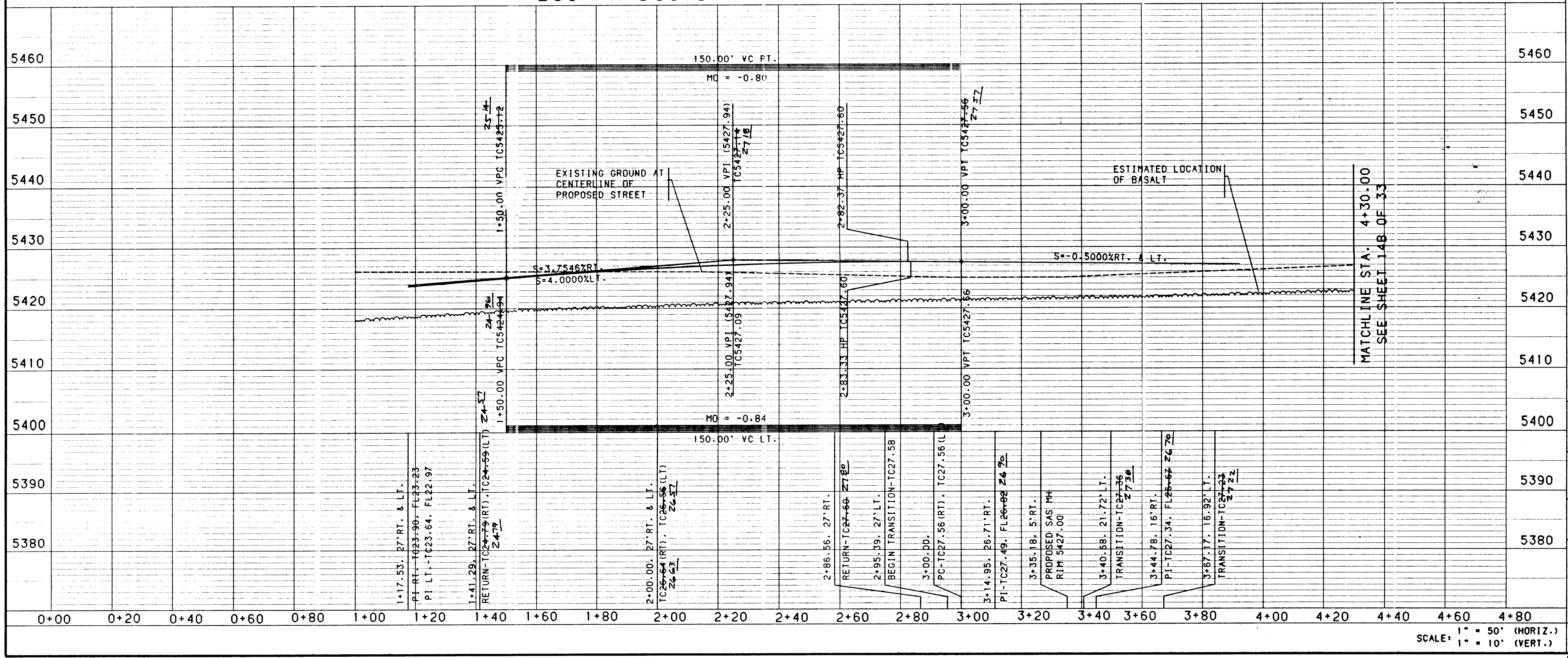
I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen

David C. Clausen N.M.L.S. # 6547

DAVID C. CLAUSEN 6547

LOS PRADOS DR.


5460
5450
5440
5430
5420
5410
5400
5390
5380
150.00' VC PT.
MO = -0.80
1+50.00 VPC TC5425.12
25.14
2+25.00 VPI (5427.94) TC5427.14
27.18
2+82.37 HP TC5427.60
3+00.00 VPT TC5427.56
27.77
EXISTING GROUND AT CENTERLINE OF PROPOSED STREET
ESTIMATED LOCATION OF BASALT
S=3.7546%RT.
S=4.0000%LT.
S=-0.5000%RT. & LT.
MATCHLINE STA. 4+30.00
SEE SHEET 14B OF 33
1+50.00 VPC TC5424.94
24.96
2+25.00 VPI (5427.94) TC5427.09
2+83.33 HP TC5427.60
3+00.00 VPT TC5427.56
MO = -0.84
150.00' VC LT.
24.57
1+17.53, 27'RT. & LT.
~~PI RT.-TC23.90, FL23.23~~
PI LT.-TC23.64, FL22.97
1+41.29, 27'RT. & LT.
RETURN-TC~~24.79~~(RT), TC~~24.59~~(LT)
24.79
2+00.00, 27'RT. & LT.
TC~~26.64~~(RT), TC~~26.56~~(LT)
26.63
26.57
2+86.56, 27'RT.
RETURN-TC~~27.60~~ 27.80
2+95.39, 27'LT.
BEGIN TRANSITION-TC27.58
3+00.00,
PC-TC27.56(RT), TC27.56(LT)
3+14.95, 26.71'RT.
PI-TC27.49, FL~~26.82~~ 26.90
3+35.18, 5'RT.
PROPOSED SAS MH
RIM 5427.00
3+40.58, 21.72'LT.
TRANSITION-TC~~27.36~~ 27.38
3+44.78, 16'RT.
PI-TC27.34, FL~~26.67~~ 26.70
3+67.17, 16.92'LT.
TRANSITION-TC~~27.23~~ 27.22
0+00
0+20
0+40
0+60
0+80
1+00
1+20
1+40
1+60
1+80
2+00
2+20
2+40
2+60
2+80
3+00
3+20
3+40
3+60
3+80
4+00
4+20
4+40
4+60
4+80

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

USERNAME: CDP5:[C9526201.TRACT4-7]PRADOS20-PNP.GRF

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4"x4"x5' 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 AND 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. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

26-5316.91144A97

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 WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
4	INSTALL WHEEL CHAIR 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	10' MEANDERING ASPHALT TRAIL TO BE DESIGNED BY OTHERS, BUT TO BE ADDED IN THIS PLAN SET

AS-BUILT INFORMATION

CONTRACTOR SPARLING CONST.
WORK STAKED BY SPARLING CONST.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY SPARLING DATE 12/96
DRAWINGS CORRECTED BY SPARLING DATE 12/96

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X =357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
Δα= -00°16'30"
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

TAMARA KINDRED 11993

REVISIONS

NO.	DATE	REMARKS	BY

DESIGN

DESIGNED BY TKM/PLL DATE 2/96
DRAWN BY BS/PEB DATE 2/96
CHECKED BY TKM DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH TRACT 7A
PAVING PLAN & PROFILE
LOS PRADOS DRIVE STA. 1+00 TO 4+30

B.J.B. 5/29/96

CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	14A	33

BHI JOB NO. [illegible]28A2440

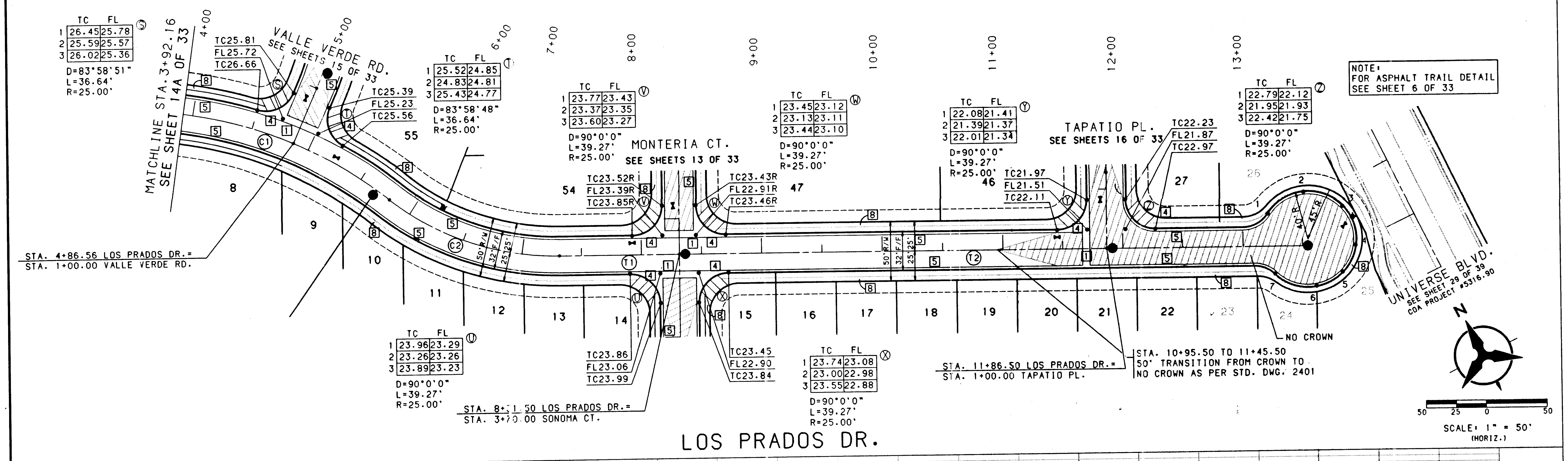
DATE: MARCH ,1996

CENTERLINE CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	4+47.60	45°43'58.1"	147.60'	279.37'	350.00'
C2	6+58.45	38°43'57.2"	79.09'	152.10'	225.00'

CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	S63°37'21"E	100.03'
T2	S63°37'21"E	523.08

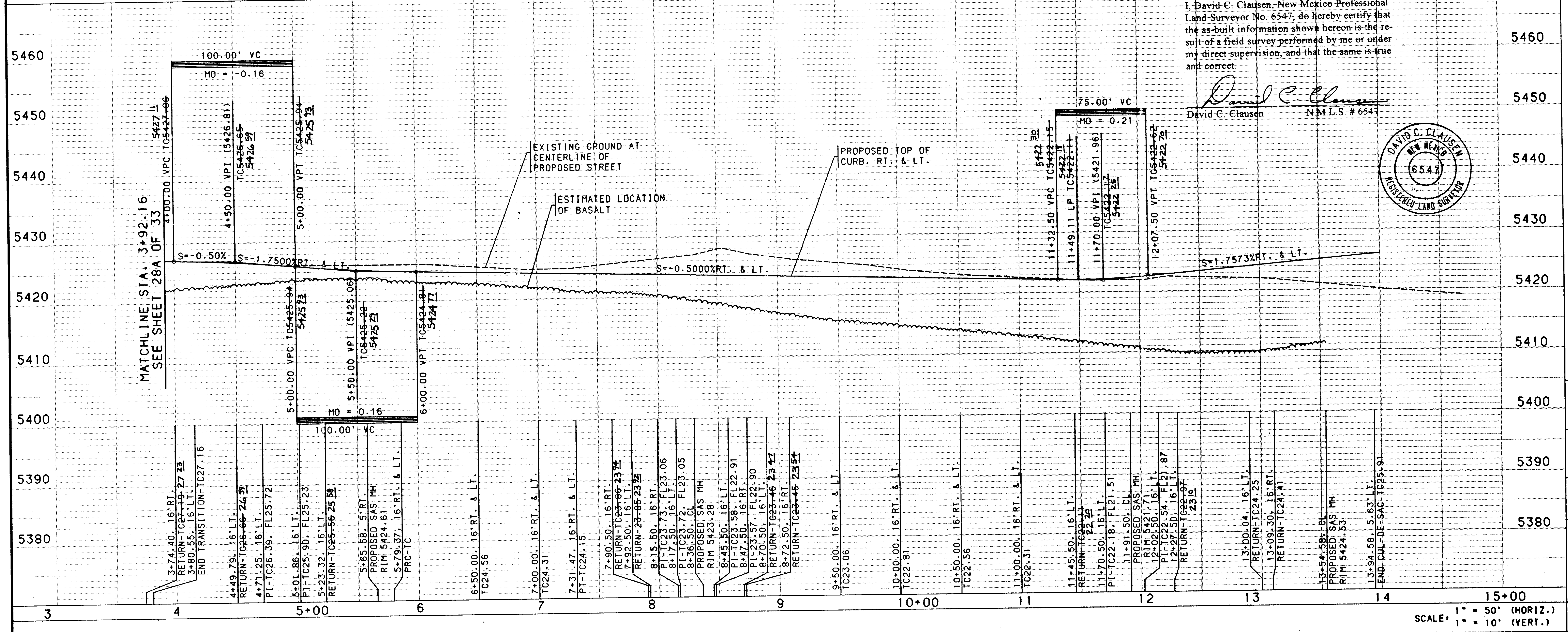
PT	TC
1	24.63
2	25.07
3	25.56
4	25.87
5	25.60
6	25.35
7	24.65

CUL-DE-SAC CURB DATA			
PT	TC	STATION & OFFSET	DELTA
1	~~24.61~~	13+21.02,27.40'LT.	51°42'45"
2	~~25.25~~	13+50.87,45.46'LT.	51°42'44"
3	~~25.71~~	13+83.54,33.23'LT.	51°42'43"
4	~~25.90~~	13+94.19, 0.00'CL.	35°58'16"
5	~~25.69~~	13+83.32,22.19'RT.	35°58'17"
6	~~25.50~~	13+61.50,33.76'RT.	54°06'55"
7	~~24.71~~	13+26.72,23.06'RT.	
R=40.00'			



TC FL Ⓢ
1 26.45 25.78
2 25.59 25.57
3 26.02 25.36
D=83°58'51"
L=36.64'
R=25.00'
MATCHLINE STA. 3+92.16
SEE SHEET 14A OF 33
4+00
5+00
6+00
7+00
8+00
9+00
10+00
11+00
12+00
13+00
TC25.81
FL25.72
TC26.66
VALLE VERDE RD.
SEE SHEETS 15 OF 33
TC25.39
FL25.23
TC25.56
TC FL Ⓣ
1 25.52 24.85
2 24.83 24.81
3 25.43 24.77
D=83°58'48"
L=36.64'
R=25.00'
55
54
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
46
47
C1
C2
T1
T2
50' R/W
32' F/F
25' 25'
STA. 4+86.56 LOS PRADOS DR.=
STA. 1+00.00 VALLE VERDE RD.
TC FL Ⓥ
1 23.77 23.43
2 23.37 23.35
3 23.60 23.27
D=90°0'0"
L=39.27'
R=25.00'
MONTERIA CT.
SEE SHEETS 13 OF 33
TC23.52R
FL23.39R
TC23.85R
TC23.43R
FL22.91R
TC23.46R
TC FL Ⓦ
1 23.45 23.12
2 23.13 23.11
3 23.44 23.10
D=90°0'0"
L=39.27'
R=25.00'
TC FL Ⓨ
1 22.08 21.41
2 21.39 21.37
3 22.01 21.34
D=90°0'0"
L=39.27'
R=25.00'
TC21.97
FL21.51
TC22.11
TAPATIO PL.
SEE SHEETS 16 OF 33
TC22.23
FL21.87
TC22.97
TC FL Ⓩ
1 22.79 22.12
2 21.95 21.93
3 22.42 21.75
D=90°0'0"
L=39.27'
R=25.00'
NOTE:
FOR ASPHALT TRAIL DETAIL
SEE SHEET 6 OF 33
40'R
45'R
UNIVERSE BLVD.
SEE SHEET 29 OF 39
COA PROJECT #5316.90
N
NO CROWN
TC FL Ⓤ
1 23.96 23.29
2 23.26 23.26
3 23.89 23.23
D=90°0'0"
L=39.27'
R=25.00'
TC23.86
FL23.06
TC23.99
TC23.45
FL22.90
TC23.84
TC FL Ⓧ
1 23.74 23.08
2 23.00 22.98
3 23.55 22.88
D=90°0'0"
L=39.27'
R=25.00'
STA. 8+31.50 LOS PRADOS DR.=
STA. 3+70.00 SONOMA CT.
STA. 11+86.50 LOS PRADOS DR.=
STA. 1+00.00 TAPATIO PL.
STA. 10+95.50 TO 11+45.50
50' TRANSITION FROM CROWN TO
NO CROWN AS PER STD. DWG. 2401
50 25 0 50
SCALE: 1" = 50'
(HORIZ.)

LOS PRADOS DR.



5460
5450
5440
5430
5420
5410
5400
5390
5380
MATCHLINE STA. 3+92.16
SEE SHEET 28A OF 33
100.00' VC
MO = -0.16
4+00.00 VPC TC~~5427.06~~ 5427.11
4+50.00 VPI (5426.81) TC~~5426.65~~ 5426.59
5+00.00 VPT TC~~5425.94~~ 5425.93
S=-0.50%
S=-1.7500%RT. & LT.
5+00.00 VPC TC~~5425.94~~ 5425.93
5+50.00 VPI (5425.06) TC~~5425.22~~ 5425.29
6+00.00 VPT TC~~5424.81~~ 5424.77
MO = 0.16
100.00' VC
EXISTING GROUND AT CENTERLINE OF PROPOSED STREET
ESTIMATED LOCATION OF BASALT
PROPOSED TOP OF CURB. RT. & LT.
S=-0.5000%RT. & LT.
75.00' VC
MO = 0.21
11+32.50 VPC TC~~5422.15~~ 5422.30
11+49.11 LP TC~~5422.11~~ 5422.19
11+70.00 VPI (5421.96) TC~~5422.17~~ 5422.25
12+07.50 VPT TC~~5422.62~~ 5422.70
S=1.7573%RT. & LT.
3+74.40, 16'RT. RETURN-TC~~27.19~~ 27.23
3+80.55, 16'LT. END TRANSITION-TC27.16
4+49.79, 16'LT. RETURN-TC~~26.66~~ 26.59
4+71.25, 16'LT. PI-TC26.39, FL25.72
5+01.86, 16'LT. PI-TC25.90, FL25.23
5+23.32, 16'LT. RETURN-TC~~25.56~~ 25.58
5+65.58, 5'RT. PROPOSED SAS MH RIM 5424.61
5+79.37, 16'RT. & LT. PRC-TC
6+50.00, 16'RT. & LT. TC24.56
7+00.00, 16'RT. & LT. TC24.31
7+31.47, 16'RT. & LT. PT-TC24.15
7+90.50, 16'RT. RETURN-TC~~23.86~~ 23.94
7+92.50, 16'LT. RETURN-~~23.85~~ 23.92
8+15.50, 16'RT. PI-TC23.73, FL23.06
8+17.50, 16'LT. PI-TC23.72, FL23.05
8+36.50, CL PROPOSED SAS MH RIM 5423.28
8+45.50, 16'LT. PI-TC23.58, FL22.91
8+47.50, 16'RT. PI-23.57, FL22.90
8+70.50, 16'LT. RETURN-TC~~23.46~~ 23.47
8+72.50, 16'RT. RETURN-TC~~23.45~~ 23.54
9+50.00, 16'RT. & LT. TC23.06
10+00.00, 16'RT. & LT. TC22.81
10+50.00, 16'RT. & LT. TC22.56
11+00.00, 16'RT. & LT. TC22.31
11+45.50, 16'LT. RETURN-TC~~22.11~~ 22.29
11+70.50, 16'LT. PI-TC22.18, FL21.51
11+91.50, CL PROPOSED SAS MH RIM 5421.71
12+02.50, 16'LT. PI-TC22.54, FL21.87
12+27.50, 16'LT. RETURN-TC~~22.97~~ 23.10
13+00.04, 16'LT. RETURN-TC24.25
13+09.30, 16'RT. RETURN-TC24.41
13+54.58, CL PROPOSED SAS MH RIM 5424.53
13+94.58, 5.63'LT. END CUL-DE-SAC TC25.91
3
4
5+00
6
7
8
9
10+00
11
12
13
14
15+00

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen
David C. Clausen N.M.L.S. # 6547

DAVID C. CLAUSEN 6547

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

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4"x4"x5' 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.

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11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).

12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB.

26-5316.91114897

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 WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
4	INSTALL WHEEL CHAIR 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	10' MEANDERING ASPHALT TRAIL TO BE DESIGNED BY OTHERS, BUT TO BE ADDED IN THIS PLAN SET

AS-BUILT INFORMATION

CONTRACTOR Spalling Const.
WORK STAKED BY Spalling Const.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY Spalling DATE 12/96
DRAWINGS CORRECTED BY Spalling DATE 12/96

MICRO-FILM INFORMATION

RECORDED BY
DATE
NO.

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X =357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

3/96

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY PLL/TKM DATE 2/96
DRAWN BY BS/PB DATE 2/96
CHECKED BY TKM DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH TRACT 7A
PAVING PLAN & PROFILE
LOS PRADOS DR.

	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
B.J.G. 5/29/96				

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	14B	33

BHI JOB NO. 95228A2440

DATE: MARCH, 1996

CDP5:EC9526201.TRACT4-7.PNPJPRADOS-PNP.GRF

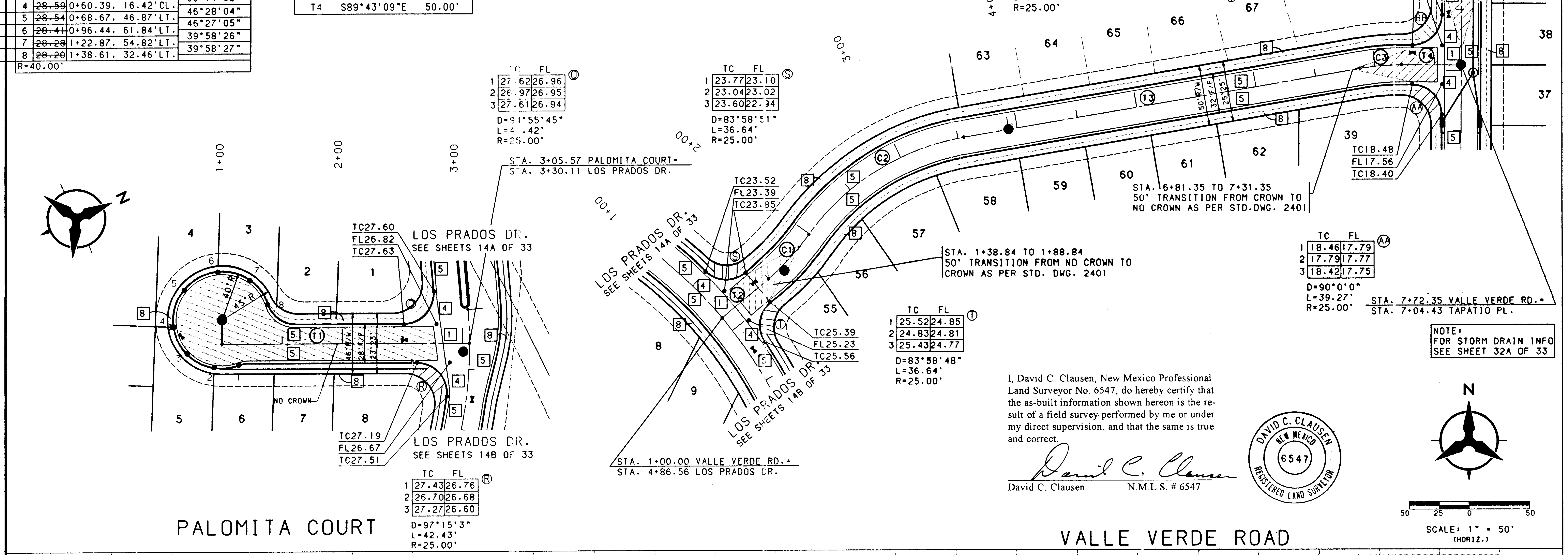
		PT	TC	STATION & OFFSET	DELTA
				CUL-DE-SAC CURB DATA	
1	28.36	1	~~28.32~~	1+13.82, 15.54'RT.	29°43'17"
2	28.52	2	~~28.42~~	0+93.39, 17.54'RT.	36°14'09"
3	28.62	3	~~28.54~~	0+71.35, 5.91'RT.	36°14'08"
4	28.75	4	~~28.59~~	0+60.39, 16.42'CL.	46°28'04"
5	28.63	5	~~28.54~~	0+68.67, 46.87'LT.	46°27'05"
6	28.51	6	~~28.41~~	0+96.44, 61.84'LT.	39°58'26"
7	28.33	7	~~28.28~~	1+22.87, 54.82'LT.	39°58'27"
8	28.15	8	~~28.20~~	1+38.61, 32.46'LT.	
		R=40.00'			

CENTERLINE TANGENT DATA

NUMBER	BEARING	DISTANCE
T1	N24°18'22"E	205.56'
T2	N49°55'01"E	50.00'
T3	N80°16'32"E	332.49'
T4	S89°43'09"E	50.00'

CENTERLINE CURVE DATA

NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	1+74.87	14°10'28.3"	24.87'	49.48'	200.00'
C2	2+81.37	44°31'59.6"	81.89'	155.45'	200.00'
C3	7+04.93	10° 0'18.5"	17.51'	34.92'	200.00'


PALOMITA COURT
VALLE VERDE ROAD
LOS PRADOS DR.
SEE SHEETS 14A OF 33
LOS PRADOS DR.
SEE SHEETS 14B OF 33
TAPATIO PL.
SEE SHEETS 16 OF 33
N
TC27.60 FL26.82 TC27.63
TC27.19 FL26.67 TC27.51
TC23.52 FL23.39 TC23.85
TC25.39 FL25.23 TC25.56
TC17.85 FL17.35 TC18.32
TC18.48 FL17.56 TC18.40
STA. 3+05.57 PALOMITA COURT= STA. 3+30.11 LOS PRADOS DR.
STA. 1+00.00 VALLE VERDE RD.= STA. 4+86.56 LOS PRADOS DR.
STA. 7+72.35 VALLE VERDE RD.= STA. 7+04.43 TAPATIO PL.
STA. 1+38.84 TO 1+88.84 50' TRANSITION FROM NO CROWN TO CROWN AS PER STD. DWG. 2401
STA. 6+81.35 TO 7+31.35 50' TRANSITION FROM CROWN TO NO CROWN AS PER STD.DWG. 2401
NOTE: FOR STORM DRAIN INFO SEE SHEET 32A OF 33
NO CROWN
SCALE: 1" = 50' (HORIZ.)
50 25 0 50

	TC	FL
1	27.62	26.96
2	26.97	26.95
3	27.61	26.94

Ⓠ D=91°55'45" L=41.42' R=25.00'

	TC	FL
1	27.43	26.76
2	26.70	26.68
3	27.27	26.60

Ⓡ D=97°15'3" L=42.43' R=25.00'

	TC	FL
1	23.77	23.10
2	23.04	23.02
3	23.60	22.94

Ⓢ D=83°58'51" L=36.64' R=25.00'

	TC	FL
1	25.52	24.85
2	24.83	24.81
3	25.43	24.77

Ⓣ D=83°58'48" L=36.64' R=25.00'

	TC	FL
1	18.20	17.54
2	17.44	17.42
3	17.97	17.30

BB D=89°59'60" L=39.27' R=25.00'

	TC	FL
1	18.46	17.79
2	17.79	17.77
3	18.42	17.75

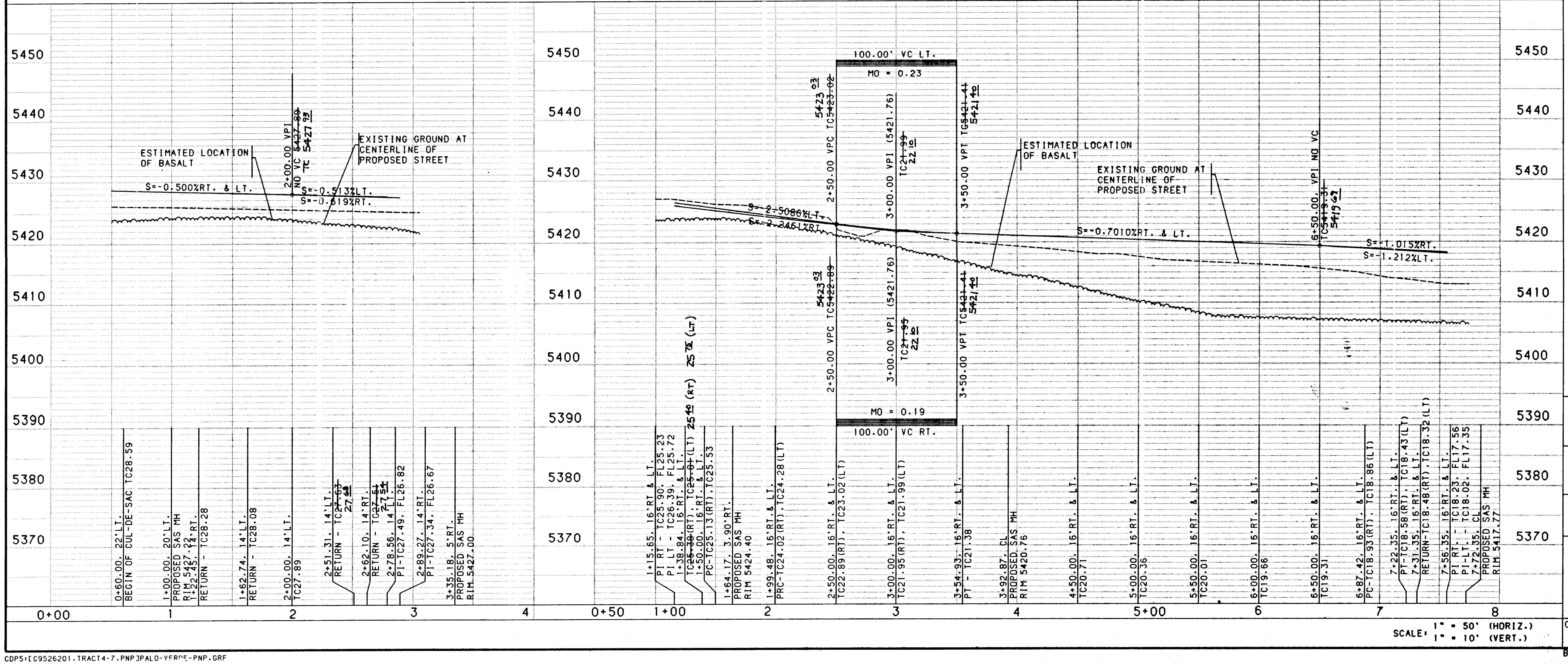
AA D=90°0'0" L=39.27' R=25.00'

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen

David C. Clausen N.M.L.S. # 6547

6547


5450
5440
5430
5420
5410
5400
5390
5380
5370
ESTIMATED LOCATION OF BASALT
EXISTING GROUND AT CENTERLINE OF PROPOSED STREET
S=-0.500%RT. & LT.
S=-0.513%LT.
S=-0.519%RT.
2+00.00 VPI NO VC
100.00' VC LT.
MO = 0.23
100.00' VC RT.
MO = 0.19
2+50.00 VPC
3+00.00 VPI (5421.76)
3+50.00 VPT
S=-2.5086%LT.
S=-2.2461%RT.
S=-0.7010%RT. & LT.
S=-1.015%RT.
S=-1.212%LT.
6+50.00 VPI NO VC
0+60.00 22'LT. BEGIN OF CUL-DE-SAC TC28.59
1+00.00 20'LT. PROPOSED SAS MH RIM 5427.72
2+00.00 14'LT. TC27.89
2+89.27 14'RT. PI-TC27.34, FL26.67
3+35.18 5'RT. PROPOSED SAS MH RIM 5427.00
1+64.17 3.90'RT. PROPOSED SAS MH RIM 5424.40
3+92.87 CL PROPOSED SAS MH RIM 5420.76
7+72.35 CL PROPOSED SAS MH RIM 5417.77
0+00 1 2 3 4
0+50 1+00 2 3 4 5+00 6 7 8
SCALE: 1" = 50' (HORIZ.) 1" = 10' (VERT.)

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4"x4"x5' 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 AND 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. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

26-5316.91 4597

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 WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
4	INSTALL WHEEL CHAIR 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	10' MEANDERING ASPHALT TRAIL TO BE DESIGNED BY OTHERS, BUT TO BE ADDED IN THIS PLAN SET

AS-BUILT INFORMATION

CONTRACTOR SPARLING CONST.
WORK STAKED BY SPARLING CONST.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY SPARLING DATE 12/96
DRAWINGS CORRECTED BY SPARLING DATE 12/96

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X = 357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

TAMARA K. MOR
3/25/96

REVISIONS

NO.	DATE	REMARKS	BY

DESIGN

DESIGNED BY TKM/PLL DATE 2/96
DRAWN BY BS/PEB DATE 2/96
CHECKED BY TKM DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH - TRACT 7
PAVING PLAN & PROFILE
PALOMITA CT. / VALLE VERDE RD.

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
B.J.H. 5/29/96				

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	15	33

BHI JOB NO. 95228A2440

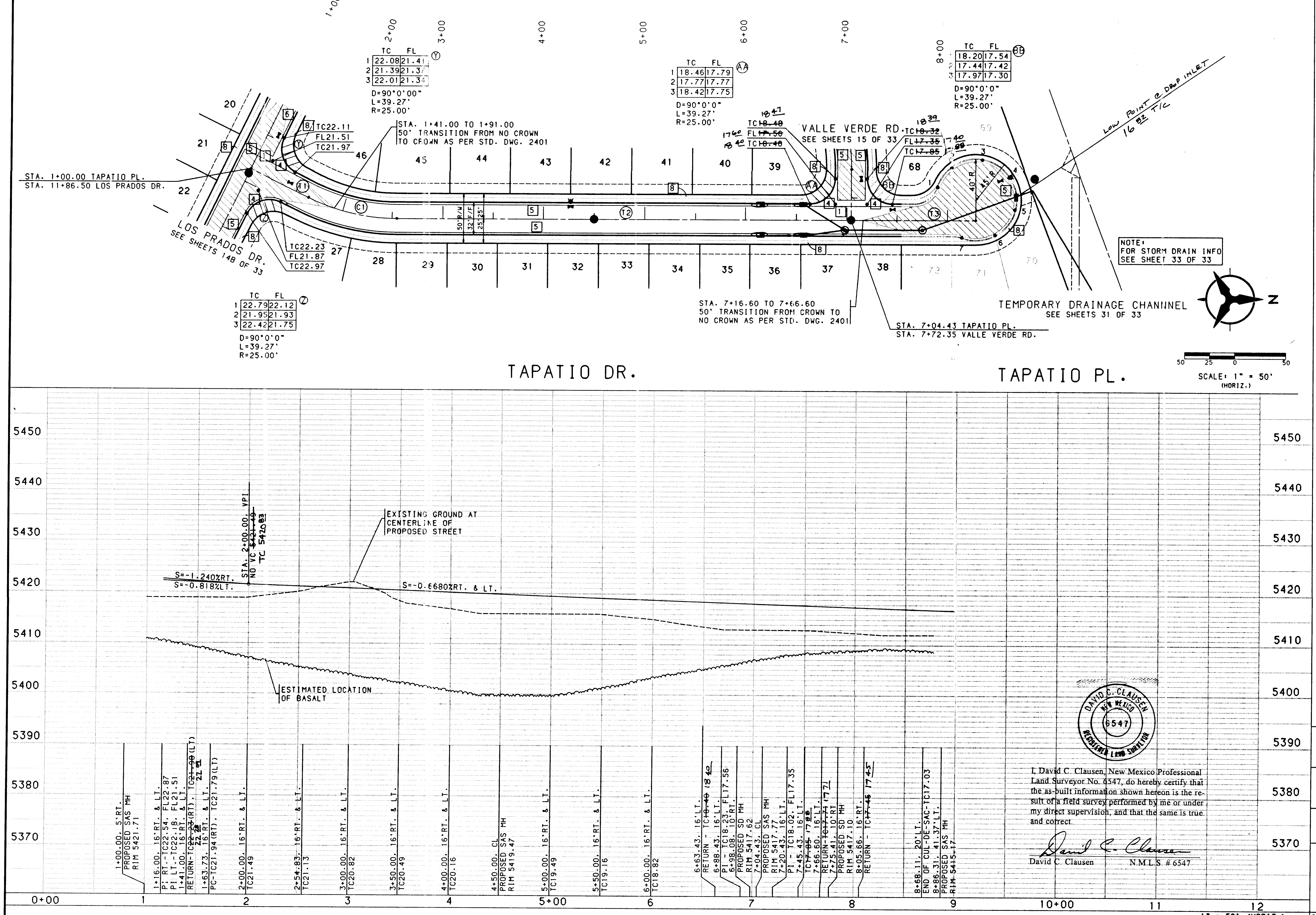
DATE: MARCH, 1996

CDPS:[C9526201.TRACT4-7.PNP]PALO-VERDE-PNP.GRF

CENTERLINE CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	2+10.08	26°5'48.6"	46.35'	91.10'	200.00'

CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	S26°22'39"E	63.73'
T2	N00°16'51"E	449.60'
T3	N00°16'51"E	123.60'

PT	TC	CUL-DE-SAC CURB DATA PT	TC	STATION & OFFSET	DELTA
1	17 58	1	~~17.56~~	7+90.26, 32.92'LT.	
2	17 45	2	~~17.46~~	8+04.04, 51.94'LT.	34°08'46"
3	17 23	3	~~17.23~~	8+34.49, 59.49'LT.	46°11'01"
4	17 00	4	~~17.05~~	8+61.02, 42.75'LT.	46°11'00"
5	17 05	5	~~17.07~~	8+66.82, 10.90'LT.	49°21'08"
6	17 13	6	~~17.17~~	8+47.44, 15.02'RT.	49°37'36"
7	17 40	7	~~17.39~~	8+14.30, 17.54'RT.	49°06'06"
		R=40.00'			


1+00
2+00
3+00
4+00
5+00
6+00
7+00
8+00
TC FL
1 22.08 21.41
2 21.39 21.34
3 22.01 21.34
D=90°0'00"
L=39.27'
R=25.00'
TC FL
1 18.46 17.79
2 17.77 17.77
3 18.42 17.75
D=90°0'0"
L=39.27'
R=25.00'
TC FL
1 18.20 17.54
2 17.44 17.42
3 17.97 17.30
D=90°0'0"
L=39.27'
R=25.00'
TC FL
1 22.79 22.12
2 21.95 21.93
3 22.42 21.75
D=90°0'0"
L=39.27'
R=25.00'
TC22.11
FL21.51
TC21.97
TC22.23
FL21.87
TC22.97
STA. 1+41.00 TO 1+91.00
50' TRANSITION FROM NO CROWN
TO CROWN AS PER STD. DWG. 2401
STA. 1+00.00 TAPATIO PL.
STA. 11+86.50 LOS PRADOS DR.
LOS PRADOS DR.
SEE SHEETS 14B OF 33
VALLE VERDE RD.
SEE SHEETS 15 OF 33
TC ~~18.48~~ 18 47
FL ~~17.56~~ 17 60
TC ~~18.48~~ 18 40
TC ~~18.32~~ 18 39
FL ~~17.35~~ 17 40
TC ~~17.85~~ 17 88
LOW POINT @ DROP INLET 16 82 T/C
40' R
45' R
STA. 7+16.60 TO 7+66.60
50' TRANSITION FROM CROWN TO
NO CROWN AS PER STD. DWG. 2401
STA. 7+04.43 TAPATIO PL.
STA. 7+72.35 VALLE VERDE RD.
NOTE:
FOR STORM DRAIN INFO
SEE SHEET 33 OF 33
TEMPORARY DRAINAGE CHANNNEL
SEE SHEETS 31 OF 33
20 21 22 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 68 69 70 71 72
50 R/W
32 F/F
25 25
N
50 25 0 50
SCALE: 1" = 50' (HORIZ.)
TAPATIO DR.
TAPATIO PL.
5450
5440
5430
5420
5410
5400
5390
5380
5370
STA. 2+00.00 VPI
NO VC ~~5421.19~~
TC 5420.83
S=-1.240%RT.
S=-0.818%LT.
S=-0.6680%RT. & LT.
EXISTING GROUND AT
CENTERLINE OF
PROPOSED STREET
ESTIMATED LOCATION
OF BASALT
1+00.00, 5'RT.
PROPOSED SAS MH
RIM 5421.71
1+16.00, 16'RT. & LT.
PI RT.-TC22.54, FL22.87
PI LT.-TC22.18, FL21.51
1+41.00, 16'RT. & LT.
RETURN-TC22.23(RT), TC21.98(LT)
1+63.73, 16'RT. & LT.
PC-TC21.94(RT), TC21.79(LT)
2+00.00, 16'RT. & LT.
TC21.49
2+54.83, 16'RT. & LT.
TC21.13
3+00.00, 16'RT. & LT.
TC20.82
3+50.00, 16'RT. & LT.
TC20.49
4+00.00, 16'RT. & LT.
TC20.16
4+50.00, CL
PROPOSED SAS MH
RIM 5419.47
5+00.00, 16'RT. & LT.
TC19.49
5+50.00, 16'RT. & LT.
TC19.16
6+00.00, 16'RT. & LT.
TC18.82
6+63.43, 16'LT.
RETURN-TC~~18.48~~ 18 40
6+88.43, 16'LT.
PI - TC18.23, FL17.56
6+98.08, 10'RT.
PROPOSED SD MH
RIM 5417.62
7+04.43, CL
PROPOSED SAS MH
RIM 5417.77
7+20.43, 16'LT.
PI - TC18.02, FL17.35
7+45.43, 16'LT.
TC~~17.85~~ 17 88
7+66.60, 16'LT.
RETURN-TC17.71
7+75.41, 10'RT.
PROPOSED SD MH
RIM 5417.10
8+05.66, 16'RT.
RETURN - TC~~17.46~~ 17 45
8+68.11, 20'LT.
END OF CUL-DE-SAC-TC17.03
8+86.31, 41.37'LT.
PROPOSED SAS MH
RIM 5416.17
0+00
1
2
3
4
5+00
6
7
8
9
10+00
11
12

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen
David C. Clausen N.M.L.S. # 6547

DAVID C. CLAUSEN NEW MEXICO 6547 REGISTERED LAND SURVEYOR

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

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

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11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).

12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

26-5316.91 1697

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 WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
- 4 INSTALL WHEEL CHAIR 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 10' MEANDERING ASPHALT TRAIL TO BE DESIGNED BY OTHERS, BUT TO BE ADDED IN THIS PLAN SET

AS-BUILT INFORMATION
CONTRACTOR SPARLING CONST.
WORK STAKED BY SPARLING CONST.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY SPARLING DATE 12/96
DRAWINGS CORRECTED BY SPARLING DATE 12/96

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

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

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
3/96

REVISIONS		
NO.	DATE	REMARKS BY

DESIGN
DESIGNED BY TKM/PLL DATE 2/96
DRAWN BY BS/PEB DATE 2/96
CHECKED BY TKM DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH TRACT 7A
PAVING PLAN & PROFILE
TAPATIO PLACE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
B.J.B. 5/29/96				

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	16	33

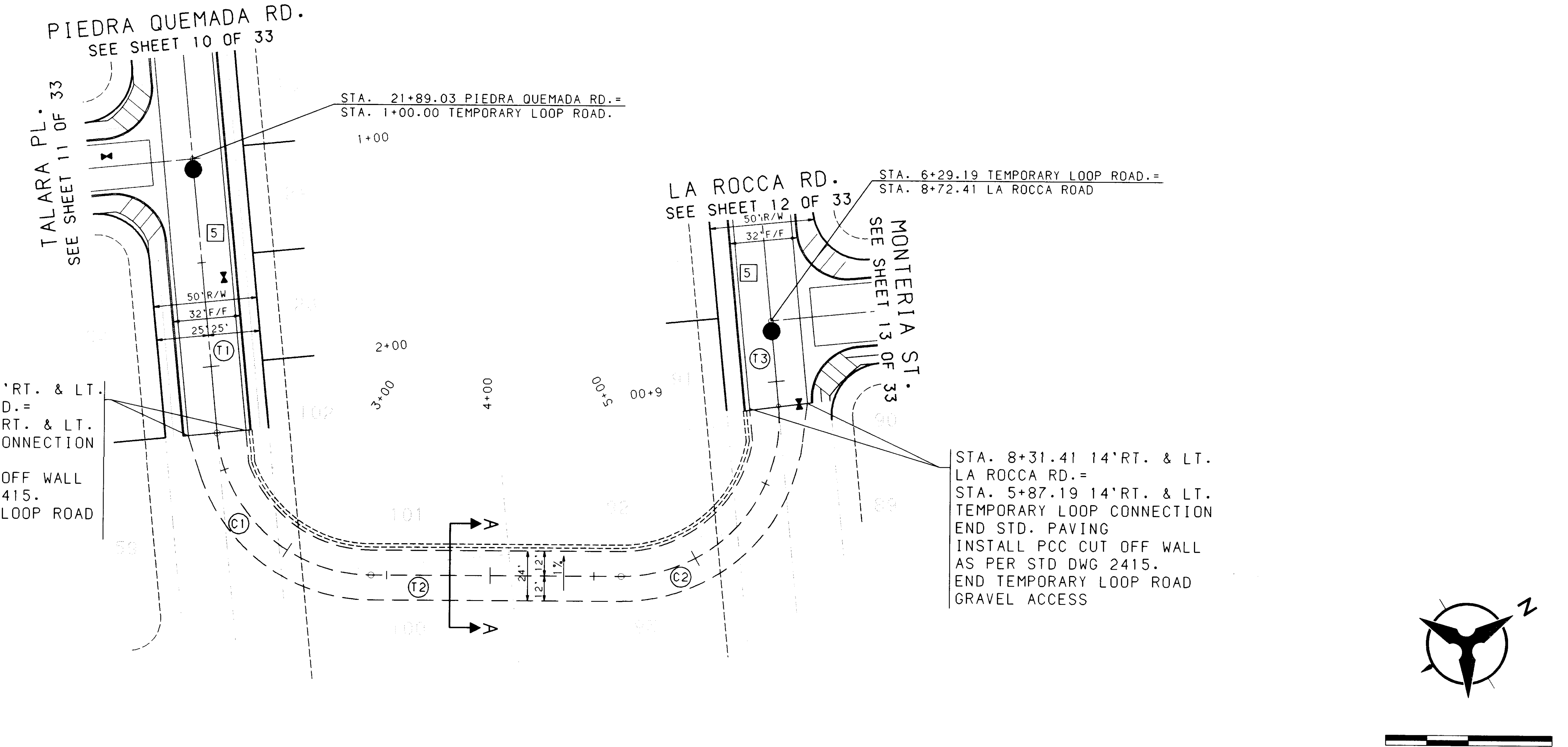
BHI JOB NO. 95228A2440

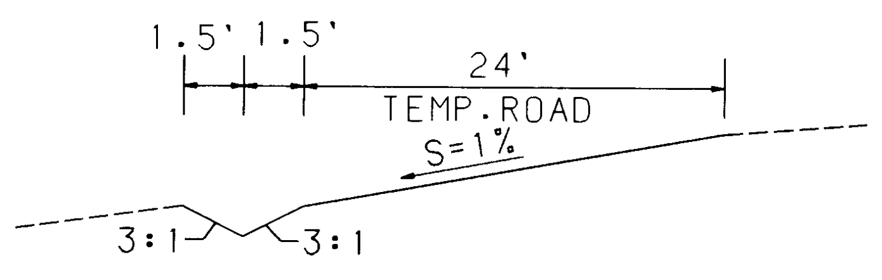
DATE: MARCH, 1996

CDP5:CC9526201.TRACT4-7.PNP]TAPATIO-PNP.GRF

CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N63°37'21"W	132.00'
T2	N31°58'07"E	120.57'
T3	N63°37'21"W	42.00'

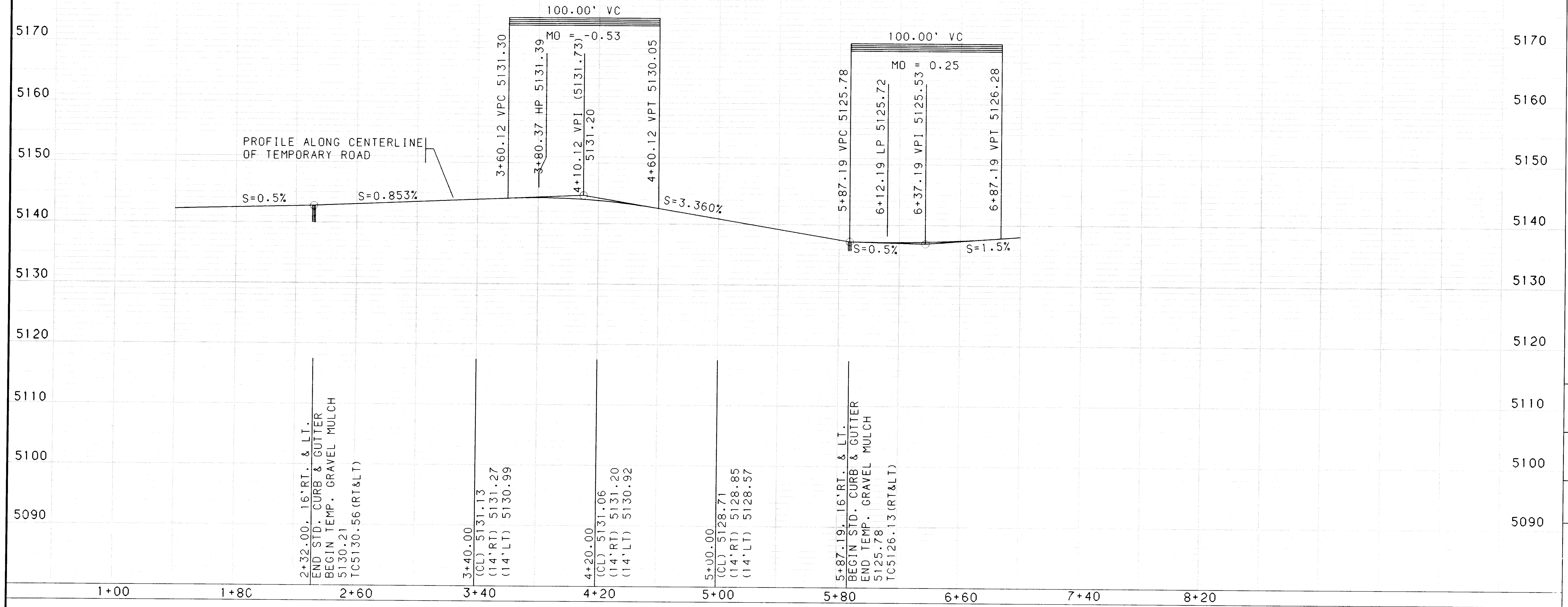
CENTERLINE CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	3+00.02	84°24'32.3"	68.02'	110.49'	75.00'
C2	5+45.77	95°35'27.7"	82.70'	125.13'	75.00'


PIEDRA QUEMADA RD.
SEE SHEET 10 OF 33
TALARA PL.
SEE SHEET 11 OF 33
STA. 21+89.03 PIEDRA QUEMADA RD.=
STA. 1+00.00 TEMPORARY LOOP ROAD.
1+00
2+00
3+00
4+00
5+00
6+00
5
50'R/W
32'F/F
25' 25'
T1
C1
T2
C2
T3
A
LA ROCCA RD.
SEE SHEET 12 OF 33
50'R/W
32'F/F
STA. 6+29.19 TEMPORARY LOOP ROAD.=
STA. 8+72.41 LA ROCCA ROAD
MONTERIA ST.
SEE SHEET 13 OF 33
STA. 23+21.03 14'RT. & LT.
PIEDRA QUEMADA RD.=
STA. 2+32.00 14'RT. & LT.
TEMPORARY LOOP CONNECTION
END STD. PAVING
INSTALL PCC CUT OFF WALL
AS PER STD DWG 2415.
BEGIN TEMPORARY LOOP ROAD
GRAVEL ACCESS
STA. 8+31.41 14'RT. & LT.
LA ROCCA RD.=
STA. 5+87.19 14'RT. & LT.
TEMPORARY LOOP CONNECTION
END STD. PAVING
INSTALL PCC CUT OFF WALL
AS PER STD DWG 2415.
END TEMPORARY LOOP ROAD
GRAVEL ACCESS
N
40 20 0 40
SCALE: 1" = 40'
(HORIZ.)


1.5' 1.5'
24'
TEMP.ROAD
S=1%
3:1
3:1

SECTION A-A
NO SCALE

TEMPORARY LOOP CONNECTION


5170
5160
5150
5140
5130
5120
5110
5100
5090
100.00' VC
MO = -0.53
3+60.12 VPC 5131.30
3+80.37 HP 5131.39
4+10.12 VPI (5131.73) 5131.20
4+60.12 VPT 5130.05
100.00' VC
MO = 0.25
5+87.19 VPC 5125.78
6+12.19 LP 5125.72
6+37.19 VPI 5125.53
6+87.19 VPT 5126.28
PROFILE ALONG CENTERLINE
OF TEMPORARY ROAD
S=0.5%
S=0.853%
S=3.360%
S=0.5%
S=1.5%
2+32.00, 16'RT. & LT.
END STD. CURB & GUTTER
BEGIN TEMP. GRAVEL MULCH
5130.21
TC5130.56(RT&LT)
3+40.00
(CL) 5131.13
(14'RT) 5131.27
(14'LT) 5130.99
4+20.00
(CL) 5131.06
(14'RT) 5131.20
(14'LT) 5130.92
5+00.00
(CL) 5128.71
(14'RT) 5128.85
(14'LT) 5128.57
5+87.19, 16'RT. & LT.
BEGIN STD. CURB & GUTTER
END TEMP. GRAVEL MULCH
5125.78
TC5126.13(RT&LT)
1+00
1+8C
2+60
3+40
4+20
5+00
5+80
6+60
7+40
8+20

SCALE: 1" = 40' (HORIZ.)
1" = 10' (VERT.)

CDPS:[C9526201.TRACT4-7.PNP]TEMP-LOOP.GRF

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4"x4"x5' 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 AND 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. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

26-5316.91 11797

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 WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
4	INSTALL WHEEL CHAIR 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	10' MEANDERING ASPHALT TRAIL TO BE DESIGNED BY OTHERS, BUT TO BE ADDED IN THIS PLAN SET

AS-BUILT INFORMATIO
CONTRACTOR SPARLING CONST.
WORK STAKED BY SPARLING CONST.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY SPARLING DATE 12/96
DRAWINGS CORRECTED BY SPARLING DATE 12/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X =357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
$\Delta\alpha$= -00°16'30"
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION
FIELD NOTES
NO.	BY	DATE

ENGINEER'S SEAL

REGISTERED

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN		
DESIGNED BY	TKM/PLL	DATE 1/96
DRAWN BY	PLL/BS/PB	DATE 1/96
CHECKED BY	TKM	DATE 1/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

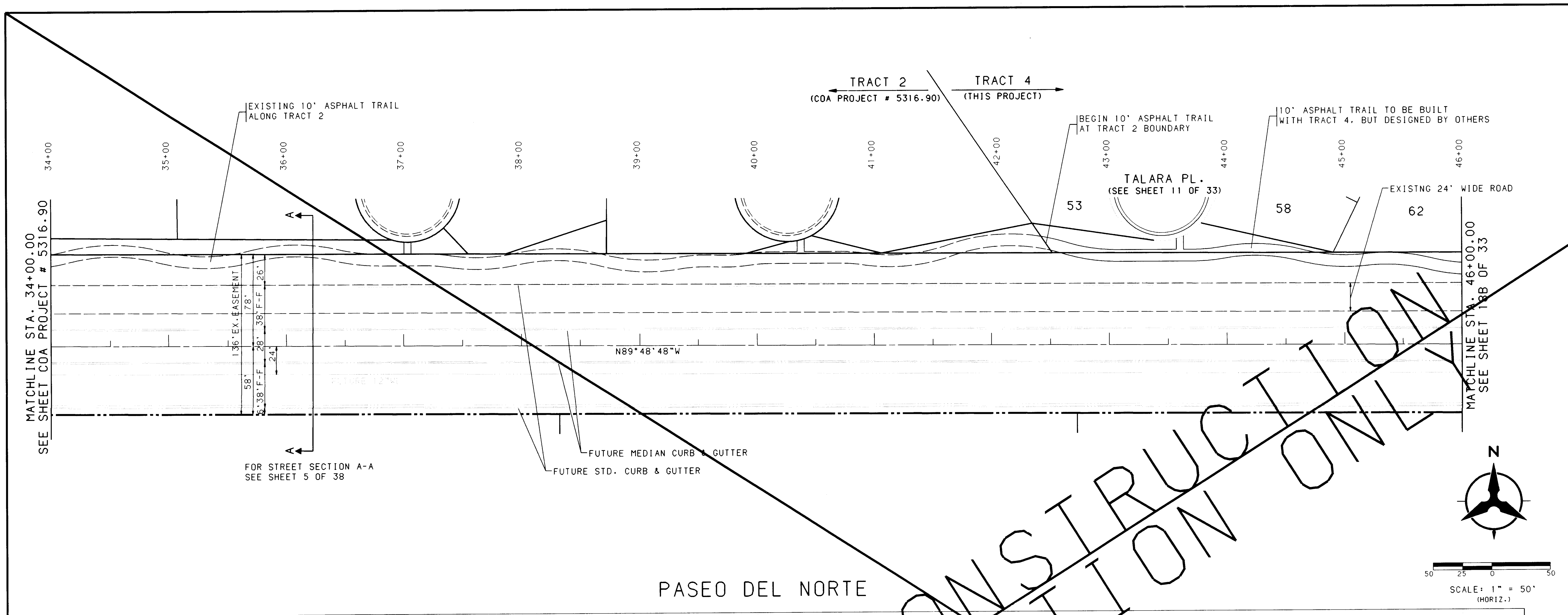
VENTANA RANCH - TRACTS 4A & 7A
PAVING PLAN & PROFILE
TEMPORARY LOOP CONNECTION

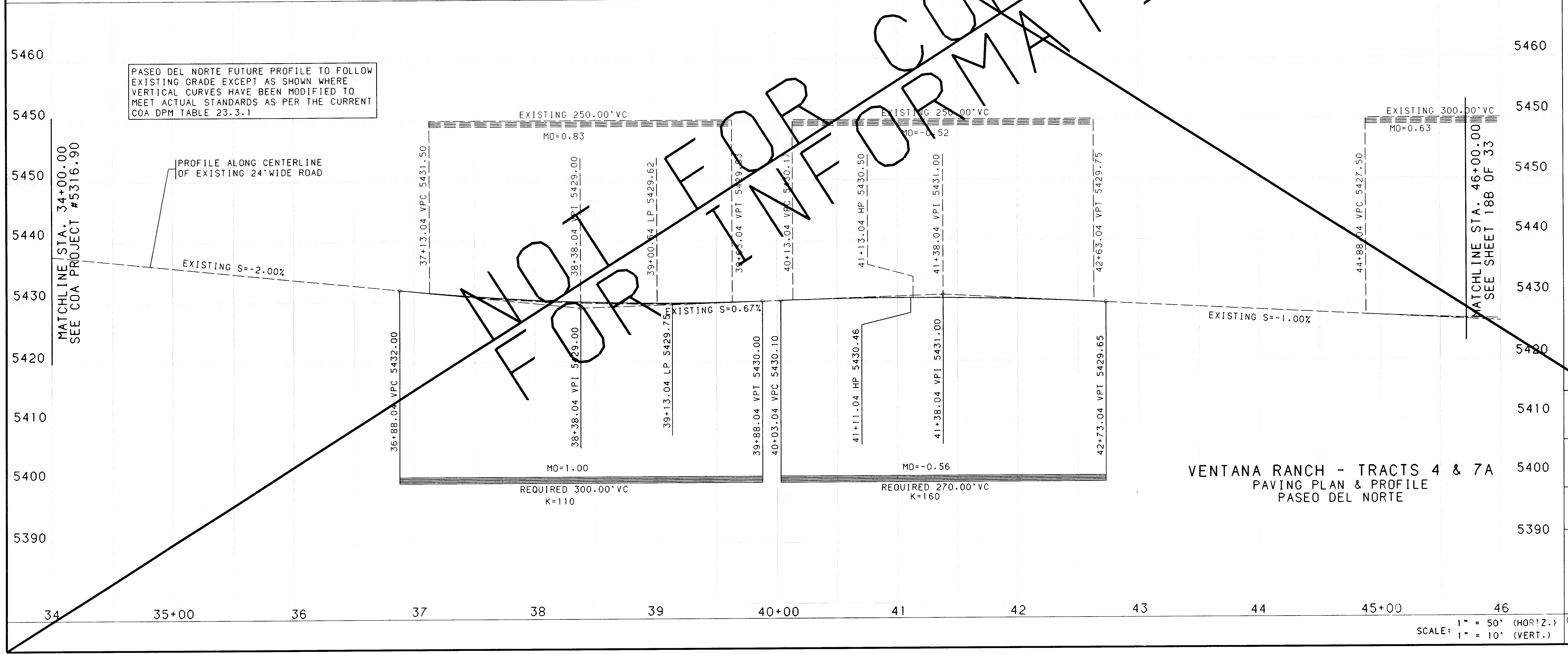
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
B.J.B. 5/29/96				

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	17	33

BHI JOB NO. 95228A2440

DATE: MARCH, 1996


TRACT 2
(COA PROJECT # 5316.90)
TRACT 4
(THIS PROJECT)
EXISTING 10' ASPHALT TRAIL ALONG TRACT 2
BEGIN 10' ASPHALT TRAIL AT TRACT 2 BOUNDARY
10' ASPHALT TRAIL TO BE BUILT WITH TRACT 4, BUT DESIGNED BY OTHERS
34+00
35+00
36+00
37+00
38+00
39+00
40+00
41+00
42+00
43+00
44+00
45+00
46+00
MATCHLINE STA. 34+00.00
SEE SHEET COA PROJECT # 5316.90
TALARA PL.
(SEE SHEET 11 OF 33)
53
58
62
EXISTNG 24' WIDE ROAD
MATCHLINE STA. 46+00.00
SEE SHEET 18B OF 33
136' EX. EASEMENT
78'
26'
38' F-F
28'
24'
58'
38' F-F
N89°48'48"W
FUTURE MEDIAN CURB & GUTTER
FUTURE STD. CURB & GUTTER
FOR STREET SECTION A-A
SEE SHEET 5 OF 38
A
PASEO DEL NORTE
N
50
25
0
50
SCALE: 1" = 50'
(HORIZ.)


5460
5450
5450
5440
5430
5420
5410
5400
5390
PASEO DEL NORTE FUTURE PROFILE TO FOLLOW EXISTING GRADE EXCEPT AS SHOWN WHERE VERTICAL CURVES HAVE BEEN MODIFIED TO MEET ACTUAL STANDARDS AS PER THE CURRENT COA DPM TABLE 23.3.1
PROFILE ALONG CENTERLINE OF EXISTING 24' WIDE ROAD
MATCHLINE STA. 34+00.00
SEE COA PROJECT #5316.90
EXISTING S=-2.00%
EXISTING 250.00'VC
MO=0.83
37+13.04 VPC 5431.50
38+38.04 VPI 5429.00
39+00.54 LP 5429.62
39+63.04 VPT 5429.83
EXISTING S=0.67%
EXISTING 250.00'VC
MO=-0.52
40+13.04 VPC 5430.17
41+13.04 HP 5430.50
41+38.04 VPI 5431.00
42+63.04 VPT 5429.75
EXISTING S=-1.00%
EXISTING 300.00'VC
MO=0.63
44+88.04 VPC 5427.50
MATCHLINE STA. 46+00.00
SEE SHEET 18B OF 33
36+88.04 VPC 5432.00
38+38.04 VPI 5429.00
39+13.04 LP 5429.75
39+88.04 VPT 5430.00
40+03.04 VPC 5430.10
41+11.04 HP 5430.46
41+38.04 VPI 5431.00
42+73.04 VPT 5429.65
MO=1.00
REQUIRED 300.00'VC
K=110
MO=-0.56
REQUIRED 270.00'VC
K=160
34
35+00
36
37
38
39
40+00
41
42
43
44
45+00
46
SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

VENTANA RANCH - TRACTS 4 & 7A
PAVING PLAN & PROFILE
PASEO DEL NORTE

NOTES

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12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

26-5316-91118A97

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 WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
4	INSTALL WHEEL CHAIR 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	10' MEANDERING ASPHALT TRAIL TO BE DESIGNED BY OTHERS, BUT TO BE ADDED IN THIS PLAN SET

AS-BUILT INFORMATION

CONTRACTOR	
WORK STAKED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X = 357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
Δα= -00°16'30"
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

TAMARA K. MONTOYA
#10995
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER

REVISIONS

NO.	DATE	REMARKS	BY

DESIGN

DESIGNED BY	TKM/PLL	DATE	2/96
DRAWN BY	BS/PEB	DATE	2/96
CHECKED BY	TKM	DATE	2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH TRACT 4 & 7A
PAVING PLAN & PROFILE
PASEO DEL NORTE

	CITY ENGINEER APPROVAL		MO./DAY/YR.	MO./DAY/YR.
B.J.B. 5/29/96		LAST DESIGN UPDATE		

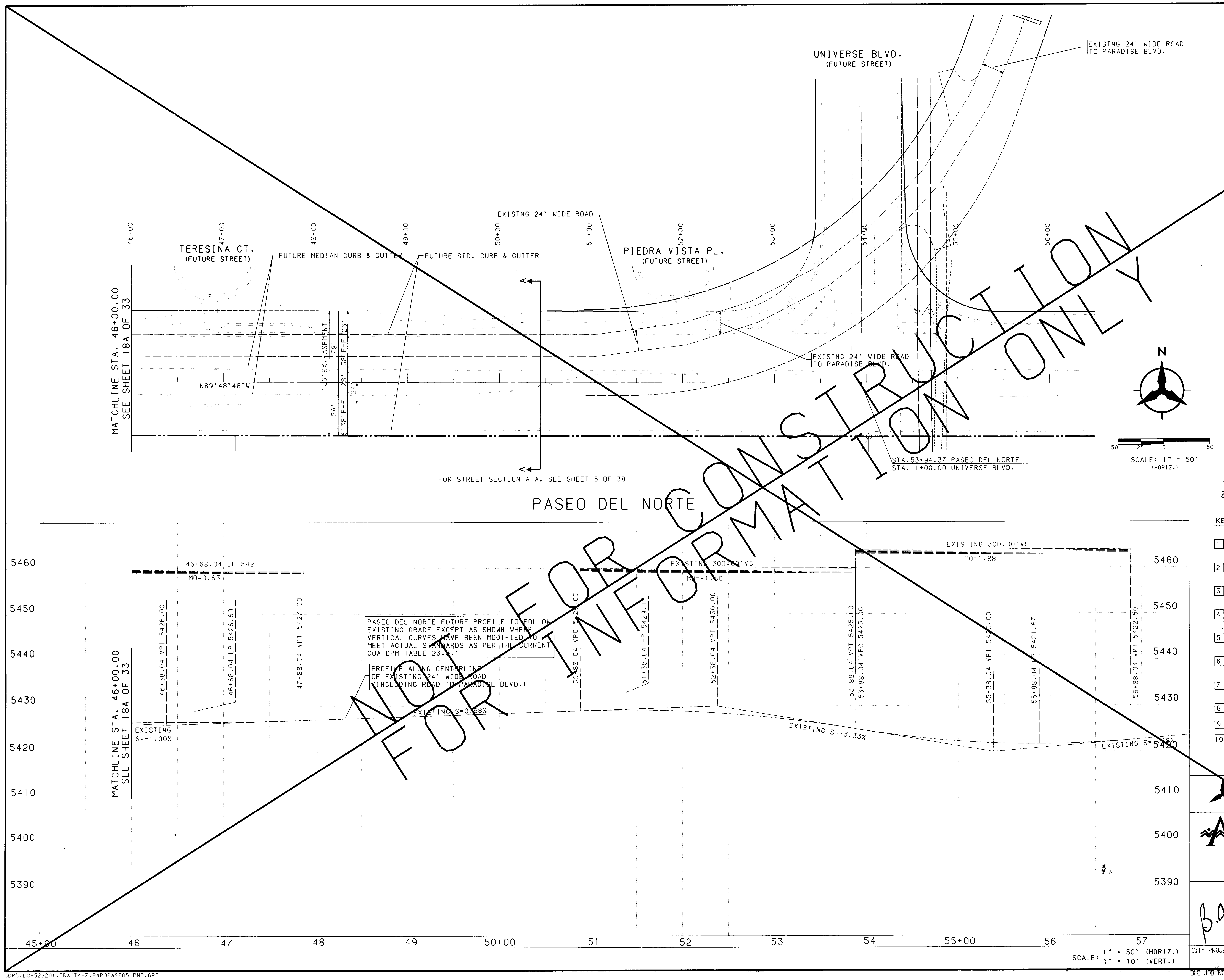
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	18A	33

NOT FOR CONSTRUCTION
FOR INFORMATION ONLY

NOT FOR CONSTRUCTION
FOR INFORMATION ONLY

CDP5:[C9526201.TRACT4-7.PNP]PASEO4-PNP.GRF

NOT FOR CONSTRUCTION
FOR INFORMATION ONLY


UNIVERSE BLVD.
(FUTURE STREET)
EXISTNG 24' WIDE ROAD TO PARADISE BLVD.
EXISTNG 24' WIDE ROAD
TERESINA CT.
(FUTURE STREET)
FUTURE MEDIAN CURB & GUTTER
FUTURE STD. CURB & GUTTER
PIEDRA VISTA PL.
(FUTURE STREET)
46+00
47+00
48+00
49+00
50+00
51+00
52+00
53+00
54+00
55+00
56+00
MATCHLINE STA. 46+00.00 SEE SHEET 18A OF 33
N89°48'48"W
136' EX. EASEMENT
78'
58'
38' F-F
28'
38' F-F
26'
24'
EXISTNG 24' WIDE ROAD TO PARADISE BLVD.
A
FOR STREET SECTION A-A, SEE SHEET 5 OF 38
STA.53+94.37 PASEO DEL NORTE = STA. 1+00.00 UNIVERSE BLVD.
N
50
25
0
50
SCALE: 1" = 50'
(HORIZ.)
PASEO DEL NORTE
46+68.04 LP 542
MO=0.63
EXISTING 300.00' VC
MO=-1.60
EXISTING 300.00' VC
MO=1.88
46+38.04 VPI 5426.00
46+68.04 LP 5426.60
47+88.04 VPI 5427.00
50+88.04 VPC 5428.00
51+38.04 HP 5429.17
52+38.04 VPI 5430.00
53+88.04 VPI 5425.00
53+88.04 VPC 5425.00
55+38.04 VPI 5420.00
55+88.04 LP 5421.67
56+88.04 VPI 5422.50
PASEO DEL NORTE FUTURE PROFILE TO FOLLOW EXISTING GRADE EXCEPT AS SHOWN WHERE VERTICAL CURVES HAVE BEEN MODIFIED TO MEET ACTUAL STANDARDS AS PER THE CURRENT COA DPM TABLE 23.2.1
PROFILE ALONG CENTERLINE OF EXISTING 24' WIDE ROAD (INCLUDING ROAD TO PARADISE BLVD.)
EXISTING S=-1.00%
EXISTING S=0.58%
EXISTING S=-3.33%
EXISTING S=-1.68%
5460
5450
5440
5430
5420
5410
5400
5390
45+00
46
47
48
49
50+00
51
52
53
54
55+00
56
57
SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)
CDPS:[C9526201.TRACT4-7.PNP]PASEO5-PNP.GRF

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

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9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.

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11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).

12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

26-5316-9118897

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 WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
4 INSTALL WHEEL CHAIR 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 10' MEANDERING ASPHALT TRAIL TO BE DESIGNED BY OTHERS, BUT TO BE ADDED IN THIS PLAN SET

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY
INSPECTOR'S ACCEPTANCE BY
FIELD VERIFICATION BY
DRAWINGS CORRECTED BY

MICRO-FILM INFORMATION
RECORDED BY
NO.

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

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY TKM/PLL DATE 2/96
DRAWN BY BS/PEB DATE 2/96
CHECKED BY TKM DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH TRACTS 4 & 7A
PAVING PLAN & PROFILE
PASEO DEL NORTE

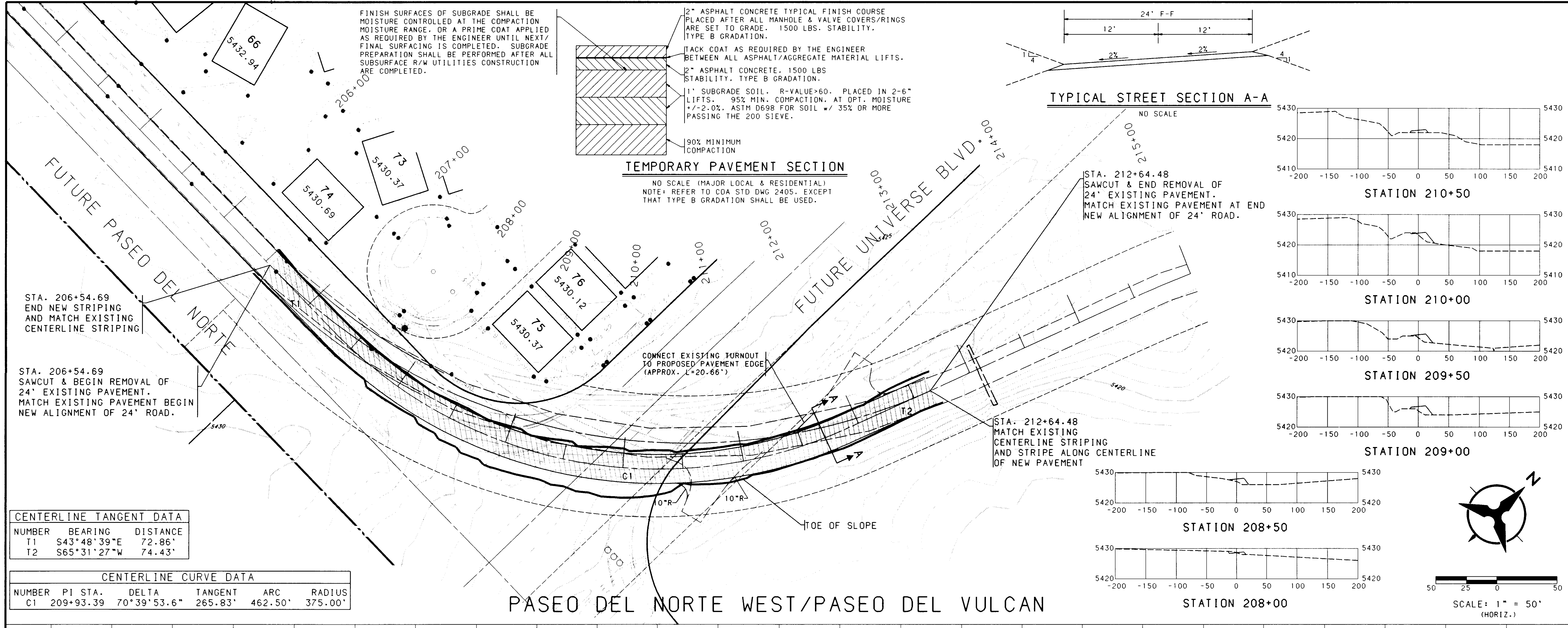
B.J.G.
5/29/96

CITY ENGINEER APPROVAL
MO./DAY/YR.
MO./DAY/YR.
LAST DESIGN UPDATE

CITY PROJECT NO. 5316.91
ZONE MAP NO. B9.B10
SHEET 18B OF 33

BHI JOB NO. 952[illegible]440

DATE: MARCH, 1996



FINISH SURFACES OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT THE COMPACTION MOISTURE RANGE, OR A PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT/FINAL SURFACING IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION ARE COMPLETED.

2" ASPHALT CONCRETE TYPICAL FINISH COURSE PLACED AFTER ALL MANHOLE & VALVE COVERS/RINGS ARE SET TO GRADE. 1500 LBS. STABILITY. TYPE B GRADATION.

TACK COAT AS REQUIRED BY THE ENGINEER BETWEEN ALL ASPHALT/AGGREGATE MATERIAL LIFTS.

2" ASPHALT CONCRETE. 1500 LBS STABILITY. TYPE B GRADATION.

1' SUBGRADE SOIL. R-VALUE>60. PLACED IN 2-6" LIFTS. 95% MIN. COMPACTION. AT OPT. MOISTURE +/-2.0%. ASTM D698 FOR SOIL w/ 35% OR MORE PASSING THE 200 SIEVE.

90% MINIMUM COMPACTION

TEMPORARY PAVEMENT SECTION

NO SCALE (MAJOR LOCAL & RESIDENTIAL)
NOTE: REFER TO COA STD DWG 2405. EXCEPT THAT TYPE B GRADATION SHALL BE USED.

TYPICAL STREET SECTION A-A

NO SCALE

STA. 212+64.48
SAWCUT & END REMOVAL OF 24' EXISTING PAVEMENT.
MATCH EXISTING PAVEMENT AT END NEW ALIGNMENT OF 24' ROAD.

STA. 206+54.69
END NEW STRIPING AND MATCH EXISTING CENTERLINE STRIPING

STA. 206+54.69
SAWCUT & BEGIN REMOVAL OF 24' EXISTING PAVEMENT.
MATCH EXISTING PAVEMENT BEGIN NEW ALIGNMENT OF 24' ROAD.

CONNECT EXISTING TURNOUT TO PROPOSED PAVEMENT EDGE (APPROX. L=20.66')

STA. 212+64.48
MATCH EXISTING CENTERLINE STRIPING AND STRIPE ALONG CENTERLINE OF NEW PAVEMENT

TOE OF SLOPE

STATION 210+50

STATION 210+00

STATION 209+50

STATION 209+00

STATION 208+50

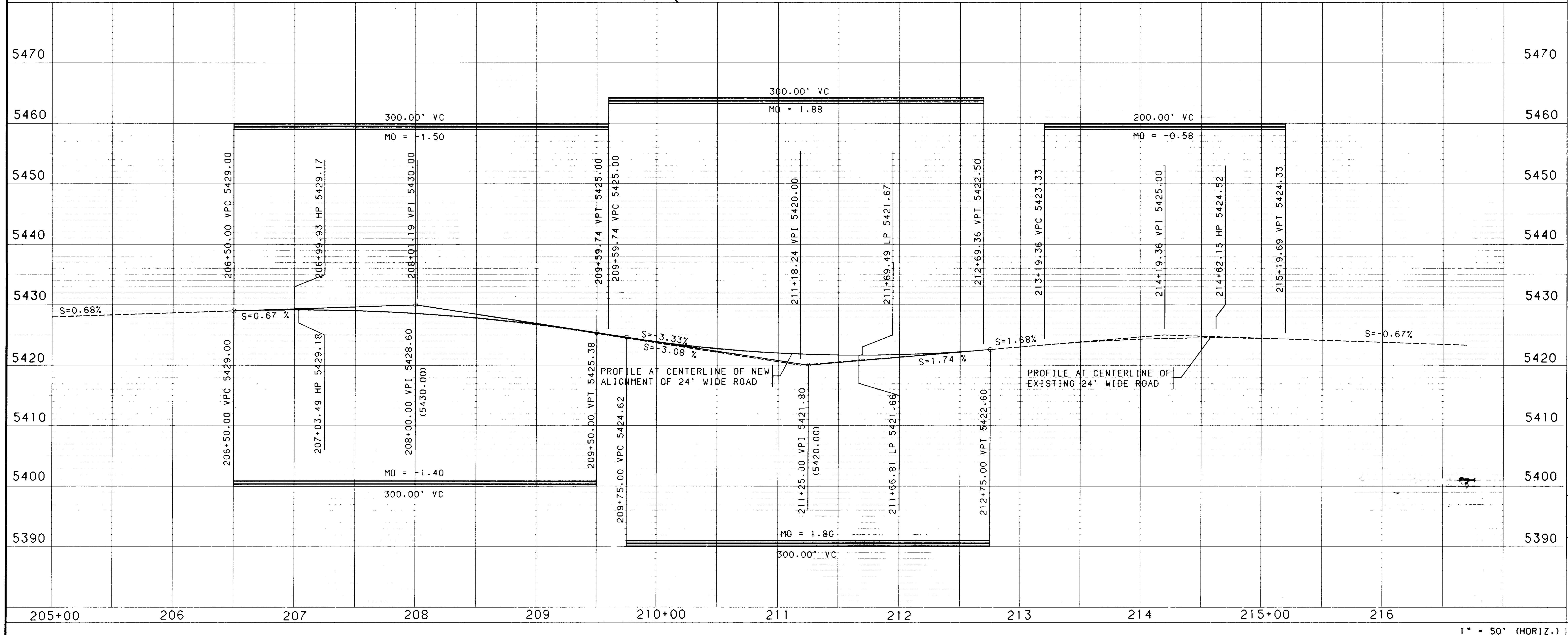
STATION 208+00

SCALE: 1" = 50'
(HORIZ.)

CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	S43°48'39"E	72.86'
T2	S65°31'27"W	74.43'

CENTERLINE CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	209+93.39	70°39'53.6"	265.83'	462.50'	375.00'

PASEO DEL NORTE WEST/PASEO DEL VULCAN



PROFILE AT CENTERLINE OF NEW ALIGNMENT OF 24' WIDE ROAD

PROFILE AT CENTERLINE OF EXISTING 24' WIDE ROAD

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

NOTES

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12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

26-5316-91118C97

☐ REMOVE 24' WIDE EXISTING PAVEMENT

▨ PROPOSED NEW PAVEMENT

AS-BUILT INFORMATION
CONTRACTOR Sparling Const.
WORK STAKED BY Sparling Const.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY Sparling DATE 12/96
DRAWINGS CORRECTED BY Sparling DATE 12/96

MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

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

SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

#10995

REVISIONS		
NO.	DATE	REMARKS	BY

DESIGN		
DESIGNED BY	PLL/TSG	DATE 3/96
DRAWN BY	PLL	DATE 3/96
CHECKED BY	TKM	DATE 3/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH - TRACT 4A & 7A
PAVING PLAN & PROFILE
PASEO DEL NORTE

B.J.G. 5/29/96

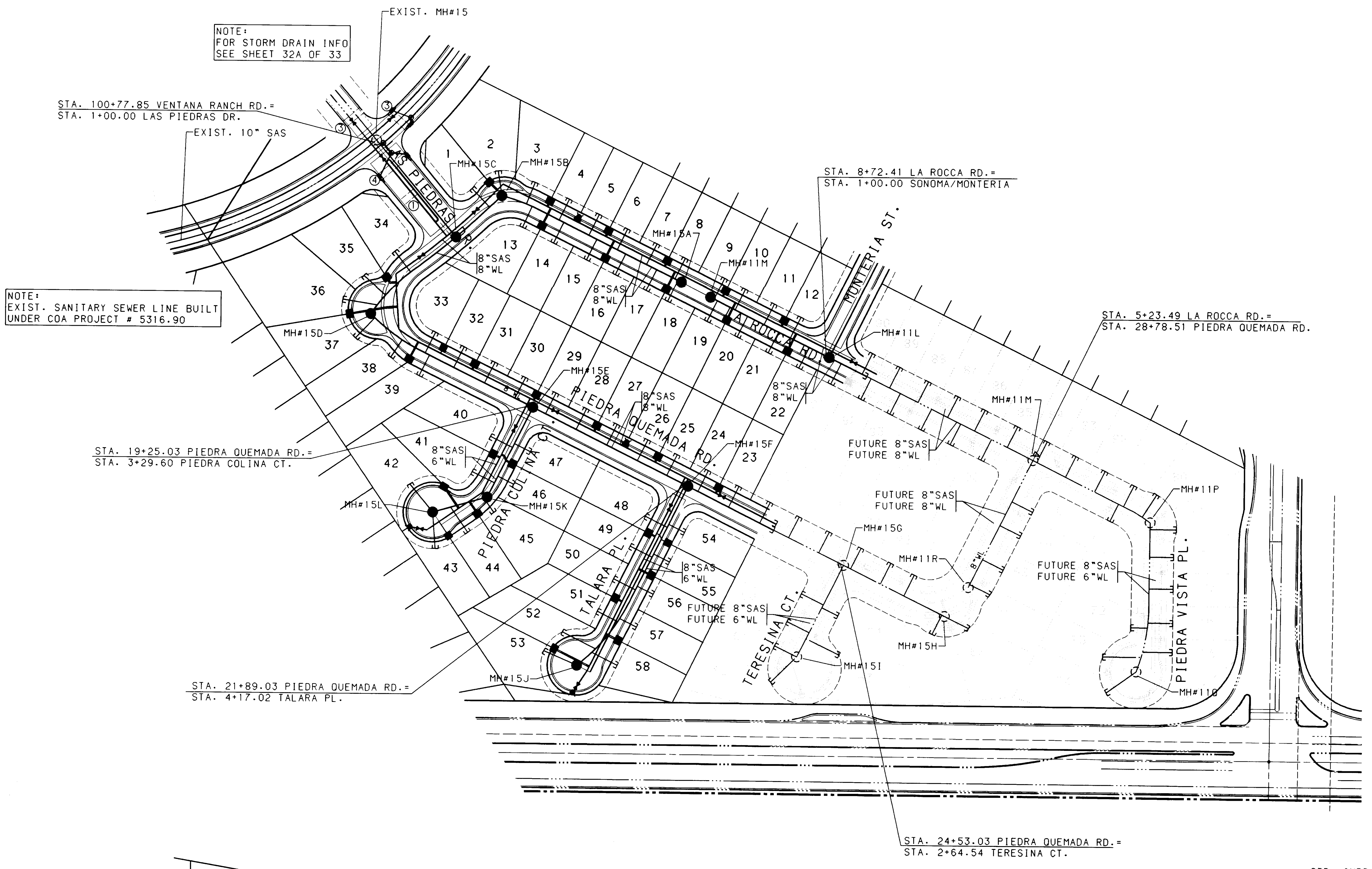
CITY ENGINEER APPROVAL

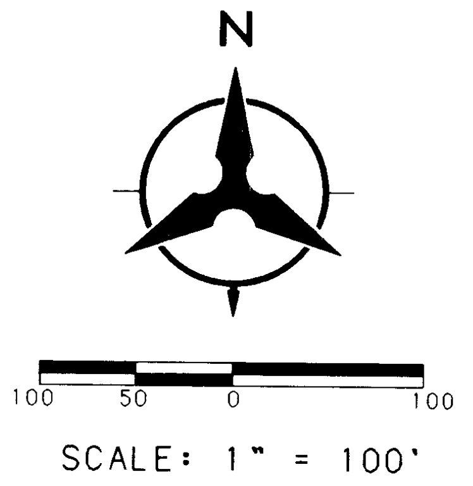
LAST DESIGN UPDATE

MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	18C	33

DATE: MARCH, 1996

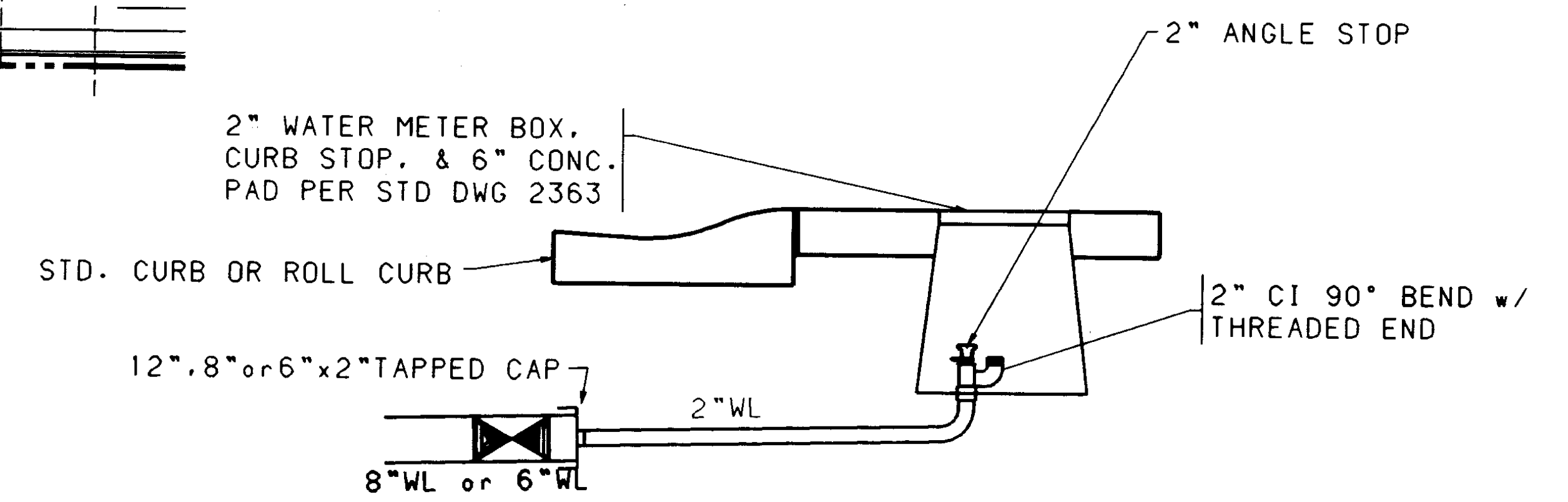

NOTE:
FOR STORM DRAIN INFO
SEE SHEET 32A OF 33
EXIST. MH#15
STA. 100+77.85 VENTANA RANCH RD.=
STA. 1+00.00 LAS PIEDRAS DR.
EXIST. 10" SAS
NOTE:
EXIST. SANITARY SEWER LINE BUILT
UNDER COA PROJECT # 5316.90
LAS PIEDRAS DR.
MH#15C
MH#15B
MH#15A
MH#11M
MH#15D
MH#15E
MH#15F
MH#15K
MH#15L
MH#15J
8"SAS
8"WL
8"SAS
6"WL
LA ROCCA RD.
PIEDRA QUEMADA RD.
PIEDRA COLINA CT.
TALARA PL.
STA. 8+72.41 LA ROCCA RD.=
STA. 1+00.00 SONOMA/MONTERIA
MONTERIA ST.
MH#11L
STA. 5+23.49 LA ROCCA RD.=
STA. 28+78.51 PIEDRA QUEMADA RD.
MH#11M
FUTURE 8"SAS
FUTURE 8"WL
MH#11P
MH#15G
MH#11R
8"WL
MH#15H
MH#15I
MH#11O
FUTURE 8"SAS
FUTURE 6"WL
TERESINA CT.
PIEDRA VISTA PL.
STA. 19+25.03 PIEDRA QUEMADA RD.=
STA. 3+29.60 PIEDRA COLINA CT.
STA. 21+89.03 PIEDRA QUEMADA RD.=
STA. 4+17.02 TALARA PL.
STA. 24+53.03 PIEDRA QUEMADA RD.=
STA. 2+64.54 TERESINA CT.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58


N
100 50 0 100

SCALE: 1" = 100'

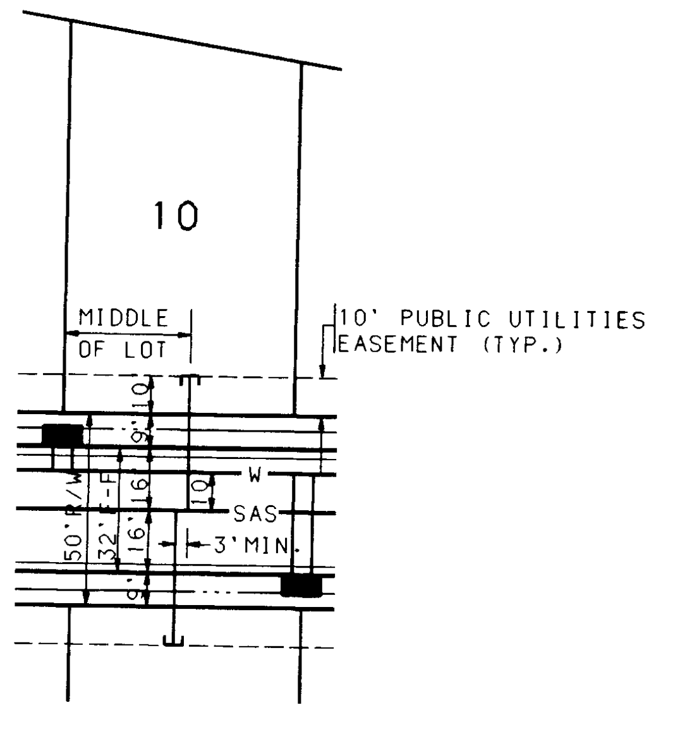
LEGEND

PROJECT BOUNDARY	—— - - —
PROPOSED SANITARY SEWER MANHOLE	●
EXISTING SANITARY SEWER MANHOLE	○
PROPOSED FIRE HYDRANT	◆
EXISTING FIRE HYDRANT	◈
PROPOSED GATE VALVE	⋈
EXISTING GATE VALVE	⋈
PROPOSED STORM DRAIN LINE	—SD—
PROPOSED STORM DRAIN MANHOLE	◎
PROPOSED STORM DRAIN INLET	▭
EXISTING STORM DRAIN LINE	—SD—
EXISTING STORM DRAIN MANHOLE	◎
EXISTING STORM DRAIN INLET	▫
PROPOSED SANITARY SEWER LINE	—SAS—
EXISTING SANITARY SEWER LINE	—SAS—
PROPOSED WATER LINE	—W—
EXISTING WATER LINE	—W—
PROPOSED SANITARY SEWER SERVICE	——]
PROPOSED WATER METER SERVICE	——■


2" ANGLE STOP
2" WATER METER BOX,
CURB STOP, & 6" CONC.
PAD PER STD DWG 2363
STD. CURB OR ROLL CURB
2" CI 90° BEND w/
THREADED END
12",8"or6"x2"TAPPED CAP
2"WL
8"WL or 6"WL

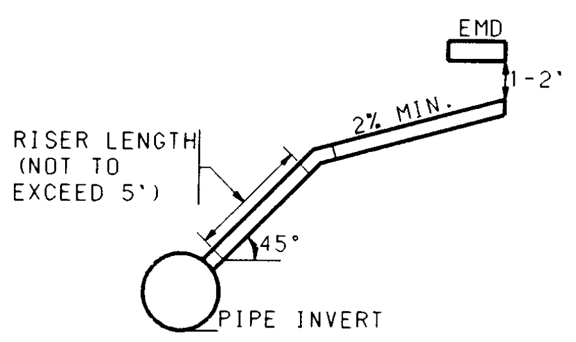
(EXISTING) 2" TEMPORARY SERVICE FOR FLUSHING LINE

NO SCALE


10
MIDDLE
OF LOT
10' PUBLIC UTILITIES
EASEMENT (TYP.)
50' R/W
32' F-F
9'
10'
16'
16'
9'
10'
W
SAS
3'MIN.

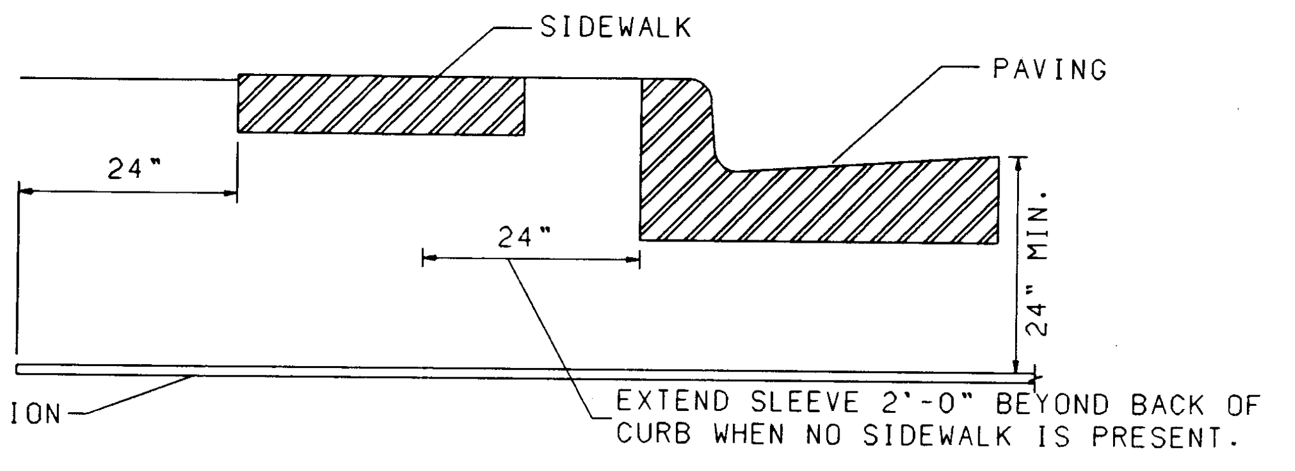
TYPICAL UTILITY SERVICE LOCATION

NO SCALE


EMD
1-2'
2% MIN.
RISER LENGTH
(NOT TO
EXCEED 5')
45°
PIPE INVERT

SERVICE RISER DETAIL

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


SIDEWALK
PAVING
24"
24"
24" MIN.

4" CLASS 200 PVC IRRIGATION SLEEVE SEE PLAN.

EXTEND SLEEVE 2'-0" BEYOND BACK OF CURB WHEN NO SIDEWALK IS PRESENT.

IRRIGATION SLEEVES UNDER PAVING & SIDEWALKS

NO SCALE

SLEEVING TABLE:
① 1@4" PVC
③ 3@4" PVC
④ 4@4" PVC

26-5316-91 11997

ENGINEER'S SEAL

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X =357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
$\Delta\alpha$= -00°16'30"
NGVD 1929 ELEVATION = 5419.522

AS-BUILT INFORMATIO

CONTRACTOR Sparling Const.
WORK STAKED BY Sparling Const.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY Sparling DATE 12/96
DRAWINGS CORRECTED BY Sparling DATE 12/96

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY TKM/PLL DATE 2/96
DRAWN BY BS/PEB DATE 2/96
CHECKED BY TKM DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH
VENTANA RANCH - TRACT 4A
OVERALL UTILITY

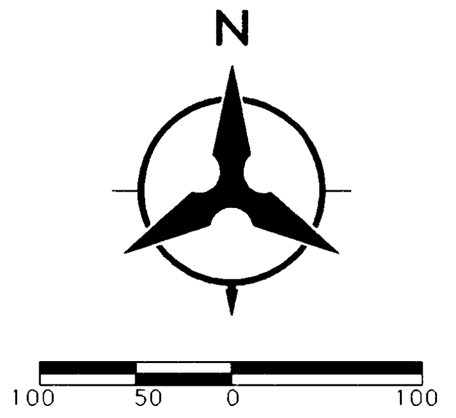
B.J.B. 5/29/96

CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

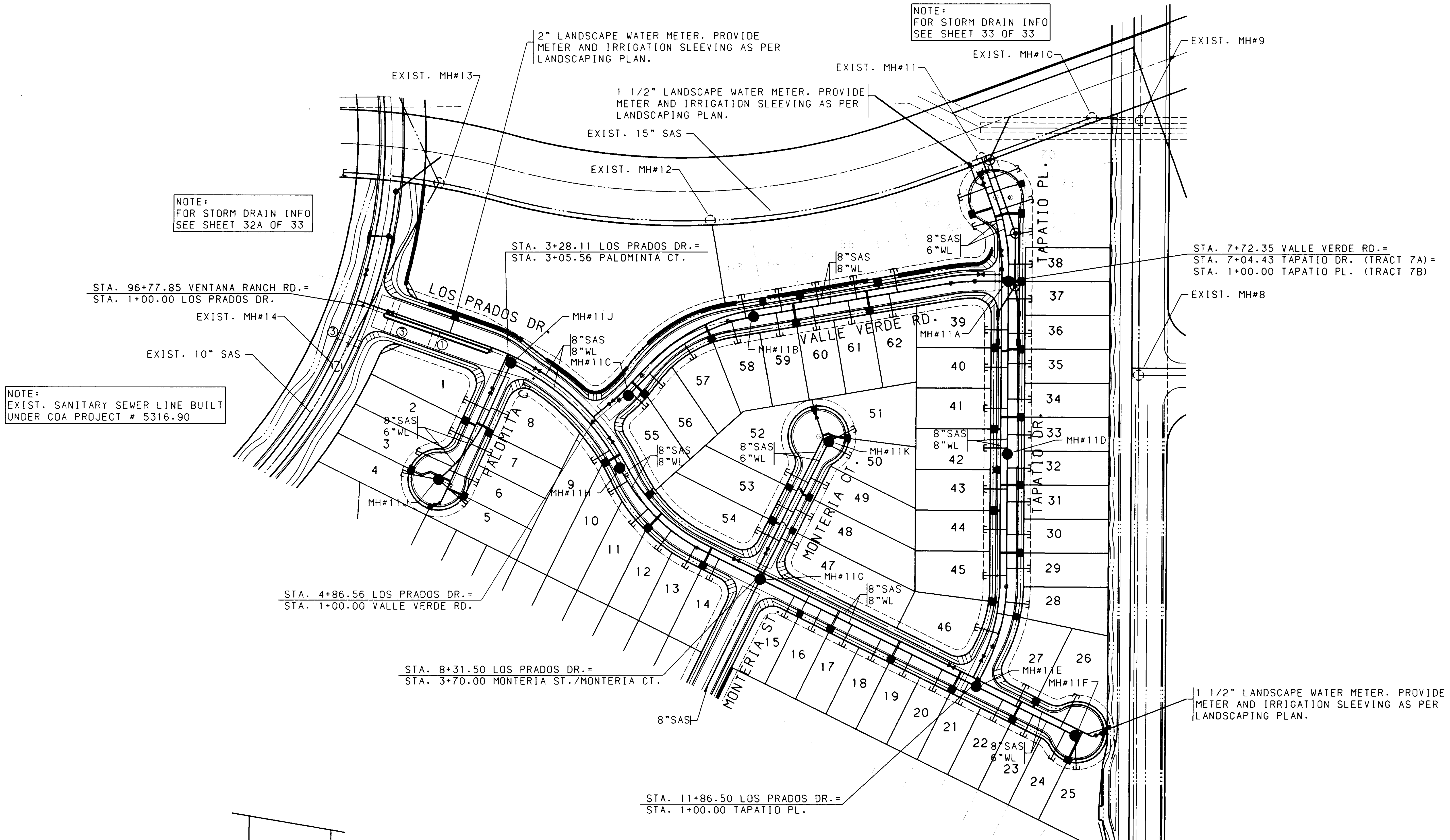
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.90	B9.B10	19	33

USERNAME- CDP5:[C9526201.TRACT4-7.PAD]UTILITY-T4.GRF

DATE: MARCH 1996

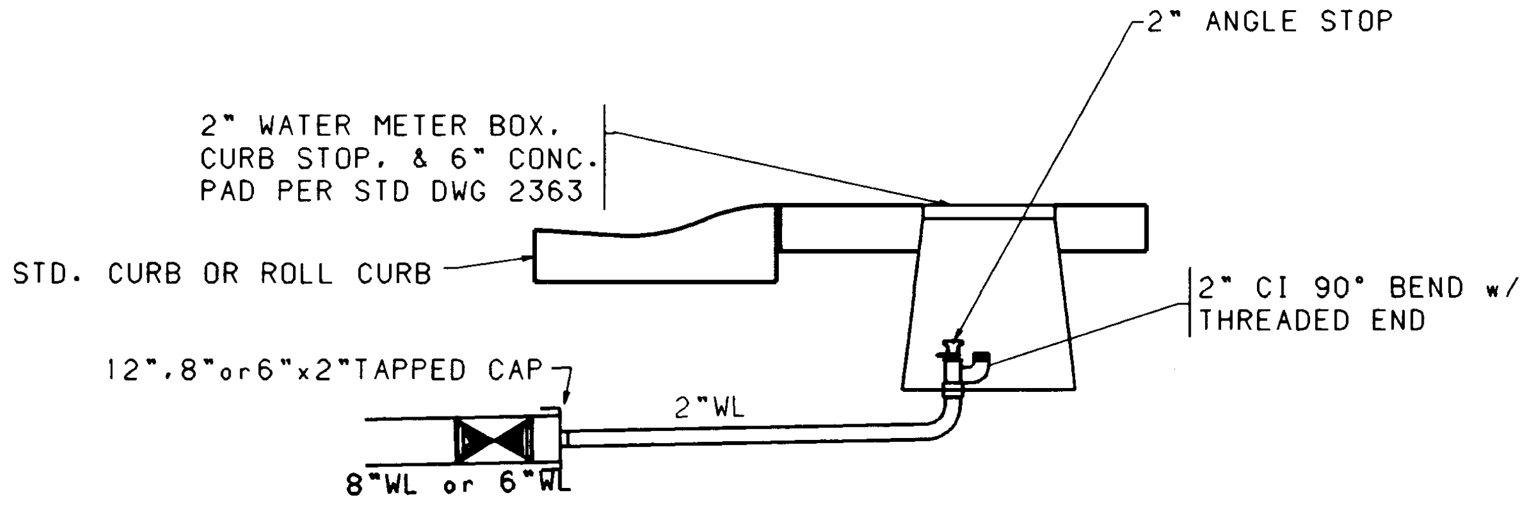

N
100
50
0
100

SCALE: 1" = 100'


NOTE:
FOR STORM DRAIN INFO
SEE SHEET 33 OF 33
2" LANDSCAPE WATER METER. PROVIDE METER AND IRRIGATION SLEEVING AS PER LANDSCAPING PLAN.
1 1/2" LANDSCAPE WATER METER. PROVIDE METER AND IRRIGATION SLEEVING AS PER LANDSCAPING PLAN.
EXIST. MH#13
EXIST. MH#11
EXIST. MH#10
EXIST. MH#9
EXIST. 15" SAS
EXIST. MH#12
NOTE:
FOR STORM DRAIN INFO
SEE SHEET 32A OF 33
STA. 3+28.11 LOS PRADOS DR.=
STA. 3+05.56 PALOMINTA CT.
STA. 7+72.35 VALLE VERDE RD.=
STA. 7+04.43 TAPATIO DR. (TRACT 7A)=
STA. 1+00.00 TAPATIO PL. (TRACT 7B)
STA. 96+77.85 VENTANA RANCH RD.=
STA. 1+00.00 LOS PRADOS DR.
EXIST. MH#14
EXIST. MH#8
EXIST. 10" SAS
NOTE:
EXIST. SANITARY SEWER LINE BUILT
UNDER COA PROJECT # 5316.90
LOS PRADOS DR.
VALLE VERDE RD.
PALOMITA CT.
MONTERIA CT.
MONTERIA ST.
TAPATIO PL.
TAPATIO DR.
MH#11J
MH#11C
MH#11B
MH#11A
MH#11K
MH#11D
MH#11H
MH#11G
MH#11E
MH#11F
8"SAS
8"WL
6"WL
① ③
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62
STA. 4+86.56 LOS PRADOS DR.=
STA. 1+00.00 VALLE VERDE RD.
STA. 8+31.50 LOS PRADOS DR.=
STA. 3+70.00 MONTERIA ST./MONTERIA CT.
1 1/2" LANDSCAPE WATER METER. PROVIDE METER AND IRRIGATION SLEEVING AS PER LANDSCAPING PLAN.
STA. 11+86.50 LOS PRADOS DR.=
STA. 1+00.00 TAPATIO PL.

LEGEND

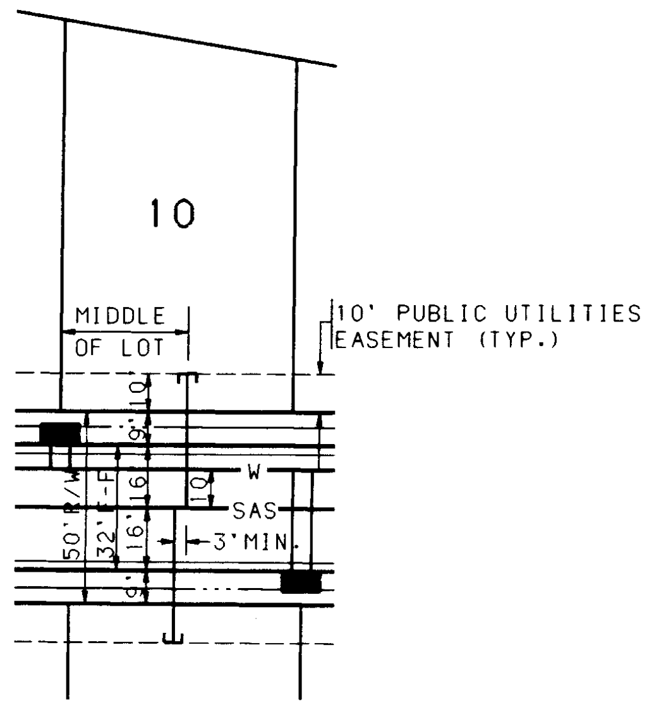
PROJECT BOUNDARY	——— - - -
PROPOSED SANITARY SEWER MANHOLE	●
EXISTING SANITARY SEWER MANHOLE	○
PROPOSED FIRE HYDRANT	◀
EXISTING FIRE HYDRANT	◎
PROPOSED GATE VALVE	⋈
EXISTING GATE VALVE	⋈
PROPOSED STORM DRAIN LINE	——SD——
PROPOSED STORM DRAIN MANHOLE	◎
PROPOSED STORM DRAIN INLET	▭
EXISTING STORM DRAIN LINE	——SD——
EXISTING STORM DRAIN MANHOLE	◎
EXISTING STORM DRAIN INLET	▫
PROPOSED SANITARY SEWER LINE	——SAS——
EXISTING SANITARY SEWER LINE	——SAS——
PROPOSED WATER LINE	—— W ——
EXISTING WATER LINE	—— W ——
PROPOSED SANITARY SEWER SERVICE	——∃
PROPOSED WATER METER SERVICE	——■


2" ANGLE STOP
2" WATER METER BOX. CURB STOP, & 6" CONC. PAD PER STD DWG 2363
STD. CURB OR ROLL CURB
2" CI 90° BEND w/ THREADED END
12",8"or6"x2"TAPPED CAP
2"WL
8"WL or 6"WL

(EXISTING) 2" TEMPORARY SERVICE FOR FLUSHING LINE

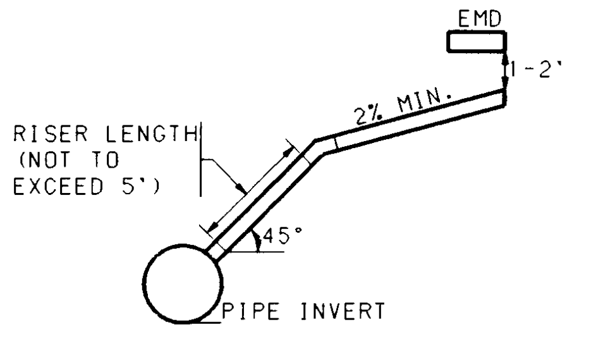
NO SCALE

26-5316.91 2097


10
MIDDLE OF LOT
10' PUBLIC UTILITIES EASEMENT (TYP.)
50' R/W
32' F-F
16'
16'
9'
9'
10'
10'
W
SAS
3' MIN.

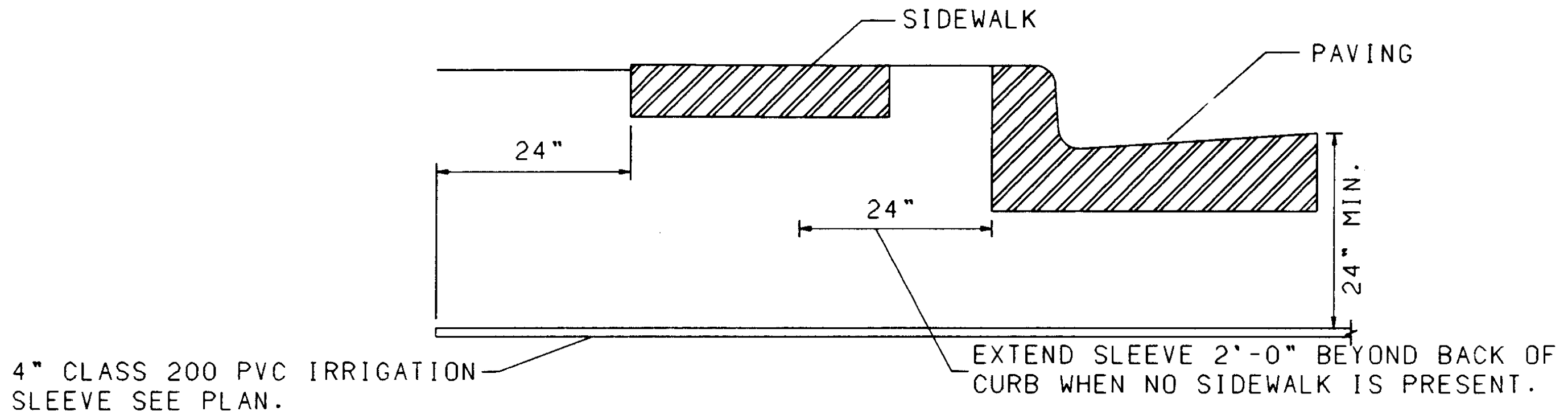
TYPICAL UTILITY SERVICE LOCATION

NO SCALE


EMD
1-2'
2% MIN.
RISER LENGTH (NOT TO EXCEED 5')
45°
PIPE INVERT

SERVICE RISER DETAIL

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


SIDEWALK
PAVING
24"
24"
24" MIN.
4" CLASS 200 PVC IRRIGATION SLEEVE SEE PLAN.
EXTEND SLEEVE 2'-0" BEYOND BACK OF CURB WHEN NO SIDEWALK IS PRESENT.

IRRIGATION SLEEVES UNDER PAVING & SIDEWALKS

NO SCALE

SLEEVING TABLE:
① 1@4" PVC
③ 3@4" PVC
④ 4@4" PVC

AS-BUILT INFORMATION	
CONTRACTOR	SPARLING CONST.
WORK STAKED BY	SPARLING CONST.
INSPECTOR'S ACCEPTANCE BY	C.O.A. DATE 12/96
FIELD VERIFICATION BY	SPARLING DATE 12/96
DRAWINGS CORRECTED BY	SPARLING DATE 12/96
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

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

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

#10995

NO.	DATE	REMARKS	BY

REVISIONS		
DESIGN		
DESIGNED BY	TKM/PLL	DATE 2/96
DRAWN BY	BS/PEB	DATE 2/96
CHECKED BY	TKM	DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH
VENTANA RANCH - TRACT 7A
OVERALL UTILITY

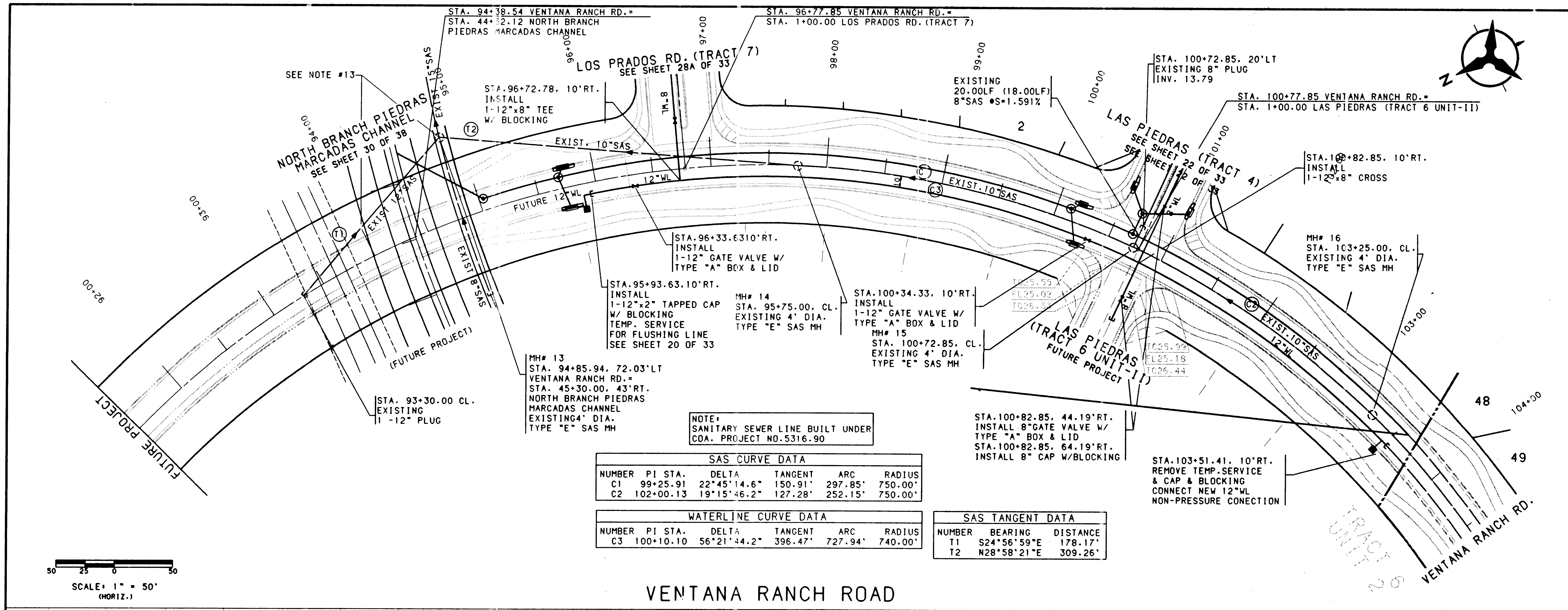
	CITY ENGINEER APPROVAL		MO./DAY/YR.	MO./DAY/YR.
B.J.B. 5/29/96		LAST DESIGN UPDATE		

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	20	33

BHI JOB NO. 95228A2440 [redacted]

DATE: MARCH, 1996

USERNAME: CDP5:[C9526201.TRACT4-7.PAD]UTILITY-T7.GRF


STA. 94+38.54 VENTANA RANCH RD.=
STA. 44+52.12 NORTH BRANCH
PIEDRAS MARCADAS CHANNEL
STA. 96+77.85 VENTANA RANCH RD.=
STA. 1+00.00 LOS PRADOS RD. (TRACT 7)
LOS PRADOS RD. (TRACT 7)
SEE SHEET 28A OF 33
SEE NOTE #13
NORTH BRANCH PIEDRAS MARCADAS CHANNEL
SEE SHEET 30 OF 38
EXIST. 15"SAS
EXIST. 10"SAS
EXIST. 12"SAS
EXIST. 8"SAS
FUTURE 12"WL
12"WL
8"WL
(FUTURE PROJECT)
FUTURE PROJECT
STA. 96+72.78, 10'RT.
INSTALL
1-12"x8" TEE
W/ BLOCKING
STA. 96+33.6310'RT.
INSTALL
1-12" GATE VALVE W/
TYPE "A" BOX & LID
STA. 95+93.63, 10'RT.
INSTALL
1-12"x2" TAPPED CAP
W/ BLOCKING
TEMP. SERVICE
FOR FLUSHING LINE
SEE SHEET 20 OF 33
MH# 14
STA. 95+75.00, CL.
EXISTING 4' DIA.
TYPE "E" SAS MH
MH# 13
STA. 94+85.94, 72.03'LT
VENTANA RANCH RD.=
STA. 45+30.00, 43'RT.
NORTH BRANCH PIEDRAS
MARCADAS CHANNEL
EXISTING4' DIA.
TYPE "E" SAS MH
STA. 93+30.00 CL.
EXISTING
1 -12" PLUG
EXISTING
20.00LF (18.00LF)
8"SAS S=1.591%
STA. 100+72.85, 20'LT
EXISTING 8" PLUG
INV. 13.79
STA. 100+77.85 VENTANA RANCH RD.=
STA. 1+00.00 LAS PIEDRAS (TRACT 6 UNIT-II)
LAS PIEDRAS (TRACT 4)
SEE SHEET 22 OF 33
LAS PIEDRAS (TRACT 6 UNIT-II)
FUTURE PROJECT
STA. 100+82.85, 10'RT.
INSTALL
1-12"x8" CROSS
STA. 100+34.33, 10'RT.
INSTALL
1-12" GATE VALVE W/
TYPE "A" BOX & LID
MH# 15
STA. 100+72.85, CL.
EXISTING 4' DIA.
TYPE "E" SAS MH
MH# 16
STA. 103+25.00, CL.
EXISTING 4' DIA.
TYPE "E" SAS MH
TC25.55
FL25.02
TC26.33
TC25.99
FL25.18
TC26.44
STA. 100+82.85, 44.19'RT.
INSTALL 8"GATE VALVE W/
TYPE "A" BOX & LID
STA. 100+82.85, 64.19'RT.
INSTALL 8" CAP W/BLOCKING
STA. 103+51.41, 10'RT.
REMOVE TEMP. SERVICE
& CAP & BLOCKING
CONNECT NEW 12"WL
NON-PRESSURE CONECTION
TRACT 6 UNIT 2
VENTANA RANCH RD.
T1
T2
C1
C2
C3
2
48
49
92+00
93+00
94+00
95+00
96+00
97+00
98+00
99+00
100+00
101+00
103+00
104+00
N
50 25 0 50
SCALE: 1" = 50'
(HORIZ.)

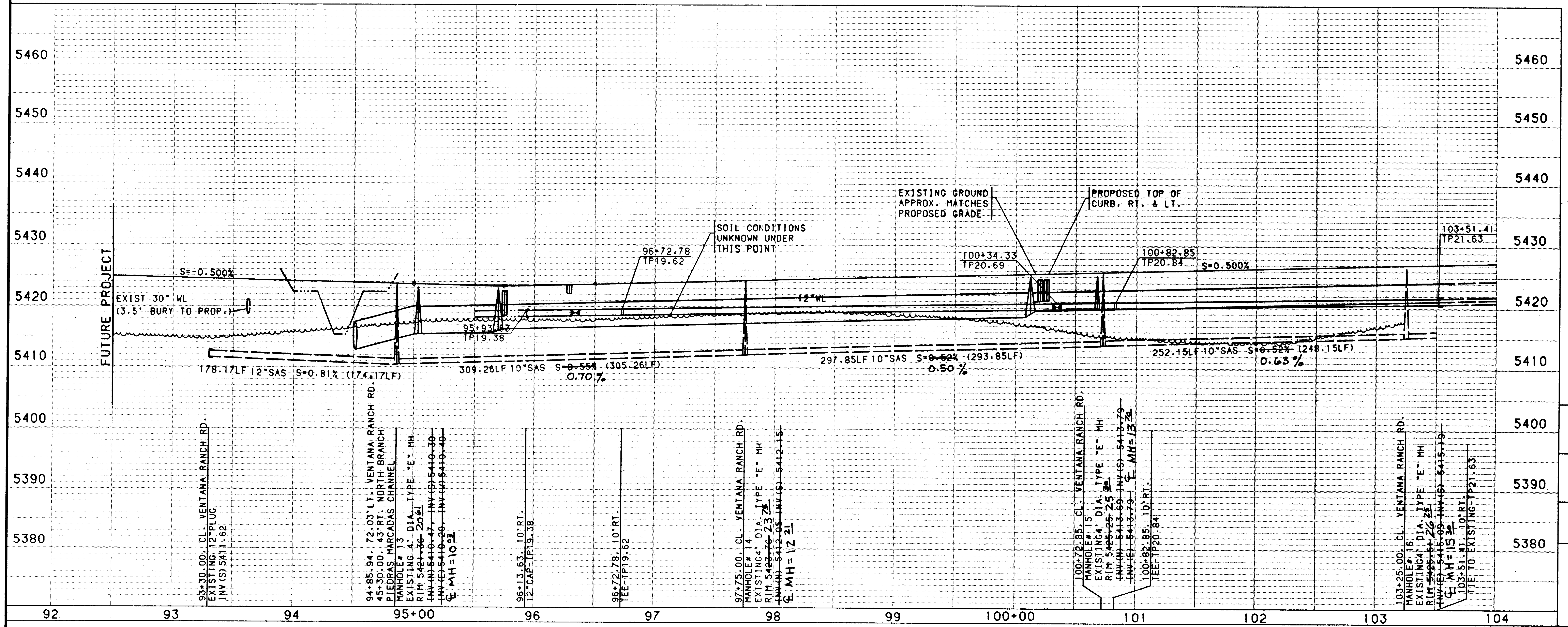
NOTE:
SANITARY SEWER LINE BUILT UNDER
COA. PROJECT NO.5316.90

SAS CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	99+25.91	22°45'14.6"	150.91'	297.85'	750.00'
C2	102+00.13	19°15'46.2"	127.28'	252.15'	750.00'

WATERLINE CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C3	100+10.10	56°21'44.2"	396.47'	727.94'	740.00'

SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	S24°56'59"E	178.17'
T2	N28°58'21"E	309.26'

VENTANA RANCH ROAD



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

USERNAME: CDP5:LC9526201.TRACT2-6.PNP]VENTANA2-PNP.GRF

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4"x4"x5' 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 AND 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. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

13. APPROX. 100' OF THE 12" SAS STUB OUT UNDER THE CHANNEL SHALL

BE ENCASED AS PER COA STD. DWG 2140

14. ALL TEMPORARY STRUCTURES ARE TO BE MAINTAINED BY THE OWNER UNTIL PERMANENT IMPROVEMENTS ARE MADE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
2 6 - 5 3 1 6 - 9 1 2 1 A 9 7

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen
David C. Clausen N.M.L.S. # 6547

6547

AS-BUILT INFORMATION

CONTRACTOR Sparling Const.
WORK STAKED BY Sparling Const.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY Sparling DATE 12/96
DRAWINGS CORRECTED BY Sparling DATE 12/96

MICRO-FILM INFORMATION

RECORDED BY
DATE
NO.

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X =357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
Δα= -00°16'30"
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN		
DESIGNED BY	TKM/PLL	DATE 2/96
DRAWN BY	BS/PEB	DATE 2/96
CHECKED BY	TKM	DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH TRACT 4A & 7A
UTILITY PLAN & PROFILE
VENTANA RANCH ROAD STA. 91+50.00 - 104+56.29

B.J.B. 5/29/96

CITY ENGINEER APPROVAL		MO./DAY/YR.	MO./DAY/YR.
	LAST DESIGN UPDATE		

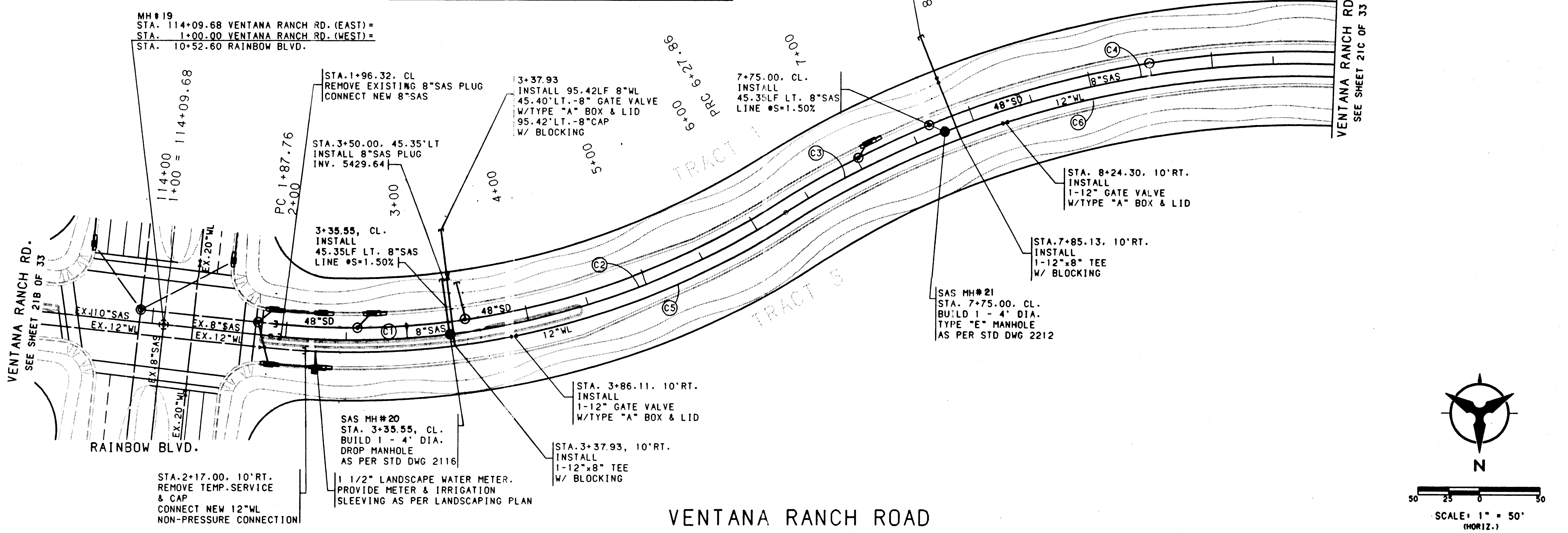
DRAWING NO.	ZONE MAP NO.	SHEET	OF
[illegible]5316.91	B9.B10	21A	33

BHI JOB NO. 9522[illegible]

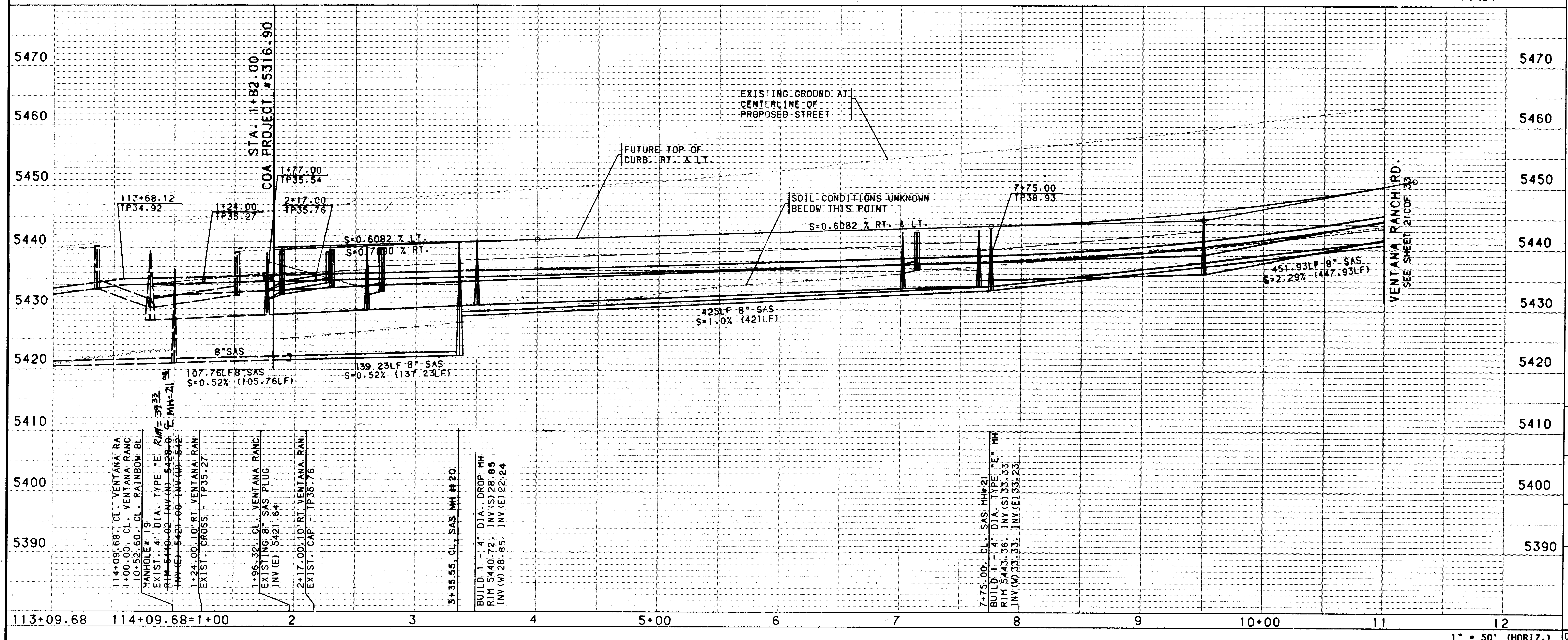
DATE: MARCH, 1996

WATER LINE CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C5	4+32.82	36°12'57.0"	215.82'	417.18'	660.00'
C6	9+89.11	50°33'21.4"	361.25'	675.01'	765.00'

SAS CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	2+69.30	14°18'4.7"	81.55'	153.68'	650.00'
C2	4+91.08	24°29'32.0"	141.08'	277.86'	650.00'
C3	7+01.65	10°52'42.2"	73.79'	147.14'	775.00'
C4	10+07.60	33°24'41.2"	232.60'	451.93'	775.00'


12 37.06
INSTALL 91.41LF 8"WL
41.41'LT.-8" GATE VALVE
W/TYPE "A" BOX & LID
81 40'LT.-8"CAP
W/ BLOCKING
MH#19
STA. 114+09.68 VENTANA RANCH RD.(EAST)=
STA. 1+00.00 VENTANA RANCH RD.(WEST)=
STA. 10+52.60 RAINBOW BLVD.
STA.1+96.32. CL
REMOVE EXISTING 8"SAS PLUG
CONNECT NEW 8"SAS
3+37.93
INSTALL 95.42LF 8"WL
45.40'LT.-8" GATE VALVE
W/TYPE "A" BOX & LID
95.42'LT.-8"CAP
W/ BLOCKING
7+75.00. CL.
INSTALL
45.35LF LT. 8"SAS
LINE @S=1.50%
STA.3+50.00. 45.35'LT
INSTALL 8"SAS PLUG
INV. 5429.64
3+35.55, CL.
INSTALL
45.35LF LT. 8"SAS
LINE @S=1.50%
STA. 8+24.30. 10'RT.
INSTALL
1-12" GATE VALVE
W/TYPE "A" BOX & LID
STA.7+85.13. 10'RT.
INSTALL
1-12"x8" TEE
W/ BLOCKING
SAS MH#21
STA. 7+75.00. CL.
BUILD 1 - 4' DIA.
TYPE "E" MANHOLE
AS PER STD DWG 2212
STA. 3+86.11. 10'RT.
INSTALL
1-12" GATE VALVE
W/TYPE "A" BOX & LID
STA.3+37.93. 10'RT.
INSTALL
1-12"x8" TEE
W/ BLOCKING
SAS MH#20
STA. 3+35.55, CL.
BUILD 1 - 4' DIA.
DROP MANHOLE
AS PER STD DWG 2116
1 1/2" LANDSCAPE WATER METER.
PROVIDE METER & IRRIGATION
SLEEVING AS PER LANDSCAPING PLAN
STA.2+17.00. 10'RT.
REMOVE TEMP.SERVICE
& CAP
CONNECT NEW 12"WL
NON-PRESSURE CONNECTION
VENTANA RANCH RD.
SEE SHEET 21B OF 33
VENTANA RANCH RD.
SEE SHEET 21C OF 33
RAINBOW BLVD.
TRACT 3A
TRACT 1
TRACT 5
114+00
1+00 = 114+09.68
PC 1+87.76
2+00
3+00
4+00
5+00
6+00
PRC 6+27.86
7+00
8+00
9+00
10+00
11+00
EX.10"SAS
EX.12"WL
EX.8"SAS
EX.12"WL
EX.20"WL
EX.8"SAS
EX.20"WL
48"SD
8"SAS
12"WL
C1
C2
C3
C4
C5
C6
N
50 25 0 50
SCALE: 1" = 50' (HORIZ.)

VENTANA RANCH ROAD


5470
5460
5450
5440
5430
5420
5410
5400
5390
STA. 1+82.00
COA PROJECT #5316.90
EXISTING GROUND AT
CENTERLINE OF
PROPOSED STREET
FUTURE TOP OF
CURB. RT. & LT.
SOIL CONDITIONS UNKNOWN
BELOW THIS POINT
113+68.12
TP34.92
1+24.00
TP35.27
1+77.00
TP35.54
2+17.00
TP35.76
7+75.00
TP38.93
S=0.6082 % LT.
S=0.7880 % RT.
S=0.6082 % RT. & LT.
451.93LF 8" SAS
S=2.29% (447.93LF)
425LF 8" SAS
S=1.0% (421LF)
8"SAS
107.76LF8"SAS
S=0.52% (105.76LF)
139.23LF 8" SAS
S=0.52% (137.23LF)
VENTANA RANCH RD.
SEE SHEET 21C OF 33
114+09.68. CL. VENTANA RA
1+00.00. CL. VENTANA RANC
10+52.60. CL. RAINBOW BL
MANHOLE# 19
EXIST. 4' DIA. TYPE "E RIM=39.33
~~RIM 5440.02 INV(N) 5428.0~~
~~INV(E) 5421.00 INV(W) 542~~
℄ MH-21
1+24.00.10'RT VENTANA RAN
EXIST. CROSS - TP35.27
1+96.32. CL. VENTANA RANC
EXISTING 8" SAS PLUG
INV(E) 5421.64
2+17.00.10'RT VENTANA RAN
EXIST. CAP - TP35.76
3+35.55, CL, SAS MH #20
BUILD 1 - 4' DIA. DROP MH
RIM 5440.72, INV(S)28.85
INV(W)28.85, INV(E)22.24
7+75.00. CL. SAS MH#21
BUILD 1 - 4' DIA. TYPE "E" MH
RIM 5443.36, INV(S)33.33
INV(W)33.33, INV(E)33.23
113+09.68
114+09.68=1+00
2
3
4
5+00
6
7
8
9
10+00
11
12

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

USERNAME: CDP5:[C9526201.TRACT4-7.PNP]VENTANA3-PNP.GRF

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4"x4"x5' 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 AND 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. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

26-5316-91-21-B97

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen

David C. Clausen N.M.L.S. # 6547

DAVID C. CLAUSEN 6547 REGISTERED LAND SURVEYOR

AS-BUILT INFORMATION

CONTRACTOR	SPARLING CONST.	
WORK STAKED BY	SPARLING CONST.	DATE 12/96
INSPECTOR'S ACCEPTANCE BY	C.O.A.	DATE 12/96
FIELD VERIFICATION BY	SPARLING	DATE 12/96
DRAWINGS CORRECTED BY	SPARLING	DATE 12/96

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X =357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
Δα= -00°16'30"
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

REVISIONS

NO.	DATE	REMARKS	BY

DESIGN

DESIGNED BY	PLL/TKM	DATE 2/96
DRAWN BY	PLL	DATE 2/96
CHECKED BY	TKM	DATE 2/96

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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH TRACT 4A & 7A
UTILITY PLAN & PROFILE
VENTANA RANCH ROAD STA. 1+00 TO 11+00

B.J.G.
5/29/96

CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9,B10	21B	33

BHI JOB NO. 95226

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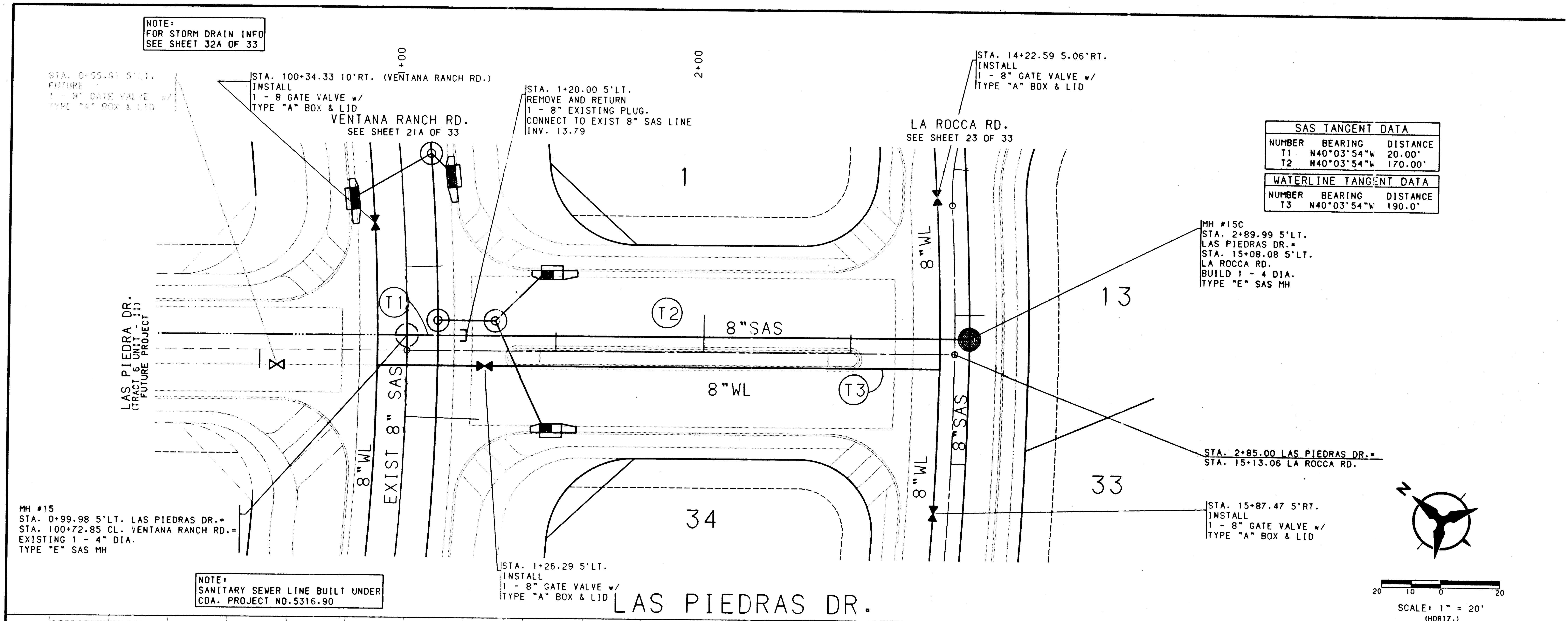
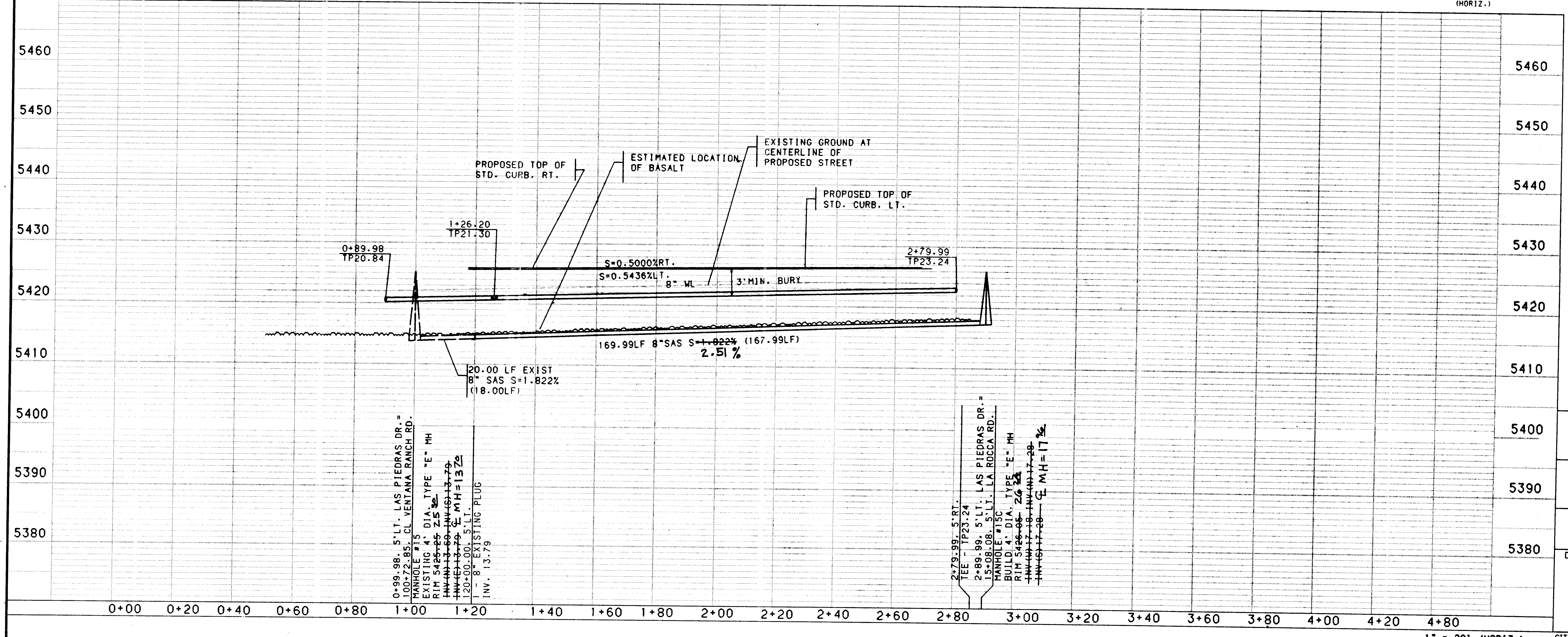
DATE: MARCH, 1996


NOTE:
FOR STORM DRAIN INFO
SEE SHEET 32A OF 33
STA. 0+55.81 5'LT.
FUTURE
1 - 8" GATE VALVE w/
TYPE "A" BOX & LID
STA. 100+34.33 10'RT. (VENTANA RANCH RD.)
INSTALL
1 - 8 GATE VALVE w/
TYPE "A" BOX & LID
1+00
VENTANA RANCH RD.
SEE SHEET 21A OF 33
STA. 1+20.00 5'LT.
REMOVE AND RETURN
1 - 8" EXISTING PLUG.
CONNECT TO EXIST 8" SAS LINE
INV. 13.79
2+00
1
STA. 14+22.59 5.06'RT.
INSTALL
1 - 8" GATE VALVE w/
TYPE "A" BOX & LID
LA ROCCA RD.
SEE SHEET 23 OF 33
MH #15C
STA. 2+89.99 5'LT.
LAS PIEDRAS DR.=
STA. 15+08.08 5'LT.
LA ROCCA RD.
BUILD 1 - 4 DIA.
TYPE "E" SAS MH
13
LAS PIEDRA DR.
(TRACT 6 UNIT - II)
FUTURE PROJECT
T1
T2
T3
8"SAS
8"WL
EXIST 8" SAS
8"WL
8"SAS
8"WL
8"WL
STA. 2+85.00 LAS PIEDRAS DR.=
STA. 15+13.06 LA ROCCA RD.
33
34
STA. 15+87.47 5'RT.
INSTALL
1 - 8" GATE VALVE w/
TYPE "A" BOX & LID
MH #15
STA. 0+99.98 5'LT. LAS PIEDRAS DR.=
STA. 100+72.85 CL. VENTANA RANCH RD.=
EXISTING 1 - 4" DIA.
TYPE "E" SAS MH
NOTE:
SANITARY SEWER LINE BUILT UNDER
COA. PROJECT NO.5316.90
STA. 1+26.29 5'LT.
INSTALL
1 - 8" GATE VALVE w/
TYPE "A" BOX & LID
LAS PIEDRAS DR.
N
20 10 0 20
SCALE: 1" = 20'
(HORIZ.)

SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N40°03'54"W	20.00'
T2	N40°03'54"W	170.00'

WATERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T3	N40°03'54"W	190.0'


5460
5450
5440
5430
5420
5410
5400
5390
5380
PROPOSED TOP OF
STD. CURB. RT.
ESTIMATED LOCATION
OF BASALT
EXISTING GROUND AT
CENTERLINE OF
PROPOSED STREET
PROPOSED TOP OF
STD. CURB. LT.
1+26.20
TP21.30
0+89.98
TP20.84
2+79.99
TP23.24
S=0.5000%RT.
S=0.5436%LT.
8" WL
3' MIN. BURY
169.99LF 8"SAS S=~~1.822%~~ (167.99LF)
2.51%
20.00 LF EXIST
8" SAS S=1.822%
(18.00LF)
0+99.98, 5'LT. LAS PIEDRAS DR.=
100+72.85, CL VENTANA RANCH RD.
MANHOLE #15
EXISTING 4' DIA. TYPE "E" MH
RIM 54~~25.25~~ 25.30
~~INV (N) 13.69, INV (S) 13.79~~
~~INV (E) 13.79~~ ℄ MH=13.70
120+00.00, 5'LT.
1 - 8" EXISTING PLUG
INV. 13.79
2+79.99, 5'RT.
TEE - TP23.24
2+89.99, 5'LT. LAS PIEDRAS DR.=
15+08.08, 5'LT. LA ROCCA RD.
MANHOLE #15C
BUILD 4' DIA. TYPE "E" MH
RIM 54~~26.05~~ 26.24
~~INV (W) 17.18, INV (N) 17.28~~
~~INV (S) 17.28~~ ℄ MH=17.16
0+00
0+20
0+40
0+60
0+80
1+00
1+20
1+40
1+60
1+80
2+00
2+20
2+40
2+60
2+80
3+00
3+20
3+40
3+60
3+80
4+00
4+20
4+80

SCALE: 1" = 20' (HORIZ.)
1" = 10' (VERT.)

USERNAME: CDPS:[C9526201.TRACT4-7.PNP]PIEDRAS20-PNP.GRF

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4"x4"x5' 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.

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10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND 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. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

AS-BUILT INFORMATION

CONTRACTOR	Sparling Const.		
WORK STAKED BY	Sparling Const.		
INSPECTOR'S ACCEPTANCE BY	C.O.A.	DATE	12/96
FIELD VERIFICATION BY	Sparling	DATE	12/96
DRAWINGS CORRECTED BY	Sparling	DATE	12/96

MICRO-FILM INFORMATION

RECORDED BY		DATE
NO.		

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X =357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
Δα= -00°18'30"
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

26-5316.91 2297

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen
David C. Clausen N.M.L.S. # 6547

6547

REVISIONS

NO.	DATE	REMARKS	BY

DESIGN

DESIGNED BY	TKM/PLL	DATE	2/96
DRAWN BY	BES/PEB	DATE	2/96
CHECKED BY	TKM	DATE	2/96

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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

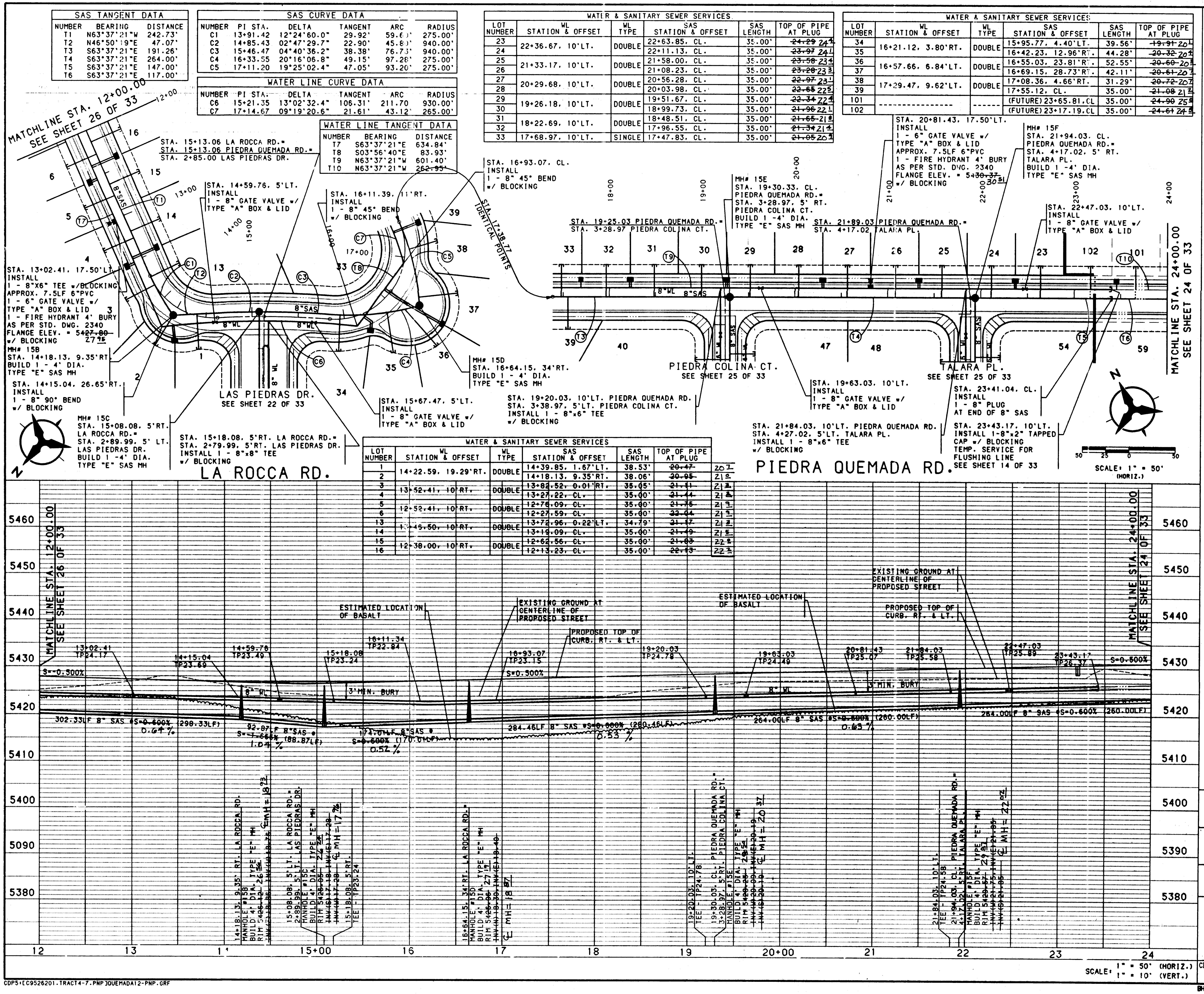
VENTANA RANCH TRACT 7A
UTILITY PLAN & PROFILE
LAS PIEDRAS DR.

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
B.J.B. 5/29/96				

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	22	33

BHI JOB NO. 95228A2440

DATE: MARCH, 1996


MATCHLINE STA. 12+00.00
SEE SHEET 26 OF 33
12+00
13+00
14+00
15+00
16+00
17+00
18+00
19+00
20+00
21+00
22+00
23+00
24+00
STA. 15+13.06 LA ROCCA RD.=
STA. 15+13.06 PIEDRA QUEMADA RD.=
STA. 2+85.00 LAS PIEDRAS DR.
STA. 14+59.76, 5'LT.
INSTALL
1 - 8" GATE VALVE w/
TYPE "A" BOX & LID
STA. 16+11.39, 11'RT.
INSTALL
1 - 8" 45° BEND
w/ BLOCKING
STA. 16+93.07, CL.
INSTALL
1 - 8" 45° BEND
w/ BLOCKING
STA. 17+38.77
IDENTICAL POINTS
STA. 13+02.41, 17.50'LT.
INSTALL
1 - 8"X6" TEE w/BLOCKING
APPROX. 7.5LF 6"PVC
1 - 6" GATE VALVE w/
TYPE "A" BOX & LID
1 - FIRE HYDRANT 4' BURY
AS PER STD. DWG. 2340
FLANGE ELEV. = 5~~427.80~~ 27.95
w/ BLOCKING
MH# 15B
STA. 14+18.13, 9.35'RT.
BUILD 1 - 4' DIA.
TYPE "E" SAS MH
STA. 14+15.04, 26.65'RT.
INSTALL
1 - 8" 90° BEND
w/ BLOCKING
MH# 15C
STA. 15+08.08, 5'RT.
LA ROCCA RD.=
STA. 2+89.99, 5' LT.
LAS PIEDRAS DR.
BUILD 1 -4' DIA.
TYPE "E" SAS MH
STA. 15+18.08, 5'RT. LA ROCCA RD.=
STA. 2+79.99, 5'RT. LAS PIEDRAS DR.
INSTALL 1 - 8"x8" TEE
w/ BLOCKING
LAS PIEDRAS DR.
SEE SHEET 22 OF 33
LA ROCCA RD.
STA. 15+67.47, 5'LT.
INSTALL
1 - 8" GATE VALVE w/
TYPE "A" BOX & LID
MH# 15D
STA. 16+64.15, 34'RT.
BUILD 1 - 4' DIA.
TYPE "E" SAS MH
8"SAS
8"WL
T1
T2
T3
T4
T5
T6
T7
T8
T9
T10
C1
C2
C3
C4
C5
C6
C7
1
2
3
4
5
6
13
14
15
16
33
34
35
36
37
38
39
40
47
48
54
59
32
31
30
29
28
27
26
25
24
23
102
101
STA. 19+25.03 PIEDRA QUEMADA RD.=
STA. 3+28.97 PIEDRA COLINA CT.
MH# 15E
STA. 19+30.33, CL.
PIEDRA QUEMADA RD.=
STA. 3+28.97, 5' RT.
PIEDRA COLINA CT.
BUILD 1 -4' DIA.
TYPE "E" SAS MH
STA. 19+20.03, 10'LT. PIEDRA QUEMADA RD.
STA. 3+38.97, 5'LT. PIEDRA COLINA CT.
INSTALL 1 - 8"x6" TEE
w/ BLOCKING
PIEDRA COLINA CT.
SEE SHEET 25 OF 33
STA. 19+63.03, 10'LT.
INSTALL
1 - 8" GATE VALVE w/
TYPE "A" BOX & LID
STA. 20+81.43, 17.50'LT.
INSTALL
1 - 6" GATE VALVE w/
TYPE "A" BOX & LID
APPROX. 7.5LF 6"PVC
1 - FIRE HYDRANT 4' BURY
AS PER STD. DWG. 2340
FLANGE ELEV. = 54~~30.37~~ 30.51
w/ BLOCKING
MH# 15F
STA. 21+94.03, CL.
PIEDRA QUEMADA RD.=
STA. 4+17.02, 5' RT.
TALARA PL.
BUILD 1 -4' DIA.
TYPE "E" SAS MH
STA. 21+89.03 PIEDRA QUEMADA RD.=
STA. 4+17.02 TALARA PL.
STA. 22+47.03, 10'LT.
INSTALL
1 - 8" GATE VALVE w/
TYPE "A" BOX & LID
TALARA PL.
SEE SHEET 25 OF 33
STA. 21+84.03, 10'LT. PIEDRA QUEMADA RD.
STA. 4+27.02, 5'LT. TALARA PL.
INSTALL 1 - 8"x6" TEE
w/ BLOCKING
STA. 23+41.04, CL.
INSTALL
1 - 8" PLUG
AT END OF 8" SAS
STA. 23+43.17, 10'LT.
INSTALL 1-8"x2" TAPPED
CAP w/ BLOCKING
TEMP. SERVICE FOR
FLUSHING LINE
SEE SHEET 14 OF 33
PIEDRA QUEMADA RD.
MATCHLINE STA. 24+00.00
SEE SHEET 24 OF 33
N
50 25 0 50
SCALE: 1" = 50' (HORIZ.)
5460
5450
5440
5430
5420
5410
5400
5390
5380
ESTIMATED LOCATION OF BASALT
EXISTING GROUND AT CENTERLINE OF PROPOSED STREET
PROPOSED TOP OF CURB, RT. & LT.
13+02.41 TP24.17
14+15.04 TP23.69
14+59.76 TP23.49
15+18.08 TP23.24
16+11.34 TP22.84
16+93.07 TP23.15
19+20.03 TP24.78
19+63.03 TP24.49
20+81.43 TP25.07
21+84.03 TP25.58
22+47.03 TP25.89
23+43.17 TP26.37
S=-0.500%
S=0.500%
S=0.500%
8" WL
3' MIN. BURY
302.33LF 8" SAS @S=~~0.600%~~ (298.33LF)
0.64 %
92.87LF 8"SAS @ S=~~1.666%~~ (88.87LF)
1.04 %
174.01LF 8"SAS @ S=~~0.600%~~ (170.01LF)
0.52 %
284.46LF 8" SAS @S=~~0.600%~~ (280.46LF)
0.53 %
264.00LF 8" SAS @S=~~0.600%~~ (260.00LF)
0.63 %
264.00LF 8" SAS @S=0.600% (260.00LF)
12
13
14
15+00
16
17
18
19
20+00
21
22
23
24
SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N63°37'21"W	242.73'
T2	N46°50'19"E	47.07'
T3	S63°37'21"E	191.26'
T4	S63°37'21"E	264.00'
T5	S63°37'21"E	147.00'
T6	S63°37'21"E	117.00'

SAS CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	13+91.42	12°24'60.0"	29.92'	59.60'	275.00'
C2	14+85.43	02°47'29.7"	22.90'	45.80'	940.00'
C3	15+46.47	04°40'36.2"	38.38'	76.73'	940.00'
C4	16+33.55	20°16'06.8"	49.15'	97.28'	275.00'
C5	17+11.20	19°25'02.4"	47.05'	93.20'	275.00'

WATER LINE CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C6	15+21.35	13°02'32.4"	106.31'	211.70	930.00'
C7	17+14.67	09°19'20.6"	21.61'	43.12'	265.00'

WATER LINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T7	S63°37'21"E	634.84'
T8	S03°56'40"E	83.93'
T9	N63°37'21"W	601.40'
T10	N63°37'21"W	262.95'

WATER & SANITARY SEWER SERVICES					
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG
23	22+36.67, 10'LT.	DOUBLE	22+63.85, CL.	35.00'	~~24.29~~ 24^{4}
24			22+11.13, CL.	35.00'	~~23.97~~ 24^{1}
25	21+33.17, 10'LT.	DOUBLE	21+58.00, CL.	35.00'	~~23.58~~ 23^{4}
26			21+08.23, CL.	35.00'	~~23.28~~ 23^{3}
27	20+29.68, 10'LT.	DOUBLE	20+56.28, CL.	35.00'	~~22.97~~ 23^{1}
28			20+03.98, CL.	35.00'	~~22.65~~ 22^{5}
29	19+26.18, 10'LT.	DOUBLE	19+51.67, CL.	35.00'	~~22.34~~ 22^{4}
30			18+99.73, CL.	35.00'	~~21.96~~ 22^{1}
31	18+22.69, 10'LT.	DOUBLE	18+48.51, CL.	35.00'	~~21.65~~ 21^{8}
32			17+96.55, CL.	35.00'	~~21.34~~ 21^{4}
33	17+68.97, 10'LT.	SINGLE	17+47.83, CL.	35.00'	~~21.05~~ 20^{9}

WATER & SANITARY SEWER SERVICES					
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG
34	16+21.12, 3.80'RT.	DOUBLE	15+95.77, 4.40'LT.	39.56'	~~19.91~~ 20^{4}
35			16+42.23, 12.96'RT.	44.28'	~~20.32~~ 20^{4}
36	16+57.66, 6.84'LT.	DOUBLE	16+55.03, 23.81'RT.	52.55'	~~20.60~~ 20^{3}
37			16+69.15, 28.73'RT.	42.11'	~~20.61~~ 20^{7}
38	17+29.47, 9.62'LT.	DOUBLE	17+08.36, 4.66'RT.	31.29'	~~20.72~~ 20^{7}
39			17+55.12, CL.	35.00'	~~21.08~~ 21^{2}
101	----------------	------	(FUTURE) 23+65.81, CL	35.00'	~~24.90~~ 25^{9}
102			(FUTURE) 23+17.19, CL	35.00'	~~24.61~~ 24^{5}

WATER & SANITARY SEWER SERVICES						
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG	
1	14+22.59, 19.29'RT.	DOUBLE	14+39.85, 1.67'LT.	38.53'	~~20.47~~	20^{7}
2			14+18.13, 9.35'RT.	38.06'	~~20.95~~	21^{0}
3	13+52.41, 10'RT.	DOUBLE	13+82.52, 0.01'RT.	35.05'	~~21.11~~	21^{2}
4			13+27.22, CL.	35.00'	~~21.44~~	21^{4}
5	12+52.41, 10'RT.	DOUBLE	12+76.09, CL.	35.00'	~~21.75~~	21^{9}
6			12+27.59, CL.	35.00'	~~22.04~~	21^{9}
13	13+45.50, 10'RT.	DOUBLE	13+72.96, 0.22'LT.	34.79'	~~21.17~~	21^{3}
14			13+19.09, CL.	35.00'	~~21.49~~	21^{5}
15	12+38.00, 10'RT.	DOUBLE	12+62.56, CL.	35.00'	~~21.83~~	22^{2}
16			12+13.23, CL.	35.00'	~~22.13~~	22^{3}

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4"x4"x5' 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.

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11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).

12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

26-5316.91 2397

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen

David C. Clausen N.M.L.S. # 6547

DAVID C. CLAUSEN 6547

26-5316.91 2497

AS-BUILT INFORMATION

CONTRACTOR SPARLING CONST.
WORK STAKED BY SPARLING CONST.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY SPARLING DATE 12/96
DRAWINGS CORRECTED BY SPARLING DATE 12/96

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X = 357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
Δα = -00°16'30"
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	BY	REMARKS
			REVISIONS
			DESIGN

DESIGNED BY PLL/TKM DATE 2/96
DRAWN BY PLL/BS/PB DATE 2/96
CHECKED BY TKM DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH - TRACT 4A
UTILITY PLAN & PROFILE
LA ROCCA RD. / PIEDRA QUEMADA RD.

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
B.J.B. 5/29/96				

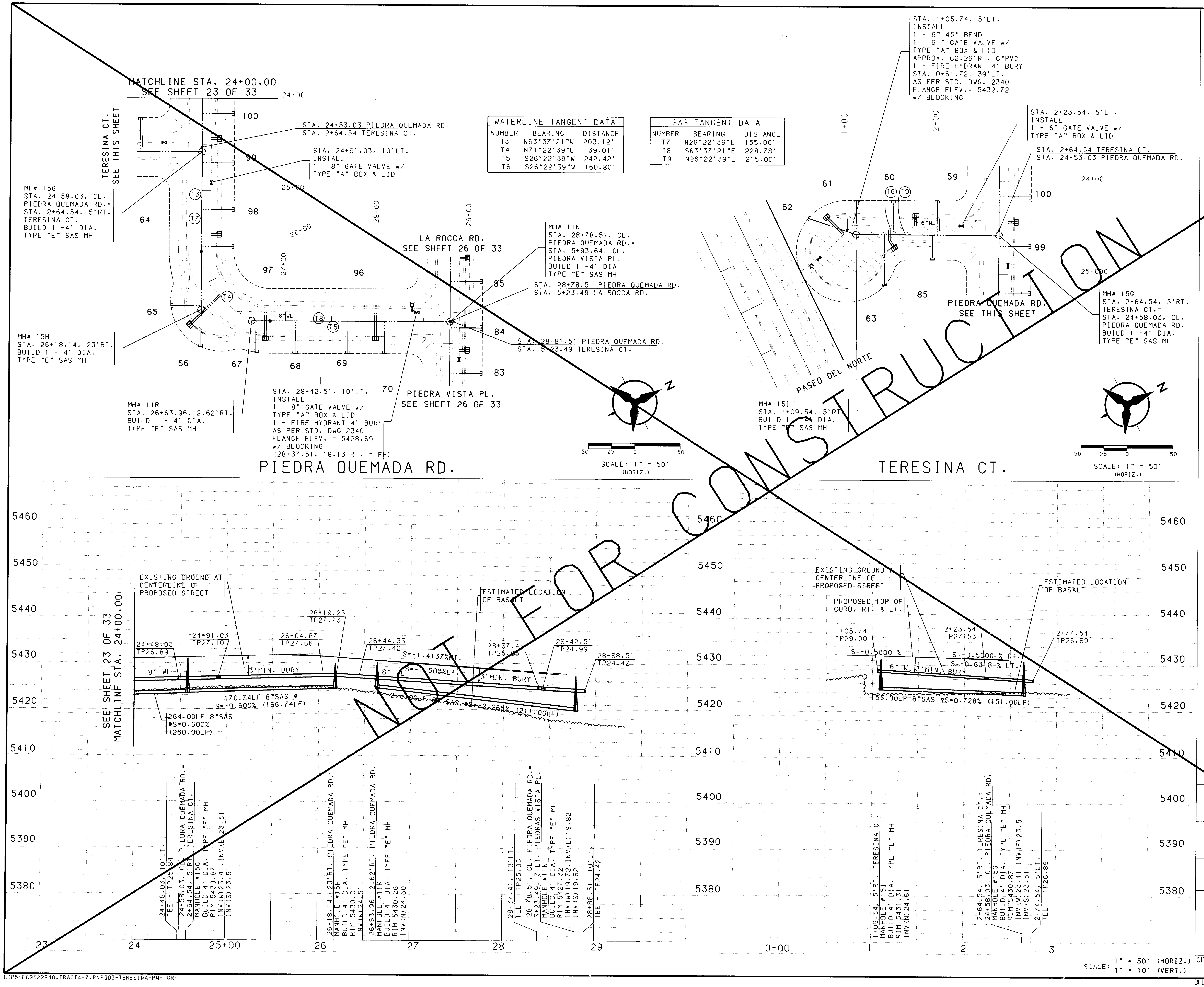
CITY PROJECT NO. 5316
ZONE MAP NO. B9.B10
SHEET 23 OF 33

BHI JOB NO. 95228A2440

DATE: MARCH, 1996

CDP5:[C9526201.TRACT4-7.PNP]QUEMADA12-PNP.GRF

NOT FOR CONSTRUCTION


MATCHLINE STA. 24+00.00
SEE SHEET 23 OF 33
TERESINA CT.
SEE THIS SHEET
STA. 24+53.03 PIEDRA QUEMADA RD.
STA. 2+64.54 TERESINA CT.
STA. 24+91.03. 10'LT.
INSTALL
1 - 8" GATE VALVE w/
TYPE "A" BOX & LID
MH# 15G
STA. 24+58.03. CL.
PIEDRA QUEMADA RD.=
STA. 2+64.54. 5'RT.
TERESINA CT.
BUILD 1 -4' DIA.
TYPE "E" SAS MH
LA ROCCA RD.
SEE SHEET 26 OF 33
MH# 11N
STA. 28+78.51. CL.
PIEDRA QUEMADA RD.=
STA. 5+93.64. CL.
PIEDRA VISTA PL.
BUILD 1 -4' DIA.
TYPE "E" SAS MH
STA. 28+78.51 PIEDRA QUEMADA RD.
STA. 5+23.49 LA ROCCA RD.
STA. 28+81.51 PIEDRA QUEMADA RD.
STA. 5+23.49 TERESINA CT.
MH# 15H
STA. 26+18.14. 23'RT.
BUILD 1 - 4' DIA.
TYPE "E" SAS MH
MH# 11R
STA. 26+63.96. 2.62'RT.
BUILD 1 - 4' DIA.
TYPE "E" SAS MH
STA. 28+42.51. 10'LT.
INSTALL
1 - 8" GATE VALVE w/
TYPE "A" BOX & LID
1 - FIRE HYDRANT 4' BURY
AS PER STD. DWG 2340
FLANGE ELEV. = 5428.69
w/ BLOCKING
(28+37.51. 18.13 RT. = FH)
PIEDRA VISTA PL.
SEE SHEET 26 OF 33
PIEDRA QUEMADA RD.
SCALE: 1" = 50'
(HORIZ.)
STA. 1+05.74. 5'LT.
INSTALL
1 - 6" 45° BEND
1 - 6 " GATE VALVE w/
TYPE "A" BOX & LID
APPROX. 62.26'RT. 6"PVC
1 - FIRE HYDRANT 4' BURY
STA. 0+61.72. 39'LT.
AS PER STD. DWG. 2340
FLANGE ELEV.= 5432.72
w/ BLOCKING
STA. 2+23.54. 5'LT.
INSTALL
1 - 6" GATE VALVE w/
TYPE "A" BOX & LID
STA. 2+64.54 TERESINA CT.
STA. 24+53.03 PIEDRA QUEMADA RD.
MH# 15G
STA. 2+64.54. 5'RT.
TERESINA CT.=
STA. 24+58.03. CL.
PIEDRA QUEMADA RD.
BUILD 1 -4' DIA.
TYPE "E" SAS MH
PIEDRA QUEMADA RD.
SEE THIS SHEET
PASEO DEL NORTE
MH# 15I
STA. 1+09.54. 5'RT
BUILD 1 - 4' DIA.
TYPE "E" SAS MH
TERESINA CT.
EXISTING GROUND AT
CENTERLINE OF
PROPOSED STREET
ESTIMATED LOCATION
OF BASALT
24+48.03 TP26.89
24+91.03 TP27.10
26+04.87 TP27.66
26+19.25 TP27.73
26+44.33 TP27.42
28+37.41 TP25.05
28+42.51 TP24.99
28+88.51 TP24.42
8" WL
3'MIN. BURY
S=-1.4137%RT.
S=-1.500%LT.
170.74LF 8"SAS
S=-0.600% (166.74LF)
216.00LF 8"SAS S=-2.265% (211.00LF)
264.00LF 8"SAS
S=0.600%
(260.00LF)
SEE SHEET 23 OF 33
MATCHLINE STA. 24+00.00
24+48.03. 10'LT.
TEE - TP25.84
24+58.03. CL. PIEDRA QUEMADA RD.=
2+64.54. 5'RT. TERESINA CT.
MANHOLE #15G
BUILD 4' DIA. TYPE "E" MH
RIM 5430.87
INV(W)23.41.INV(E)23.51
INV(S)23.51
26+18.14. 23'RT. PIEDRA QUEMADA RD.
MANHOLE #15H
BUILD 4' DIA. TYPE "E" MH
RIM 5430.01
INV(W)24.51
26+63.96. 2.62'RT. PIEDRA QUEMADA RD.
MANHOLE #11R
BUILD 4' DIA. TYPE "E" MH
RIM 5430.26
INV(N)24.60
28+37.41. 10'LT.
TEE - TP25.05
28+78.51. CL. PIEDRA QUEMADA RD.=
5+23.49. 3'LT. PIEDRAS VISTA PL.
MANHOLE #11N
BUILD 4' DIA. TYPE "E" MH
RIM 5427.32
INV(W)19.72.INV(E)19.82
INV(S)19.82
28+88.51. 10'LT.
TEE - TP24.42
PROPOSED TOP OF
CURB. RT. & LT.
1+05.74 TP29.00
2+23.54 TP27.53
2+74.54 TP26.89
S=-0.5000 %
S=-0.5000 % RT.
S=-0.638 % LT.
6" WL 3'MIN. BURY
155.00LF 8"SAS S=0.728% (151.00LF)
1+09.54. 5'RT. TERESINA CT.
MANHOLE #15I
BUILD 4' DIA. TYPE "E" MH
RIM 5431.31
INV(N)24.61
2+64.54. 5'RT. TERESINA CT.=
24+58.03. CL. PIEDRA QUEMADA RD.
MANHOLE #15G
BUILD 4' DIA. TYPE "E" MH
RIM 5430.87
INV(W)23.41.INV(E)23.51
INV(S)23.51
2+74.54. 5'LT.
TEE - TP26.89
5460
5450
5440
5430
5420
5410
5400
5390
5380
23
24
25+00
26
27
28
29
0+00
1
2
3
SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

WATERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T3	N63°37'21"W	203.12'
T4	N71°22'39"E	39.01'
T5	S26°22'39"W	242.42'
T6	S26°22'39"W	160.80'

SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T7	N26°22'39"E	155.00'
T8	S63°37'21"E	228.78'
T9	N26°22'39"E	215.00'

NOTES

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AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

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

SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL
TAMARA K. [illegible]
NEW MEXICO
#10095
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN		
DESIGNED BY	TKM/PLL	DATE 2/96
DRAWN BY	BS/PEB	DATE 2/96
CHECKED BY	TKM	DATE 2/96

26-5316.91 2497

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH TRACT 4A
PAVING PLAN & PROFILE
TERESINA CT. / PIEDRA QUEMADA RD.

CITY ENGINEER APPROVAL
B.J.G. 5/29/96

LAST DESIGN UPDATE

MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. 5316.91
ZONE MAP NO. B9.B10
SHEET 24 OF 33

BHI JOB NO. 95228A2440

DATE: MARCH, 1996

CDPS:IC9522840.TRACT4-7.PNP103-TERESINA-PNP.GRF

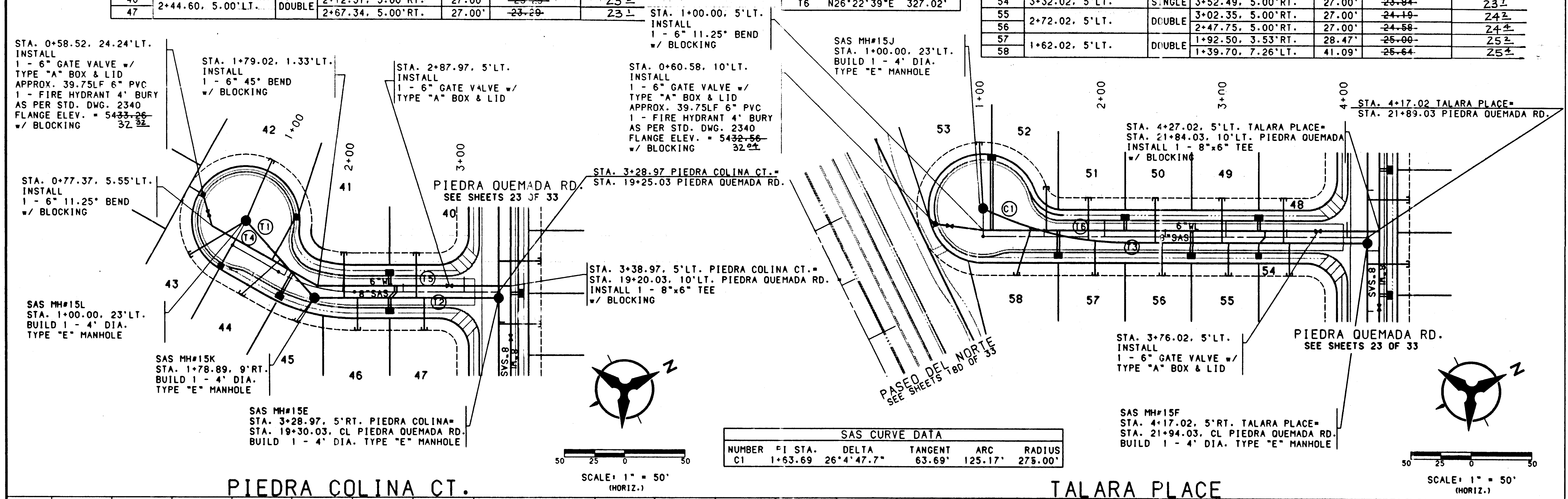
SCANNED BY LASO

WATER & SANITAR SEWER SERVICES						
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG	TOP OF PIPE AT PLUG
40	2+39.60, 5.00'LT.	DOUBLE	2+60.95, 5.00'RT.	37.00'	~~23.63~~	$23^{\underline{8}}$
41			2+01.63, 5.28'RT.	37.39'	~~24.86~~	$24^{\underline{6}}$
42	1+35.68, 7.89'LT.	SINGLE	1+00.00, 23.00'LT.	54.96'	~~26.73~~	$26^{\underline{9}}$
43	0+99.56, 5.63'LT.	SINGLE	1+00.00, 23.00'LT.	55.03'	~~26.73~~	$26^{\underline{6}}$
44	1+55.88, 7.18'LT.	DOUBLE	1+26.51, 14.14'LT.	43.59'	~~26.62~~	$26^{\underline{1}}$
45			1+74.70, 6.12'RT.	25.21'	~~25.16~~	$25^{\underline{3}}$
46	2+44.60, 5.00'LT.	DOUBLE	2+12.31, 5.00'RT.	27.00'	~~23.29~~	$23^{\underline{3}}$
47			2+67.34, 5.00'RT.	27.00'	~~23.29~~	$23^{\underline{1}}$

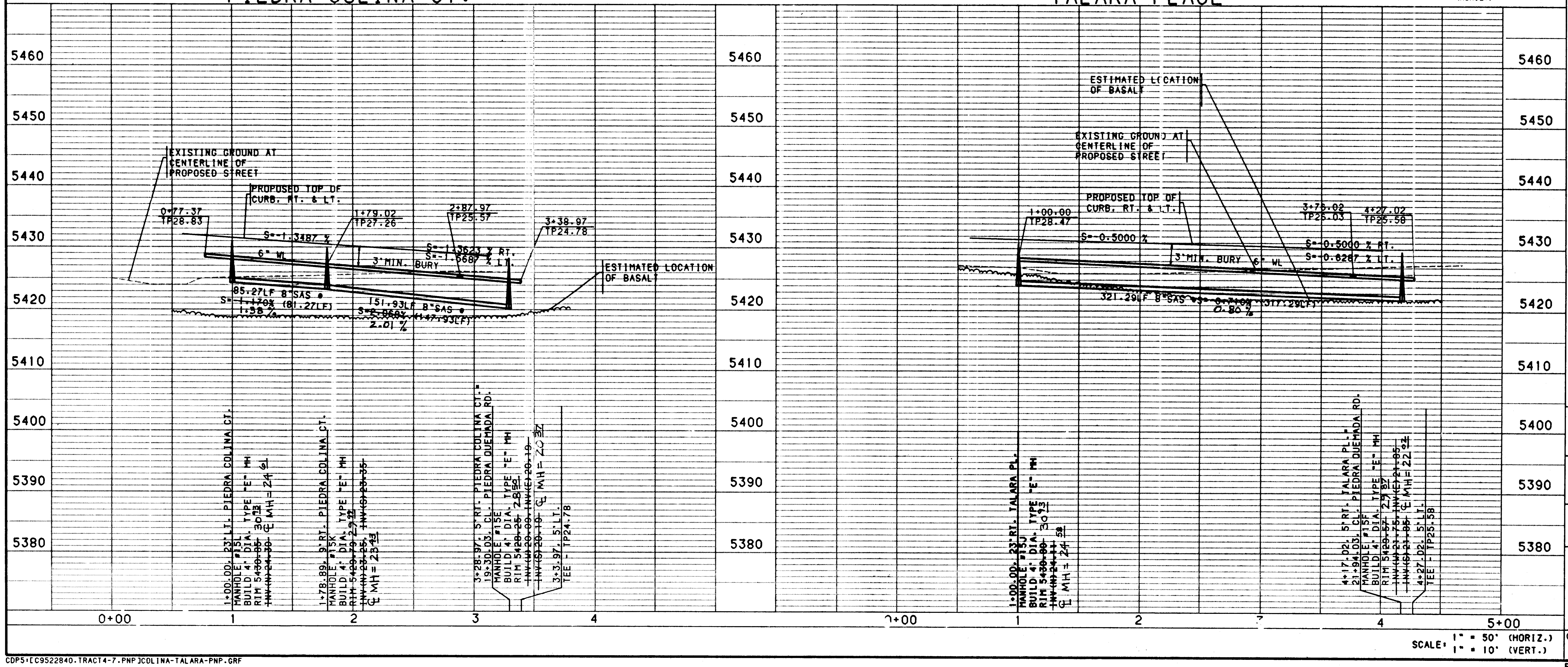
SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N74°13'16.7"E	85.27'
T2	N26°22'39"E	151.93'
T3	N26°22'39"E	196.12'

WATERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T4	S55°30'37"E	100.87'
T5	N26°22'39"E	159.33'
T6	N26°22'39"E	327.02'

WATER & SANITARY SEWER SERVICES						
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG	TOP OF PIPE AT PLUG
48	3+27.02, 5'LT.	DOUBLE	3+47.49, 5.00'RT.	37.00'	~~24.07~~	$24^{\underline{2}}$
49			2+96.92, 5.00'RT.	37.00'	~~24.76~~	$24^{\underline{6}}$
50	2+17.02, 5'LT.	DOUBLE	2+41.86, 5.00'RT.	37.00'	~~24.82~~	$24^{\underline{8}}$
51			1+86.90, 2.89'RT.	34.89'	~~25.17~~	$25^{\underline{3}}$
52	1+07.02, 5'LT.	DOUBLE	1+52.02, 3.76'LT.	37.21'	~~25.47~~	$25^{\underline{5}}$
53			1+00.00, 23.00'LT.	55.00'	~~26.21~~	$26^{\underline{4}}$
54	3+32.02, 5'LT.	SINGLE	3+52.49, 5.00'RT.	27.00'	~~23.84~~	$23^{\underline{7}}$
55	2+72.02, 5'LT.	DOUBLE	3+02.35, 5.00'RT.	27.00'	~~24.19~~	$24^{\underline{2}}$
56			2+47.75, 5.00'RT.	27.00'	~~24.58~~	$24^{\underline{4}}$
57	1+62.02, 5'LT.	DOUBLE	1+92.50, 3.53'RT.	28.47'	~~25.00~~	$25^{\underline{2}}$
58			1+39.70, 7.26'LT.	41.09'	~~25.64~~	$25^{\underline{4}}$


STA. 0+58.52, 24.24'LT.
INSTALL
1 - 6" GATE VALVE w/
TYPE "A" BOX & LID
APPROX. 39.75LF 6" PVC
1 - FIRE HYDRANT 4' BURY
AS PER STD. DWG. 2340
FLANGE ELEV. = 54~~33.26~~ $32^{\underline{32}}$
w/ BLOCKING
STA. 1+79.02, 1.33'LT.
INSTALL
1 - 6" 45° BEND
w/ BLOCKING
STA. 2+87.97, 5'LT.
INSTALL
1 - 6" GATE VALVE w/
TYPE "A" BOX & LID
STA. 1+00.00, 5'LT.
INSTALL
1 - 6" 11.25° BEND
w/ BLOCKING
STA. 0+60.58, 10'LT.
INSTALL
1 - 6" GATE VALVE w/
TYPE "A" BOX & LID
APPROX. 39.75LF 6" PVC
1 - FIRE HYDRANT 4' BURY
AS PER STD. DWG. 2340
FLANGE ELEV. = 54~~32.56~~ $32^{\underline{04}}$
w/ BLOCKING
STA. 0+77.37, 5.55'LT.
INSTALL
1 - 6" 11.25° BEND
w/ BLOCKING
PIEDRA QUEMADA RD.
SEE SHEETS 23 OF 33
STA. 3+28.97 PIEDRA COLINA CT.=
STA. 19+25.03 PIEDRA QUEMADA RD.
STA. 3+38.97, 5'LT. PIEDRA COLINA CT.=
STA. 19+20.03, 10'LT. PIEDRA QUEMADA RD.
INSTALL 1 - 8"x6" TEE
w/ BLOCKING
SAS MH#15L
STA. 1+00.00, 23'LT.
BUILD 1 - 4' DIA.
TYPE "E" MANHOLE
SAS MH#15K
STA. 1+78.89, 9'RT.
BUILD 1 - 4' DIA.
TYPE "E" MANHOLE
SAS MH#15E
STA. 3+28.97, 5'RT. PIEDRA COLINA=
STA. 19+30.03, CL PIEDRA QUEMADA RD.
BUILD 1 - 4' DIA. TYPE "E" MANHOLE
40
41
42
43
44
45
46
47
1+00
2+00
3+00
T1
T2
T4
T5
6" WL
8" SAS
8" SAS
8" WL
N
50 25 0 50
SCALE: 1" = 50'
(HORIZ.)
SAS MH#15J
STA. 1+00.00, 23'LT.
BUILD 1 - 4' DIA.
TYPE "E" MANHOLE
STA. 4+17.02 TALARA PLACE=
STA. 21+89.03 PIEDRA QUEMADA RD.
STA. 4+27.02, 5'LT. TALARA PLACE=
STA. 21+84.03, 10'LT. PIEDRA QUEMADA
INSTALL 1 - 8"x6" TEE
w/ BLOCKING
48
49
50
51
52
53
54
55
56
57
58
C1
T3
T6
6" WL
8" SAS
PASEO DEL NORTE
SEE SHEETS 18D OF 33
STA. 3+76.02, 5'LT.
INSTALL
1 - 6" GATE VALVE w/
TYPE "A" BOX & LID
PIEDRA QUEMADA RD.
SEE SHEETS 23 OF 33
SAS MH#15F
STA. 4+17.02, 5'RT. TALARA PLACE=
STA. 21+94.03, CL PIEDRA QUEMADA RD.
BUILD 1 - 4' DIA. TYPE "E" MANHOLE
N
50 25 0 50
SCALE: 1" = 50'
(HORIZ.)

SAS CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	1+63.69	26°4'47.7"	63.69'	125.17'	275.00'


PIEDRA COLINA CT.
TALARA PLACE
5460
5450
5440
5430
5420
5410
5400
5390
5380
EXISTING GROUND AT CENTERLINE OF PROPOSED STREET
PROPOSED TOP OF CURB, RT. & LT.
0+77.37
TP28.83
1+79.02
TP27.26
2+87.97
TP25.57
3+38.97
TP24.78
S=-1.3487 %
S=-1.3623 % RT.
S=-1.5687 % LT.
6" WL
3' MIN. BURY
85.27LF 8" SAS @
S=~~1.170%~~ (81.27LF)
1.38 %
151.93LF 8" SAS @
S=~~2.068%~~ (147.93LF)
2.01 %
ESTIMATED LOCATION OF BASALT
ESTIMATED LOCATION OF BASALT
EXISTING GROUND AT CENTERLINE OF PROPOSED STREET
PROPOSED TOP OF CURB, RT. & LT.
1+00.00
TP28.47
S=-0.5000 %
3' MIN. BURY
6" WL
3+76.02
TP25.03
4+27.02
TP25.58
S=-0.5000 % RT.
S=-0.6287 % LT.
321.29LF 8" SAS @ S=~~0.710%~~ (317.29LF)
0.80 %
0+00
1
2
3
4
0+00
1
2
3
4
5+00

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

CDP5:[C9522840.TRACT4-7.PNP]COLINA-TALARA-PNP.GRF

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4"x4"x5' 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 AND 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. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

AS-BUILT INFORMATION

CONTRACTOR Sparling Const.
WORK STAKED BY Sparling Const.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY Sparling DATE 12/96
DRAWINGS CORRECTED BY Sparling DATE 12/96

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X =357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
Δα= -00°16'30"
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

TAMARA K. MORRIS 11086

26-5316.91 2597

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen

David C. Clausen N.M.L.S. # 6547

DAVID C. CLAUSEN 6547

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY TKM/PLL DATE 2/96
DRAWN BY BS/PEB DATE 2/96
CHECKED BY TKM DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH - TRACT 4A
UTILITY PLAN & PROFILE
PIEDRA COLINA CT. / TALARA PL.

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
B.J.B. 5/29/96				

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	25	33

BHI JOB NO. 95228A2440

DATE: MARCH, 1996

SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N00°16'51"E	127.58'
T2	N63°37'21"W	156.26'
T3	N63°37'21"W	201.36'
T4	N63°37'21"W	63.39'
T5	N63°37'21"W	264.75'
T6	N63°37'21"W	242.73'

SAS CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	1+50.58	20°50'41.4"	50.58'	100.05'	275.00'
C1	3+46.37	09°18'07.1"	22.37'	44.65'	275.00'

WATER LINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T7	N00°16'51"E	256.70'
T8	N63°37'21"W	215.18'
T9	N63°37'21"W	258.92'
T10	N63°37'21"W	634.84'

WATER & SANITARY SEWER SERVICES						
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG	
7	11+52.41, 10'RT.	DOUBLE	11+77.93, CL.	35.00'	~~22.34~~	22.5
8			11+29.81, CL.	35.00'	~~22.63~~	22.4
9	10+52.41, 10'RT.	DOUBLE	10+62.41, CL.	35.00'	~~22.79~~	22.8
10			10+26.35, CL.	35.00'	~~22.18~~	22.3
11	9+52.41, 10'RT.	DOUBLE	9+77.03, CL.	35.00'	~~21.35~~	21.5
12			9+32.62, CL.	35.00'	~~20.61~~	20.7
17	11+34.51, 10'RT.	DOUBLE	11+60.80, CL.	35.00'	~~22.44~~	22.2
18			11+24.51, CL.	35.00'	~~22.66~~	22.8
19	10+31.01, 10'RT.	DOUBLE	10+57.07, CL.	35.00'	~~22.70~~	22.7
20			10+05.12, CL.	35.00'	~~21.83~~	21.6
21	9+27.52, 10'RT.	DOUBLE	9+52.19, CL.	35.00'	~~20.90~~	21.0
22			9+00.90, CL.	35.00'	~~20.06~~	20.2
89	---------------	------	(FUTURE) 7+65.31,CL	35.00'	20.33	
90			8+12.01, CL.	35.00'	20.05	
91	8+24.02, 10'RT.	DOUBLE	8+47.31, CL.	35.00'	19.84	
92			(FUTURE) 7+96.51,CL	35.00'	20.15	

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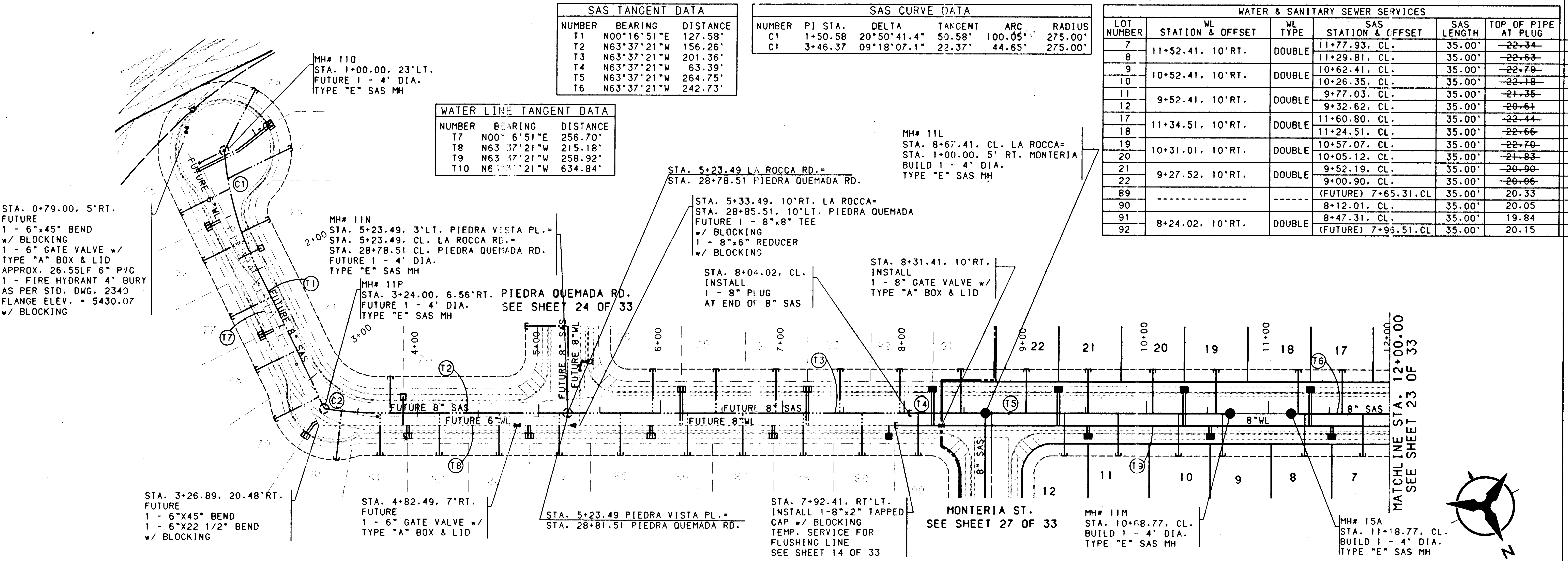
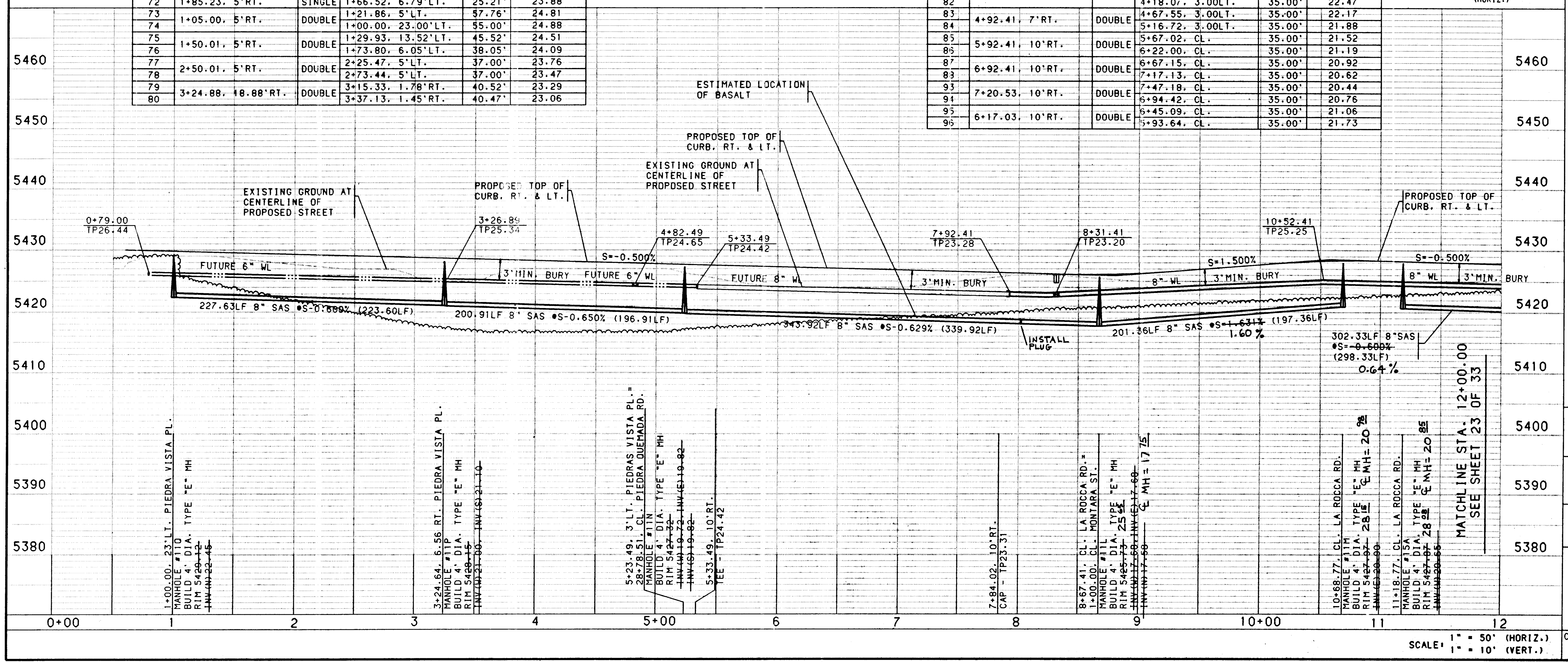
12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.


MH# 110
STA. 1+00.00, 23'LT.
FUTURE 1 - 4' DIA.
TYPE "E" SAS MH
STA. 0+79.00, 5'RT.
FUTURE
1 - 6"x45° BEND
w/ BLOCKING
1 - 6" GATE VALVE w/
TYPE "A" BOX & LID
APPROX. 26.55LF 6" PVC
1 - FIRE HYDRANT 4' BURY
AS PER STD. DWG. 2340
FLANGE ELEV. = 5430.07
w/ BLOCKING
MH# 11N
STA. 5+23.49, 3'LT. PIEDRA VISTA PL.=
STA. 5+23.49, CL. LA ROCCA RD.=
STA. 28+78.51 CL. PIEDRA QUEMADA RD.
FUTURE 1 - 4' DIA.
TYPE "E" SAS MH
MH# 11P
STA. 3+24.00, 6.56'RT.
FUTURE 1 - 4' DIA.
TYPE "E" SAS MH
PIEDRA QUEMADA RD.
SEE SHEET 24 OF 33
STA. 5+23.49 LA ROCCA RD.=
STA. 28+78.51 PIEDRA QUEMADA RD.
STA. 5+33.49, 10'RT. LA ROCCA=
STA. 28+85.51, 10'LT. PIEDRA QUEMADA
FUTURE 1 - 8"x8" TEE
w/ BLOCKING
1 - 8"x6" REDUCER
w/ BLOCKING
STA. 8+04.02, CL.
INSTALL
1 - 8" PLUG
AT END OF 8" SAS
MH# 11L
STA. 8+67.41, CL. LA ROCCA=
STA. 1+00.00, 5' RT. MONTERIA
BUILD 1 - 4' DIA.
TYPE "E" SAS MH
STA. 8+31.41, 10'RT.
INSTALL
1 - 8" GATE VALVE w/
TYPE "A" BOX & LID
FUTURE 8" SAS
FUTURE 6" WL
FUTURE 8" WL
8" SAS
8" WL
STA. 3+26.89, 20.48'RT.
FUTURE
1 - 6"X45° BEND
1 - 6"X22 1/2° BEND
w/ BLOCKING
STA. 4+82.49, 7'RT.
FUTURE
1 - 6" GATE VALVE w/
TYPE "A" BOX & LID
STA. 5+23.49 PIEDRA VISTA PL.=
STA. 28+81.51 PIEDRA QUEMADA RD.
STA. 7+92.41, RT'LT.
INSTALL 1-8"x2" TAPPED
CAP w/ BLOCKING
TEMP. SERVICE FOR
FLUSHING LINE
SEE SHEET 14 OF 33
MONTERIA ST.
SEE SHEET 27 OF 33
MH# 11M
STA. 10+68.77, CL.
BUILD 1 - 4' DIA.
TYPE "E" SAS MH
MH# 15A
STA. 11+18.77, CL.
BUILD 1 - 4' DIA.
TYPE "E" SAS MH
MATCHLINE STA. 12+00.00
SEE SHEET 23 OF 33
N
50 25 0 50
SCALE: 1" = 50'
(HORIZ.)

PIEDRA VISTA PL. & LA ROCCA RD.

WATER & SANITARY SEWER SERVICES					
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG
71	3+88.49, 7'RT.	SINGLE	3+77.79, 3'LT.	29.00'	22.59
72	1+85.23, 5'RT.	SINGLE	1+66.52, 6.79'LT.	25.21'	23.88
73	1+05.00, 5'RT.	DOUBLE	1+21.86, 5'LT.	57.76'	24.81
74			1+00.00, 23.00'LT.	55.00'	24.88
75	1+50.01, 5'RT.	DOUBLE	1+29.93, 13.52'LT.	45.52'	24.51
76			1+73.80, 6.05'LT.	38.05'	24.09
77	2+50.01, 5'RT.	DOUBLE	2+25.47, 5'LT.	37.00'	23.76
78			2+73.44, 5'LT.	37.00'	23.47
79	3+24.88, 18.88'RT.	DOUBLE	3+15.33, 1.78'RT.	40.52'	23.29
80			3+37.13, 1.45'RT.	40.47'	23.06

WATER & SANITARY SEWER SERVICES					
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG
81	3+92.41, 7'RT.	DOUBLE	3+69.56, 3.00LT.	35.00'	22.76
82			4+18.07, 3.00LT.	35.00'	22.47
83	4+92.41, 7'RT.	DOUBLE	4+67.55, 3.00LT.	35.00'	22.17
84			5+16.72, 3.00LT.	35.00'	21.88
85	5+92.41, 10'RT.	DOUBLE	5+67.02, CL.	35.00'	21.52
86			6+22.00, CL.	35.00'	21.19
87	6+92.41, 10'RT.	DOUBLE	6+67.15, CL.	35.00'	20.92
88			7+17.13, CL.	35.00'	20.62
93	7+20.53, 10'RT.	DOUBLE	7+47.18, CL.	35.00'	20.44
94			6+94.42, CL.	35.00'	20.76
95	6+17.03, 10'RT.	DOUBLE	6+45.09, CL.	35.00'	21.06
96			5+93.64, CL.	35.00'	21.73


5460
5450
5440
5430
5420
5410
5400
5390
5380
ESTIMATED LOCATION OF BASALT
PROPOSED TOP OF CURB, RT. & LT.
EXISTING GROUND AT CENTERLINE OF PROPOSED STREET
0+79.00
TP26.44
3+26.89
TP25.34
4+82.49
TP24.65
5+33.49
TP24.42
7+92.41
TP23.28
8+31.41
TP23.20
10+52.41
TP25.25
S=-0.500%
S=1.500%
FUTURE 6" WL
FUTURE 8" WL
8" WL
3'MIN. BURY
227.63LF 8" SAS @S=0.680% (223.60LF)
200.91LF 8" SAS @S=0.650% (196.91LF)
343.92LF 8" SAS @S=0.629% (339.92LF)
201.36LF 8" SAS @S=~~1.631%~~ (197.36LF) 1.60%
302.33LF 8"SAS @S=~~0.600%~~ (298.33LF) 0.64%
INSTALL PLUG
1+00.00, 23'LT. PIEDRA VISTA PL.
MANHOLE #110
BUILD 4' DIA. TYPE "E" MH
RIM ~~5429.12~~
~~INV(N) 22.45~~
3+24.64, 6.56 RT. PIEDRA VISTA PL.
MANHOLE #11P
BUILD 4' DIA. TYPE "E" MH
RIM ~~5428.15~~
~~INV(W)21.00, INV(S)21.10~~
5+23.49, 3'LT. PIEDRAS VISTA PL.=
28+78.51, CL. PIEDRA QUEMADA RD.
MANHOLE #11N
BUILD 4' DIA. TYPE "E" MH
RIM ~~5427.32~~
~~INV(N)19.72, INV(E)19.82~~
~~INV(S)19.82~~
5+33.49, 10'RT.
TEE - TP24.42
7+84.02, 10'RT.
CAP - TP23.31
8+67.41, CL. LA ROCCA RD.=
1+00.00, CL. MONTARA ST.
MANHOLE #11L
BUILD 4' DIA. TYPE "E" MH
RIM ~~5425.73~~ 25.55
~~INV(W)17.68, INV(E)17.68~~
~~INV(N)17.58~~
℄ MH = 17.75
10+68.77, CL. LA ROCCA RD.
MANHOLE #11M
BUILD 4' DIA. TYPE "E" MH
RIM ~~5427.07~~ 28.18
~~INV(E)20.00~~
℄ MH = 20.98
11+18.77, CL. LA ROCCA RD.
MANHOLE #15A
BUILD 4' DIA. TYPE "E" MH
RIM ~~5427.87~~ 28.28
~~INV(N)20.55~~
℄ MH = 20.85
MATCHLINE STA. 12+00.00
SEE SHEET 23 OF 33
0+00
1
2
3
4
5+00
6
7
8
9
10+00
11
12

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

CDPS:[C9526201.TRACT4-7.PNP]ROCCA-PNP.GRF

261-5316.91 2697

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen

David C. Clausen N.M.L.S. # 6547

6547

AS-BUILT INFORMATIO	
CONTRACTOR	Sparling Const.
WORK STAKED BY	Sparling Const.
INSPECTOR'S ACCEPTANCE BY	C.O.A. DATE 12/96
FIELD VERIFICATION BY	Sparling DATE 12/96
DRAWINGS CORRECTED BY	Sparling DATE 12/96
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X =357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
Δα= -00°16'30"
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED BY	TKM/PLL	DATE	2/96
DRAWN BY	PLL/BS/PB	DATE	2/96
CHECKED BY	TKM	DATE	2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH - TRACTS 4A & 7A
UTILITY PLAN & PROFILE
PIEDRA VISTA PL. / LA ROCCA RD.

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
B.J.B. 5/29/96			
	LAST DESIGN UPDATE		

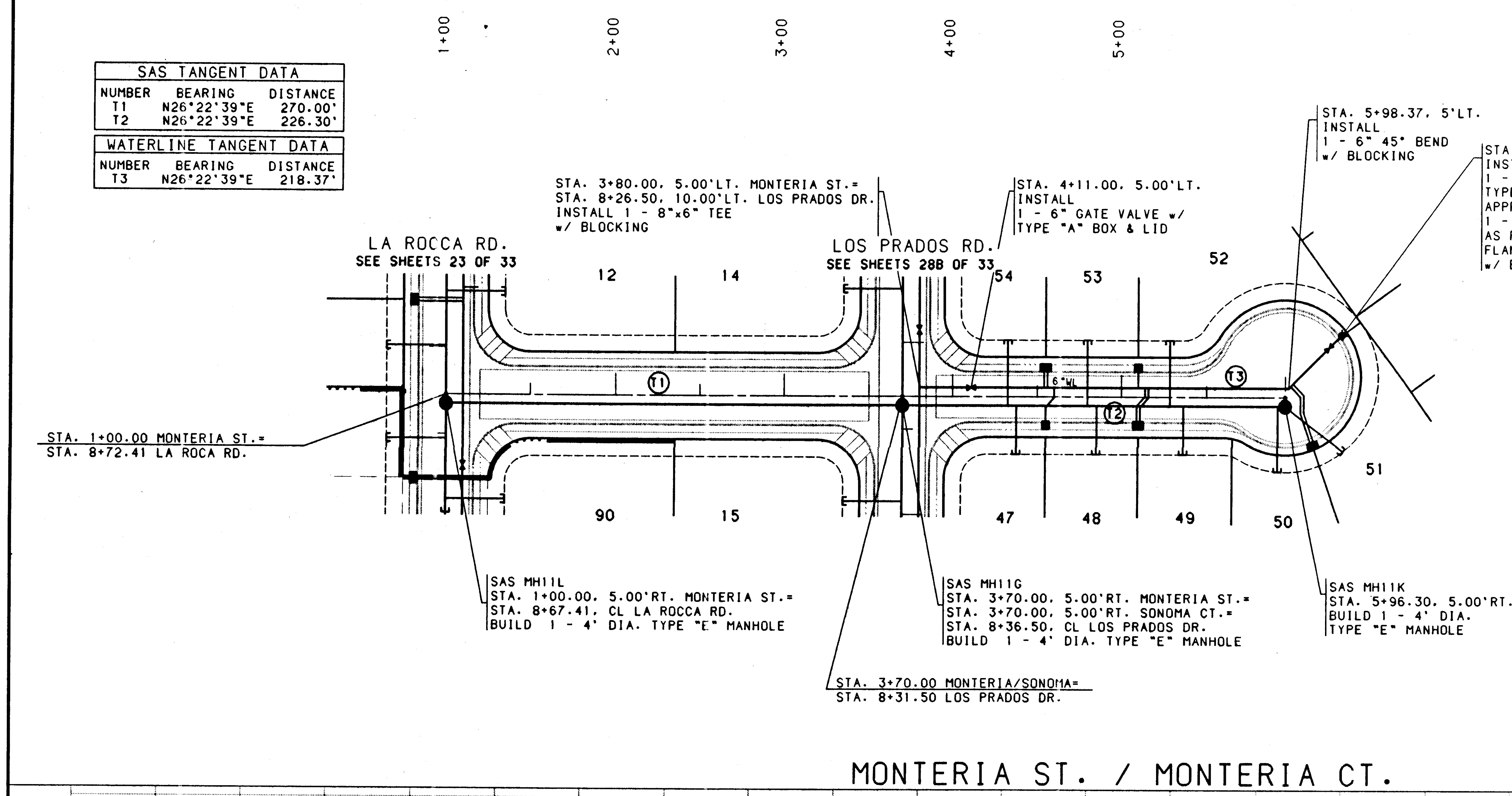
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	26	33

BHI JOB NO. 95262A2417

DATE: MARCH, 1996

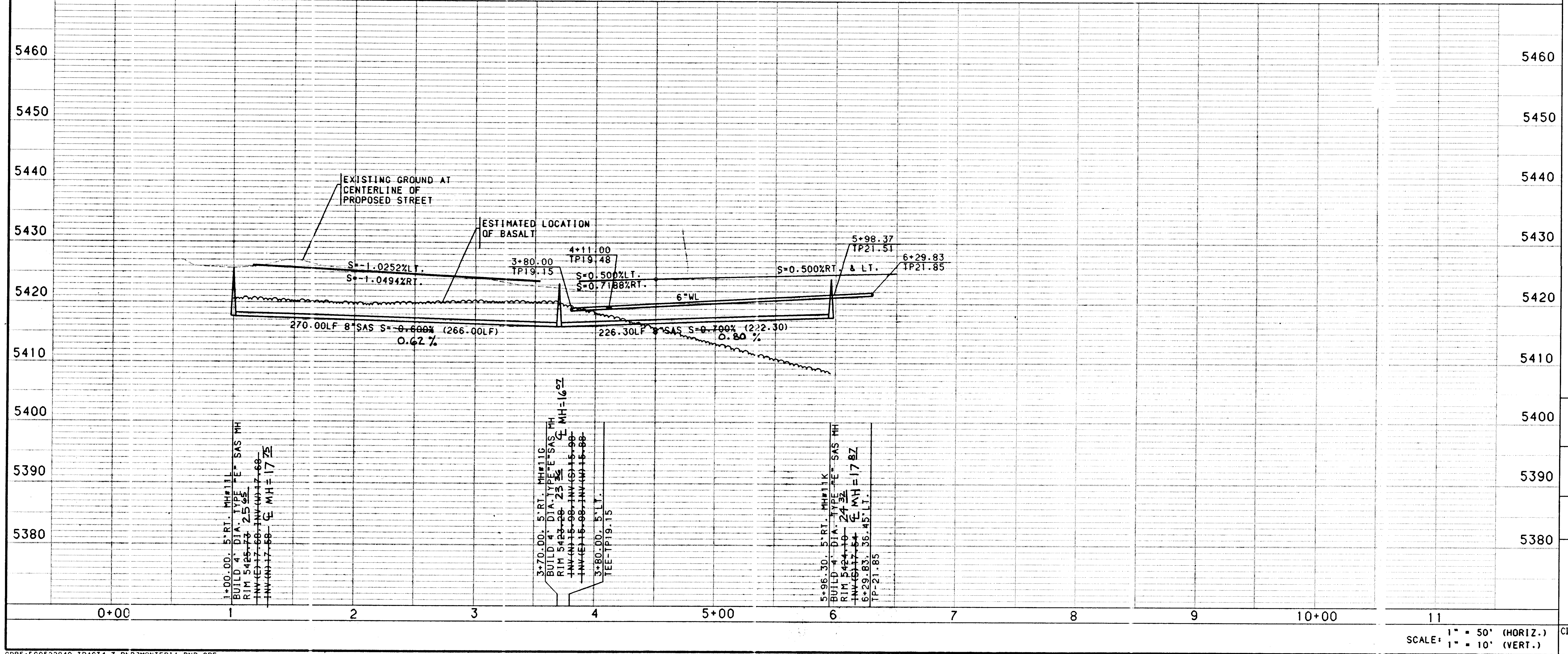
SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N26°22'39"E	270.00'
T2	N26°22'39"E	226.30'

WATERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T3	N26°22'39"E	218.37'


1+00
2+00
3+00
4+00
5+00
STA. 3+80.00, 5.00'LT. MONTERIA ST.=
STA. 8+26.50, 10.00'LT. LOS PRADOS DR.
INSTALL 1 - 8"x6" TEE
w/ BLOCKING
STA. 4+11.00, 5.00'LT.
INSTALL
1 - 6" GATE VALVE w/
TYPE "A" BOX & LID
STA. 5+98.37, 5'LT.
INSTALL
1 - 6" 45° BEND
w/ BLOCKING
STA. 6+29.83, 36.45'LT.
INSTALL
1 - 6" GATE VALVE w/
TYPE "A" BOX & LID
APPROX. 39.75LF 6" PVC
1 - FIRE HYDRANT 4' BURY
AS PER STD. DWG. 2340
FLANGE ELEV. = 54~~25.45~~ 25 15
w/ BLOCKING
LA ROCCA RD.
SEE SHEETS 23 OF 33
LOS PRADOS RD.
SEE SHEETS 28B OF 33
12
14
54
53
52
T1
T2
T3
6"WL
51
90
15
47
48
49
50
STA. 1+00.00 MONTERIA ST.=
STA. 8+72.41 LA ROCA RD.
SAS MH11L
STA. 1+00.00, 5.00'RT. MONTERIA ST.=
STA. 8+67.41, CL LA ROCCA RD.
BUILD 1 - 4' DIA. TYPE "E" MANHOLE
SAS MH11G
STA. 3+70.00, 5.00'RT. MONTERIA ST.=
STA. 3+70.00, 5.00'RT. SONOMA CT.=
STA. 8+36.50, CL LOS PRADOS DR.
BUILD 1 - 4' DIA. TYPE "E" MANHOLE
SAS MH11K
STA. 5+96.30, 5.00'RT.
BUILD 1 - 4' DIA.
TYPE "E" MANHOLE
STA. 3+70.00 MONTERIA/SONOMA=
STA. 8+31.50 LOS PRADOS DR.
N
50 25 0 50
SCALE: 1" = 50'
(HORIZ.)

WATER & SANITARY SEWER SERVICES						
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG	
47	4+60.00, 5.00'LT.	SINGLE	4+37.74, 5'RT.	28.00'	~~18.33~~	18 4
48	5+15.00, 5.00'LT.	DOUBLE	4+85.36, 5'RT.	28.00'	~~18.67~~	18 9
49			5+36.49, 5'RT.	28.00'	~~19.02~~	18 8
50	6+03.22, 4.01'LT.	DOUBLE	5+91.90, 5'RT.	37.82'	~~19.61~~	19 6
51			5+96.30, 5'RT.	43.14'	~~19.73~~	19 8
52	5+10.09, 5.00'LT.	SINGLE	5+28.65, 5'RT.	38.00'	~~19.17~~	19 3
53	4+55.09, 5.00'LT.	DOUBLE	4+79.92, 5'RT.	38.00'	~~18.83~~	18 7
54			4+32.74, 5'RT.	38.00'	~~18.50~~	18 4

MONTERIA ST. / MONTERIA CT.


5460
5450
5440
5430
5420
5410
5400
5390
5380
EXISTING GROUND AT
CENTERLINE OF
PROPOSED STREET
ESTIMATED LOCATION
OF BASALT
S=-1.0252%LT.
S=-1.0494%RT.
3+80.00
TP19.15
4+11.00
TP19.48
S=0.500%LT.
S=0.7188%RT.
6"WL
S=0.500%RT. & LT.
5+98.37
TP21.51
6+29.83
TP21.85
270.00LF 8"SAS S=~~-0.600%~~ (266.00LF)
0.62%
226.30LF 8"SAS S=~~0.700%~~ (222.30)
0.80%
1+00.00, 5'RT. MH#11L
BUILD 4' DIA. TYPE "E" SAS MH
RIM 54~~25.73~~ 25 65
~~INV (E) 17.68, INV (W) 17.68~~
~~INV (N) 17.58~~ ℄ MH=17 75
3+70.00, 5'RT. MH#11G
BUILD 4' DIA. TYPE "E" SAS MH
RIM 54~~23.28~~ 23 36 ℄ MH=16 07
~~INV (N) 15.98, INV (S) 15.98~~
~~INV (E) 15.98, INV (W) 15.88~~
3+80.00, 5'LT.
TEE-TP19.15
5+96.30, 5'RT. MH#11K
BUILD 4' DIA. TYPE "E" SAS MH
RIM 54~~24.10~~ 24 32
~~INV (S) 17.54~~ ℄ MH=17 87
6+29.83, 36.45'LT.
TP-21.85
0+00
1
2
3
4
5+00
6
7
8
9
10+00
11

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

CDP5:CC9522840.TRACT4-7.PAP]MONTERIA-PNP.GRF

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4"x4"x5' 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 AND 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. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

26-5316-91 2797

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen

David C. Clausen N.M.L.S. # 6547

6547

AS-BUILT INFORMATION
CONTRACTOR Sparling Const.
WORK STAKED BY Sparling Const.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY Sparling DATE 12/96
DRAWINGS CORRECTED BY Sparling DATE 12/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

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

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

TAMARA K. MORGAN 3/25/96

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY PLL/TKM DATE 2/96
DRAWN BY BS/PEB DATE 2/96
CHECKED BY TKM DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH - TRACTS 4A & 7A
UTILITY PLAN & PROFILE
MONTERIA ST. / SONOMA CT.

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
B.J.B. 5/29/96				

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	27	33

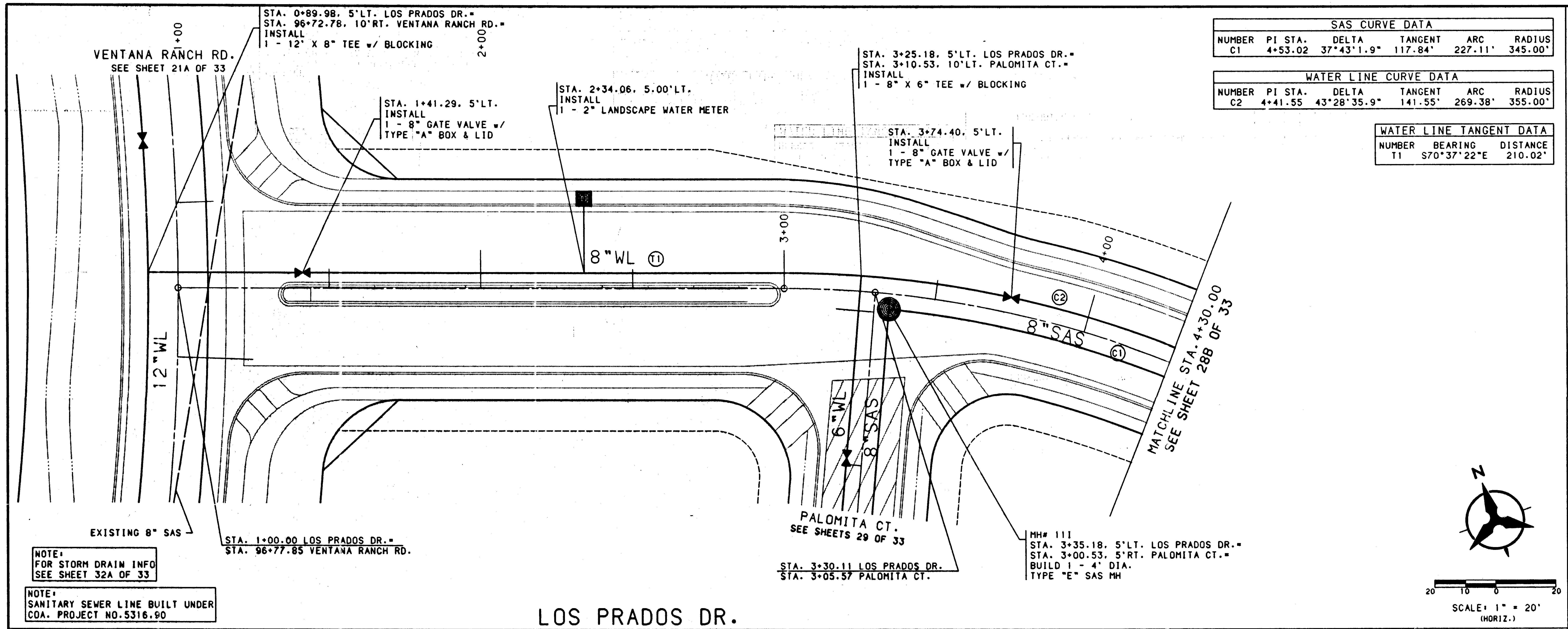
BHI JOB NO. 95228A2440

COPYRIGHT BOHANNAN-HUSTON, INC. 1996
DATE: MARCH, 1996

SAS CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	4+53.02	37°43'1.9"	117.84'	227.11'	345.00'

WATER LINE CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C2	4+41.55	43°28'35.9"	141.55'	269.38'	355.00'

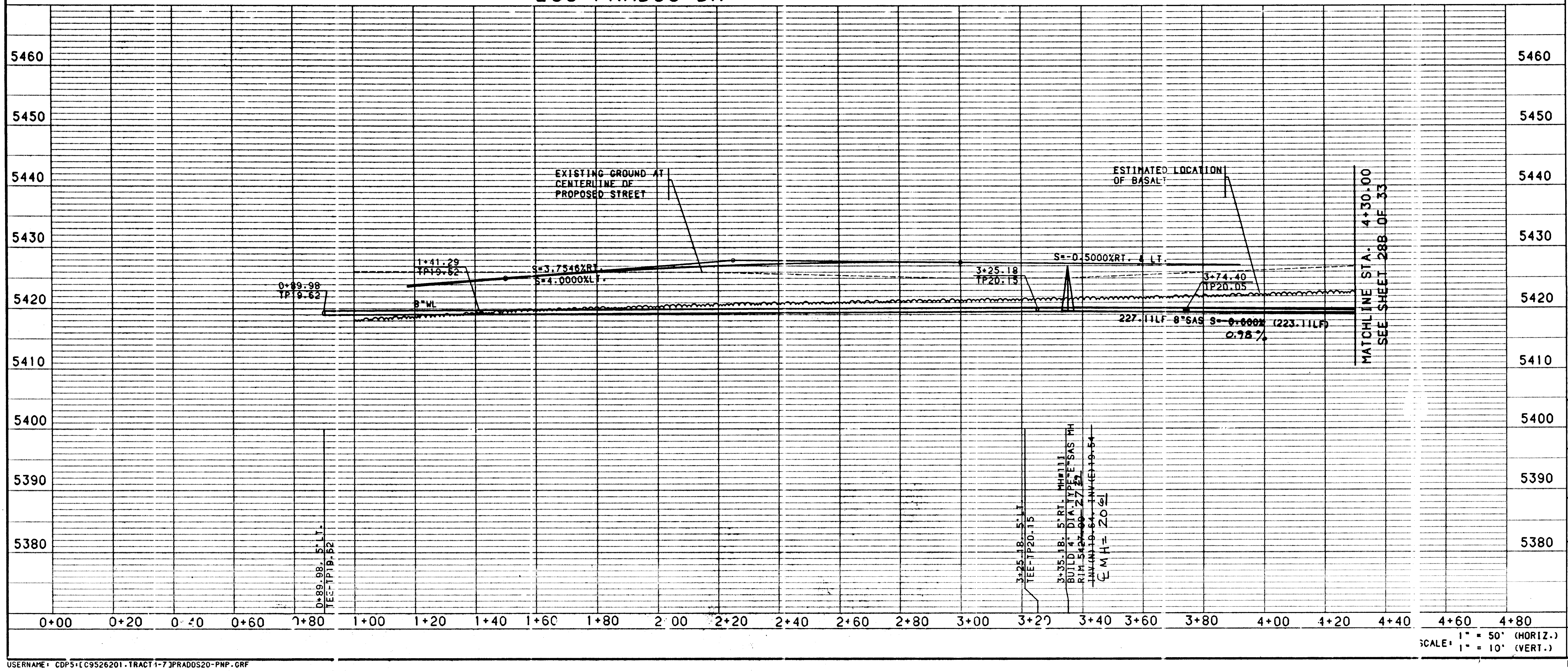
WATER LINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	S70°37'22"E	210.02'


VENTANA RANCH RD.
SEE SHEET 21A OF 33
1+00
2+00
3+00
4+00
STA. 0+89.98, 5'LT. LOS PRADOS DR.=
STA. 96+72.78, 10'RT. VENTANA RANCH RD.=
INSTALL
1 - 12" X 8" TEE w/ BLOCKING
STA. 1+41.29, 5'LT.
INSTALL
1 - 8" GATE VALVE w/
TYPE "A" BOX & LID
STA. 2+34.06, 5.00'LT.
INSTALL
1 - 2" LANDSCAPE WATER METER
STA. 3+25.18, 5'LT. LOS PRADOS DR.=
STA. 3+10.53, 10'LT. PALOMITA CT.=
INSTALL
1 - 8" X 6" TEE w/ BLOCKING
STA. 3+74.40, 5'LT.
INSTALL
1 - 8" GATE VALVE w/
TYPE "A" BOX & LID
8"WL
T1
C2
8"SAS
C1
12"WL
6"WL
8"SAS
MATCHLINE STA. 4+30.00
SEE SHEET 28B OF 33
EXISTING 8" SAS
STA. 1+00.00 LOS PRADOS DR.=
STA. 96+77.85 VENTANA RANCH RD.
PALOMITA CT.
SEE SHEETS 29 OF 33
STA. 3+30.11 LOS PRADOS DR.
STA. 3+05.57 PALOMITA CT.
MH# 111
STA. 3+35.18, 5'LT. LOS PRADOS DR.=
STA. 3+00.53, 5'RT. PALOMITA CT.=
BUILD 1 - 4' DIA.
TYPE "E" SAS MH
N
20 10 0 20
SCALE: 1" = 20'
(HORIZ.)

NOTE:
FOR STORM DRAIN INFO
SEE SHEET 32A OF 33

NOTE:
SANITARY SEWER LINE BUILT UNDER
COA. PROJECT NO.5316.90

LOS PRADOS DR.


5460
5450
5440
5430
5420
5410
5400
5390
5380
EXISTING GROUND AT
CENTERLINE OF
PROPOSED STREET
ESTIMATED LOCATION
OF BASALT
0+89.98
TP19.62
1+41.29
TP19.62
S=3.7546%RT.
S=4.0000%LT.
8"WL
3+25.18
TP20.15
S=-0.5000%RT. & LT.
3+74.40
TP20.05
227.11LF 8"SAS S=~~0.600%~~ (223.11LF)
0.98%
MATCHLINE STA. 4+30.00
SEE SHEET 28B OF 33
0+89.98, 5'LT.
TEE-TP19.62
3+25.18, 5'LT.
TEE-TP20.15
3+35.18, 5'RT. MH#111
BUILD 4' DIA.TYPE"E"SAS MH
RIM=~~5427.00~~ 27.29
~~INV(N)19.64, INV(E)19.54~~
℄ MH= 20.61
0+00
0+20
0+40
0+60
0+80
1+00
1+20
1+40
1+60
1+80
2+00
2+20
2+40
2+60
2+80
3+00
3+20
3+40
3+60
3+80
4+00
4+20
4+40
4+60
4+80

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

USERNAME: CDPS:[C9526201.TRACT1-7]PRADOS20-PNP.GRF

NOTES

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12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

26-5316.91 28A97

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen
David C. Clausen N.M.L.S. # 6547

DAVID C. CLAUSEN 6547

AS-BUILT INFORMATION

CONTRACTOR SPARLING CONST.
WORK STAKED BY SPARLING CONST.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY SPARLING DATE 12/96
DRAWINGS CORRECTED BY SPARLING DATE 12/96

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

A U.S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY BENCH MARK. TOP OF A N.M.S.H.D.RIGHT-OF-WAY MARKER ("T" RAIL). STA.106+50. LOCATED ON THE EASTERLY RIGHT-OF-WAY OF NEW MEXICO STATE HWY.14.
SEA LEVEL - DATUM 1929
ELEVATION = 6559.63'

SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

TAMARA K. MOR

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY TKM/PEL DATE 2/96
DRAWN BY BS/PEB DATE 2/96
CHECKED BY TKM DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH
UTILITY PLAN & PROFILE
LOS PRADOS DRIVE STA. 1+00 TO 4+30

B.J.B. 5/29/96

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE MO./DAY/YR. MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET OF
5316.91	B9.B10	28A 33

BHI JOB NO. 95228A2440

DATE: MARCH ,1996

SAS CURVE DATA

NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C3	4+53.02	37°43'1.9"	117.84'	227.11'	345.00'
C4	6+56.20	36°28'35.2"	90.62'	175.07'	275.00'

WATERLINE CURVE DATA

NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C5	4+41.55	43°28'35.9"	141.55'	269.38'	355.00'
C6	6+52.91	36°28'35.2"	87.32'	168.71'	265.00'

SAS TANGENT DATA

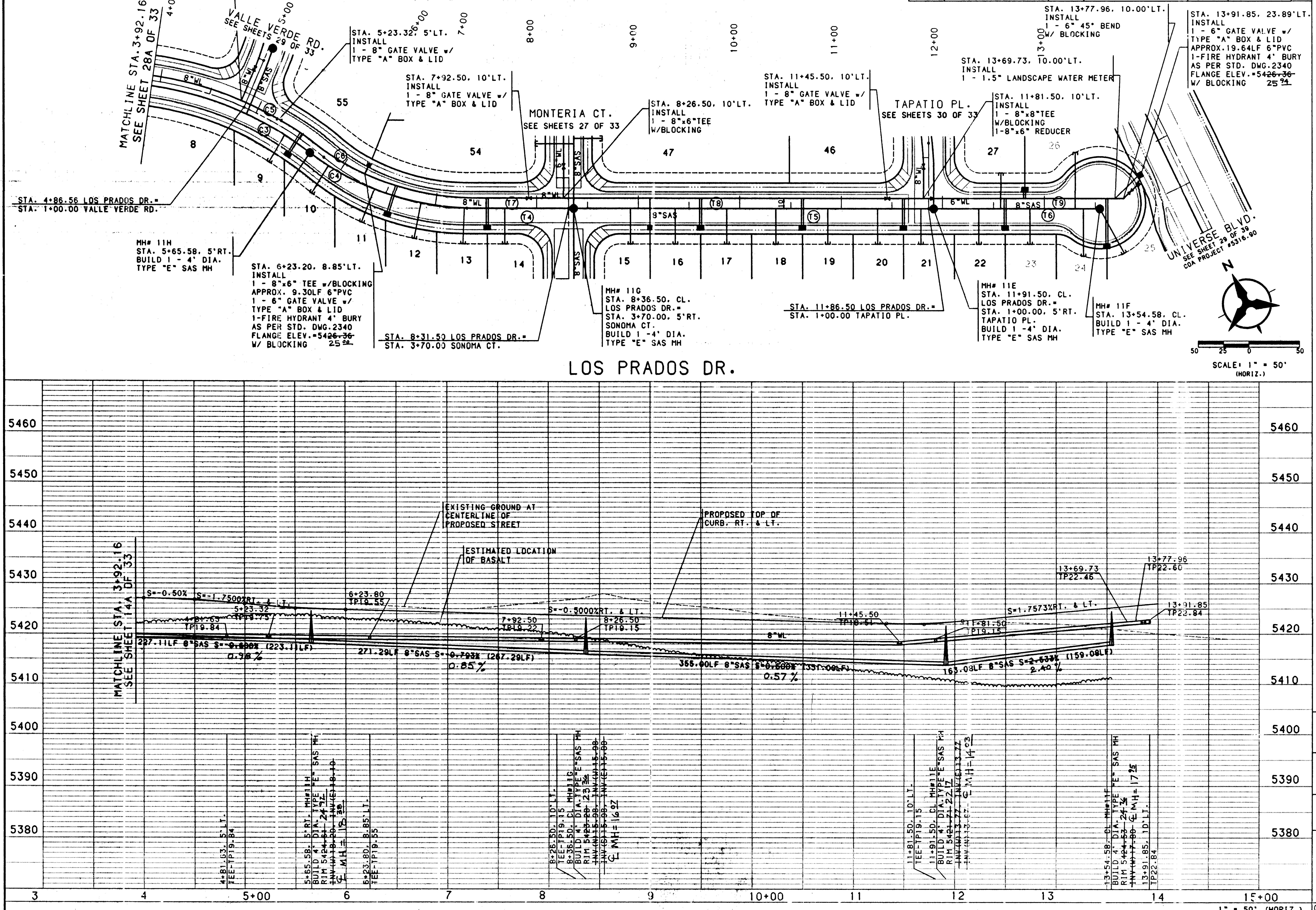
NUMBER	BEARING	DISTANCE
T4	S63°37'21"E	96.21'
T5	S63°37'21"E	355.00'
T6	S63°37'21"E	163.08'

WATERLINE TANGENT DATA

NUMBER	BEARING	DISTANCE
T7	S63°37'21"E	86.21'
T8	S63°37'21"E	355.00'
T9	S63°37'21"E	196.46'

WATER & SANITARY SEWER SERVICES

LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG	
9	5+47.94, 5'LT.	DOUBLE	5+35.17, 5'RT.	30.00'	~~20.30~~	20^{5}
10			5+87.74, 5'RT.	31.43'	~~19.90~~	20^{0}
11	6+57.26, 10.28'LT.	DOUBLE	6+38.36, .41'RT.	34.62'	~~19.56~~	19^{4}
12			6+85.81, .75'RT.	35.75'	~~19.20~~	19^{0}
13	~~7+51.50, 10'LT.~~	DOUBLE	7+28.96, .22'LT.	35.23'	~~18.85~~	18^{9}
14			7+68.66, CL.	35.00'	~~18.53~~	18^{7}
15	9+11.50, 10'LT.	SINGLE	8+92.31, CL.	35.00'	~~17.59~~	17^{6}
16	9+61.50, 10'LT.	DOUBLE	9+36.56, CL.	35.00'	~~17.32~~	17^{2}
17			9+87.29, CL.	35.00'	~~17.02~~	16^{9}
18	10+61.50, 10'LT.	DOUBLE	10+35.21, CL.	35.00'	~~16.73~~	16^{6}
19			10+86.59, CL.	35.00'	~~16.42~~	16^{4}
20	11+61.50, 10'LT.	DOUBLE	11+35.80, CL.	35.00'	~~16.12~~	15^{9}
21			11+78.83, CL.	35.00'	~~15.86~~	15^{7}
22	12+61.50, 10'LT.	DOUBLE	12+35.53, CL.	35.00'	~~16.86~~	16^{9}
23			12+85.83, CL.	35.00'	~~18.14~~	18^{3}
24	13+61.50, 10'LT.	DOUBLE	13+38.36, CL.	46.92'	~~19.71~~	19^{6}
25			13+24.58, CL. MH	50.00'	~~20.13~~	20^{0}
26	12+80.67, 10'LT.	DOUBLE	13+30.30, CL.	54.97'	~~19.66~~	19^{5}
27			12+56.99, CL.	35.00'	~~17.41~~	17^{4}


STA. 4+81.63, 5'LT.
INSTALL
1 - 8"x8"TEE
W/BLOCKING
MATCHLINE STA. 3+92.16
SEE SHEET 28A OF 33
4+00
5+00
6+00
7+00
8+00
9+00
10+00
11+00
12+00
13+00
VALLE VERDE RD.
SEE SHEETS 29 OF 33
8"WL
8"SAS
C3
C4
C5
C6
T4
T5
T6
T7
T8
T9
STA. 5+23.32, 5'LT.
INSTALL
1 - 8" GATE VALVE w/
TYPE "A" BOX & LID
STA. 7+92.50, 10'LT.
INSTALL
1 - 8" GATE VALVE w/
TYPE "A" BOX & LID
MONTERIA CT.
SEE SHEETS 27 OF 33
STA. 8+26.50, 10'LT.
INSTALL
1 - 8"x6"TEE
W/BLOCKING
STA. 11+45.50, 10'LT.
INSTALL
1 - 8" GATE VALVE w/
TYPE "A" BOX & LID
TAPATIO PL.
SEE SHEETS 30 OF 33
STA. 13+69.73, 10.00'LT.
INSTALL
1 - 1.5" LANDSCAPE WATER METER
STA. 11+81.50, 10'LT.
INSTALL
1 - 8"x8"TEE
W/BLOCKING
1-8"x6" REDUCER
STA. 13+77.96, 10.00'LT.
INSTALL
1 - 6" 45° BEND
W/ BLOCKING
STA. 13+91.85, 23.89'LT.
INSTALL
1 - 6" GATE VALVE w/
TYPE "A" BOX & LID
APPROX. 19.64LF 6"PVC
1-FIRE HYDRANT 4' BURY
AS PER STD. DWG. 2340
FLANGE ELEV. = 54~~26.36~~ 25^{94}
W/ BLOCKING
55
54
47
46
27
26
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
6"WL
STA. 4+86.56 LOS PRADOS DR. =
STA. 1+00.00 VALLE VERDE RD.
MH# 11H
STA. 5+65.58, 5'RT.
BUILD 1 - 4' DIA.
TYPE "E" SAS MH
STA. 6+23.20, 8.85'LT.
INSTALL
1 - 8"x6" TEE w/BLOCKING
APPROX. 9.30LF 6"PVC
1 - 6" GATE VALVE w/
TYPE "A" BOX & LID
1-FIRE HYDRANT 4' BURY
AS PER STD. DWG. 2340
FLANGE ELEV. = 54~~26.36~~ 25^{00}
W/ BLOCKING
STA. 8+31.50 LOS PRADOS DR. =
STA. 3+70.00 SONOMA CT.
MH# 11G
STA. 8+36.50, CL.
LOS PRADOS DR. =
STA. 3+70.00, 5'RT.
SONOMA CT.
BUILD 1 - 4' DIA.
TYPE "E" SAS MH
STA. 11+86.50 LOS PRADOS DR. =
STA. 1+00.00 TAPATIO PL.
MH# 11E
STA. 11+91.50, CL.
LOS PRADOS DR. =
STA. 1+00.00, 5'RT.
TAPATIO PL.
BUILD 1 - 4' DIA.
TYPE "E" SAS MH
MH# 11F
STA. 13+54.58, CL.
BUILD 1 - 4' DIA.
TYPE "E" SAS MH
UNIVERSE BLVD.
SEE SHEET 29 OF 39
COA PROJECT #5316.90
N
50 25 0 50
SCALE: 1" = 50'
(HORIZ.)
LOS PRADOS DR.
5460
5450
5440
5430
5420
5410
5400
5390
5380
MATCHLINE STA. 3+92.16
SEE SHEET 14A OF 33
EXISTING GROUND AT
CENTERLINE OF
PROPOSED STREET
ESTIMATED LOCATION
OF BASALT
PROPOSED TOP OF
CURB, RT. & LT.
S=-0.50%
S=-1.7500%RT. & LT.
4+81.63
TP19.84
5+23.32
TP19.75
6+23.80
TP19.55
7+92.50
TP18.22
S=-0.5000%RT. & LT.
8+26.50
TP19.15
11+45.50
TP18.61
11+81.50
TP19.15
S=1.7573%RT. & LT.
13+69.73
TP22.46
13+77.96
TP22.60
13+91.85
TP22.84
8"WL
227.11LF 8"SAS S=~~0.800%~~ (223.11LF)
0.98%
271.29LF 8"SAS S=~~0.793%~~ (267.29LF)
0.85%
355.00LF 8"SAS S=~~0.600%~~ (331.00LF)
0.57%
163.08LF 8"SAS S=~~2.633%~~ (159.08LF)
2.40%
4+81.63, 5'LT.
TEE-TP19.84
5+65.58, 5'RT. MH#11H
BUILD 4' DIA. TYPE "E" SAS MH
RIM 54~~24.61~~ 24^{72}
~~INV(W)18.20, INV(E)18.10~~
℄ MH = 18^{38}
6+23.80, 8.85'LT.
TEE-TP19.55
8+26.50, 10'LT.
TEE-TP19.15
8+36.50, CL MH#11G
BUILD 4' DIA. TYPE "E" SAS MH
RIM 54~~23.20~~ 23^{36}
~~INV(N)15.98, INV(W)15.98~~
~~INV(E)15.98, INV(E)15.88~~
℄ MH = 16^{07}
11+81.50, 10'LT.
TEE-TP19.15
11+91.50, CL MH#11E
BUILD 4' DIA. TYPE "E" SAS MH
RIM 54~~21.71~~ 22^{17}
~~INV(W)13.77, INV(E)13.77~~
~~INV(N)13.67~~
℄ MH = 14^{03}
13+54.58, CL MH#11F
BUILD 4' DIA. TYPE "E" SAS MH
RIM 54~~24.53~~ 24^{76}
~~INV(W)17.80~~ ℄ MH = 17^{25}
13+91.85, 10'LT.
TP22.84
3
4
5+00
6
7
8
9
10+00
11
12
13
14
15+00

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

CDPS:[C9525201.TRACT4-7.PNP]PRADOS-PNP.GRF

NOTES

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2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

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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 AND 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. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

1 2 3 4 5 6 7 8 9 10 11 12 13
26-5316.9128B9/7

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen
David C. Clausen N.M.L.S. # 6547

DAVID C. CLAUSEN
NEW MEXICO
6547

AS-BUILT INFORMATION

CONTRACTOR	Spalling Const.	
WORK STAKED BY	Spalling Const.	
INSPECTOR'S ACCEPTANCE BY	C.O.A.	DATE 12/96
FIELD VERIFICATION BY	Spalling	DATE 12/96
DRAWINGS CORRECTED BY	Spalling	DATE 12/96

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X = 357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

TAMARA K. MO[illegible]
NEW MEXICO

REVISIONS

NO.	DATE	REMARKS	BY

DESIGN		
DESIGNED BY	PLL/TKM	DATE 2/96
DRAWN BY	BS/PB	DATE 2/96
CHECKED BY	TKM	DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH TRACT 7A
UTILITY PLAN & PROFILE
LOS PRADOS DR.

B.J.B.
5/29/96

CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	28B	33

BHI JOB NO. 95228A2440

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DATE: MARCH, 1996

WATERLINE CURVE DATA

NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C4	1+49.47	6° 2'38.4"	13.99'	27.95'	265.00'
C5	3+07.77	36°24'9.5"	93.71'	181.07'	285.00'
C6	7+05.80	10° 0'19.3"	24.95'	49.77'	285.00'

WATERLINE TANGENT DATA

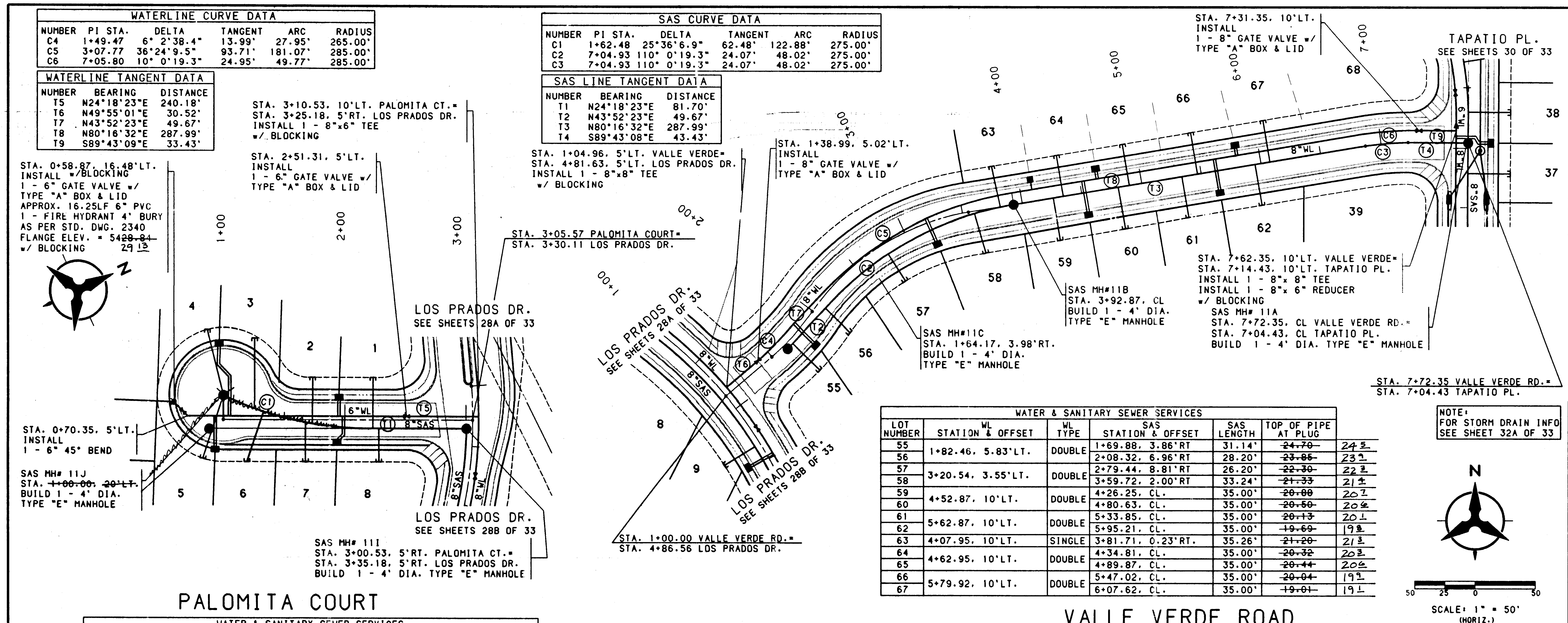
NUMBER	BEARING	DISTANCE
T5	N24°18'23"E	240.18'
T6	N49°55'01"E	30.52'
T7	N43°52'23"E	49.67'
T8	N80°16'32"E	287.99'
T9	S89°43'09"E	33.43'

SAS CURVE DATA

NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	1+62.48	25°36'6.9"	62.48'	122.88'	275.00'
C2	7+04.93	110° 0'19.3"	24.07'	48.02'	275.00'
C3	7+04.93	110° 0'19.3"	24.07'	48.02'	275.00'

SAS LINE TANGENT DATA

NUMBER	BEARING	DISTANCE
T1	N24°18'23"E	81.70'
T2	N43°52'23"E	49.67'
T3	N80°16'32"E	287.99'
T4	S89°43'08"E	43.43'


STA. 0+58.87, 16.48'LT.
INSTALL w/BLOCKING
1 - 6" GATE VALVE w/
TYPE "A" BOX & LID
APPROX. 16.25LF 6" PVC
1 - FIRE HYDRANT 4' BURY
AS PER STD. DWG. 2340
FLANGE ELEV. = 54~~28.84~~ 29.13
w/ BLOCKING
STA. 3+10.53, 10'LT. PALOMITA CT.=
STA. 3+25.18, 5'RT. LOS PRADOS DR.
INSTALL 1 - 8"x6" TEE
w/ BLOCKING
STA. 2+51.31, 5'LT.
INSTALL
1 - 6" GATE VALVE w/
TYPE "A" BOX & LID
STA. 1+04.96, 5'LT. VALLE VERDE=
STA. 4+81.63, 5'LT. LOS PRADOS DR.
INSTALL 1 - 8"x8" TEE
w/ BLOCKING
STA. 1+38.99, 5.02'LT.
INSTALL
1 - 8" GATE VALVE w/
TYPE "A" BOX & LID
STA. 3+05.57 PALOMITA COURT=
STA. 3+30.11 LOS PRADOS DR.
STA. 7+31.35, 10'LT.
INSTALL
1 - 8" GATE VALVE w/
TYPE "A" BOX & LID
TAPATIO PL.
SEE SHEETS 30 OF 33
1+00
2+00
3+00
4+00
5+00
6+00
7+00
N
1
2
3
4
5
6
7
8
9
37
38
39
55
56
57
58
59
60
61
62
63
64
65
66
67
68
C1
C2
C3
C4
C5
C6
T1
T2
T3
T4
T5
T6
T7
T8
T9
6"WL
8"WL
8"SAS
SVS.8
WM.8
WM.9
LOS PRADOS DR.
SEE SHEETS 28A OF 33
LOS PRADOS DR.
SEE SHEETS 28B OF 33
STA. 0+70.35, 5'LT.
INSTALL
1 - 6" 45° BEND
SAS MH# 11J
STA. ~~1+00.00, 20'LT.~~
BUILD 1 - 4' DIA.
TYPE "E" MANHOLE
SAS MH# 11I
STA. 3+00.53, 5'RT. PALOMITA CT.=
STA. 3+35.18, 5'RT. LOS PRADOS DR.
BUILD 1 - 4' DIA. TYPE "E" MANHOLE
STA. 1+00.00 VALLE VERDE RD.=
STA. 4+86.56 LOS PRADOS DR.
SAS MH#11C
STA. 1+64.17, 3.98'RT.
BUILD 1 - 4' DIA.
TYPE "E" MANHOLE
SAS MH#11B
STA. 3+92.87, CL
BUILD 1 - 4' DIA.
TYPE "E" MANHOLE
STA. 7+62.35, 10'LT. VALLE VERDE=
STA. 7+14.43, 10'LT. TAPATIO PL.
INSTALL 1 - 8"x 8" TEE
INSTALL 1 - 8"x 6" REDUCER
w/ BLOCKING
SAS MH# 11A
STA. 7+72.35, CL VALLE VERDE RD.=
STA. 7+04.43, CL TAPATIO PL.
BUILD 1 - 4' DIA. TYPE "E" MANHOLE
STA. 7+72.35 VALLE VERDE RD.=
STA. 7+04.43 TAPATIO PL.
NOTE:
FOR STORM DRAIN INFO
SEE SHEET 32A OF 33
SCALE: 1" = 50'
(HORIZ.)
50 25 0 50

WATER & SANITARY SEWER SERVICES

LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG	
55	1+82.46, 5.83'LT.	DOUBLE	1+69.88, 3.86'RT	31.14'	~~24.70~~	24 5
56			2+08.32, 6.96'RT	28.20'	~~23.85~~	23 9
57	3+20.54, 3.55'LT.	DOUBLE	2+79.44, 8.81'RT	26.20'	~~22.30~~	22 3
58			3+59.72, 2.00'RT	33.24'	~~21.33~~	21 4
59	4+52.87, 10'LT.	DOUBLE	4+26.25, CL.	35.00'	~~20.88~~	20 7
60			4+80.63, CL.	35.00'	~~20.50~~	20 6
61	5+62.87, 10'LT.	DOUBLE	5+33.85, CL.	35.00'	~~20.13~~	20 1
62			5+95.21, CL.	35.00'	~~19.69~~	19 8
63	4+07.95, 10'LT.	SINGLE	3+81.71, 0.23'RT.	35.26'	~~21.20~~	21 3
64	4+62.95, 10'LT.	DOUBLE	4+34.81, CL.	35.00'	~~20.32~~	20 3
65			4+89.87, CL.	35.00'	~~20.44~~	20 6
66	5+79.92, 10'LT.	DOUBLE	5+47.02, CL.	35.00'	~~20.04~~	19 9
67			6+07.62, CL.	35.00'	~~19.01~~	19 1

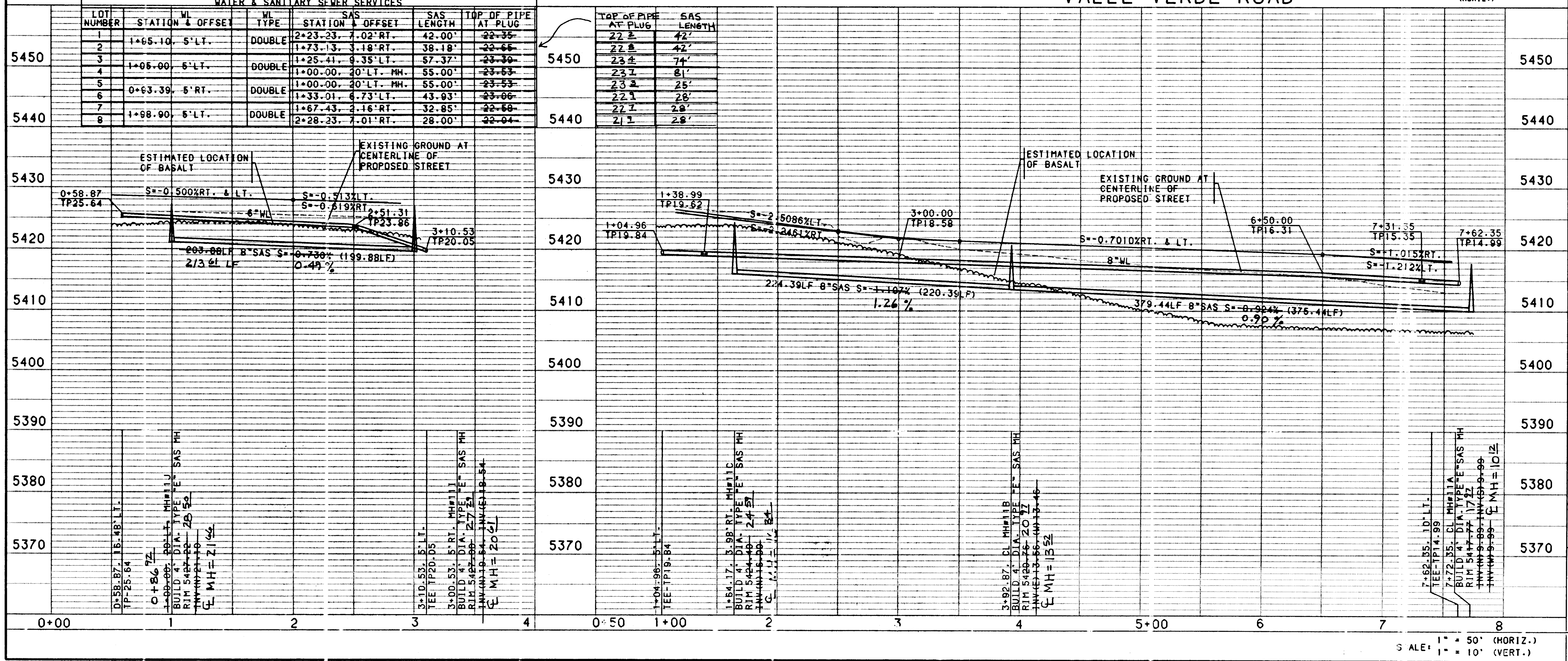
PALOMITA COURT

VALLE VERDE ROAD

WATER & SANITARY SEWER SERVICES

LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG
1	1+65.10, 5'LT.	DOUBLE	2+23.23, 7.02'RT.	42.00'	~~22.35~~
2			1+73.13, 3.18'RT.	38.18'	~~22.65~~
3	1+05.00, 5'LT.	DOUBLE	1+25.41, 9.35'LT.	57.37'	~~23.30~~
4			1+00.00, 20'LT. MH.	55.00'	~~23.53~~
5	0+63.39, 5'RT.	DOUBLE	1+00.00, 20'LT. MH.	55.00'	~~23.53~~
6			1+33.01, 6.73'LT.	43.93'	~~23.06~~
7	1+98.90, 5'LT.	DOUBLE	1+67.43, 2.16'RT.	32.85'	~~22.58~~
8			2+28.23, 7.01'RT.	28.00'	~~22.04~~

TOP OF PIPE AT PLUG	SAS LENGTH
22 2	42'
22 8	42'
23 4	74'
23 1	81'
23 2	25'
22 9	28'
22 1	28'
21 9	28'


5450
5440
5430
5420
5410
5400
5390
5380
5370
ESTIMATED LOCATION
OF BASALT
EXISTING GROUND AT
CENTERLINE OF
PROPOSED STREET
0+58.87
TP25.64
S=-0.500%RT. & LT.
6"WL
S=-0.513%LT.
S=-0.519%RT.
2+51.31
TP23.86
3+10.53
TP20.05
~~203.88LF~~ 8"SAS S=~~0.730%~~ (199.88LF)
213.61 LF
0.49%
0+58.87, 16.48'LT.
TP-25.64
0+86.92
~~1+00.00, 20'LT.~~ MH#11J
BUILD 4' DIA. TYPE "E" SAS MH
RIM 54~~27.22~~ 28.50
~~INV(N)21.10~~
℄ MH=21.46
3+10.53, 5'LT.
TEE TP20.05
3+00.53, 5'RT. MH#11I
BUILD 4' DIA. TYPE "E" SAS MH
RIM 54~~27.00~~ 27.29
~~INV(N)19.54, INV(E)18.54~~
℄ MH=20.61
1+04.96
TP19.84
1+38.99
TP19.62
S=-2.5086%LT.
S=-2.3461%RT.
3+00.00
TP18.58
S=-0.7010%RT. & LT.
8"WL
6+50.00
TP16.31
7+31.35
TP15.35
S=-1.0152%RT.
S=-1.2122%LT.
7+62.35
TP14.99
224.39LF 8"SAS S=~~1.107%~~ (220.39LF)
1.26%
379.44LF 8"SAS S=~~0.924%~~ (376.44LF)
0.90%
1+04.96, 5'LT.
TEE-TP19.84
1+64.17, 3.98'RT. MH#11C
BUILD 4' DIA. TYPE "E" SAS MH
RIM 54~~24.40~~ 24.97
~~INV(N)15.00~~
3+92.87, CL MH#11B
BUILD 4' DIA. TYPE "E" SAS MH
RIM 54~~20.76~~ 20.77
~~INV(E)13.56, (W)13.46~~
℄ MH=13.52
7+62.35, 10'LT.
TEE-TP14.99
7+72.35, CL MH#11A
BUILD 4' DIA. TYPE "E" SAS MH
RIM 54~~17.77~~ 17.72
~~INV(N)9.89, INV(S)9.99~~
~~INV(W)9.99~~
℄ MH=10.12
0+00
1
2
3
4
0+50
1+00
2
3
4
5+00
6
7
8

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

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4"x4"x5' 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 AND 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. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

26-5316.91 2997

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen

David C. Clausen N.M.L.S. # 6547

6547

AS-BUILT INFORMATION	
CONTRACTOR	Sparling Const.
WORK STAKED BY	Sparling Const.
INSPECTOR'S ACCEPTANCE BY	C.O.A. DATE 12/96
FIELD VERIFICATION BY	Sparling DATE 12/96
DRAWINGS CORRECTED BY	Sparling DATE 12/96
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

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

SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

TAMARA K. MO[illegible]

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY	TKM/PLL	DATE 2/96
DRAWN BY	BS/PEB	DATE 2/96
CHECKED BY	TKM	DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH - TRACT 7
UTILITY PLAN & PROFILE
PALOMITA CT. / VALLE VERDE RD.

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
B.J.B. 5/29/96				

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	29	33

BHI JOB NO. 95228A2440

DATE: MARCH, 1996

CDP5:[C9526201.TRACT4-7.PNP]ALO-VERDE-PNP.GRF

SAS CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C2	1+99.88	26°5'48.5"	63.73'	125.26'	275.00'
C3	7+73.63	20°9'35.4"	48.89'	96.76'	275.00'

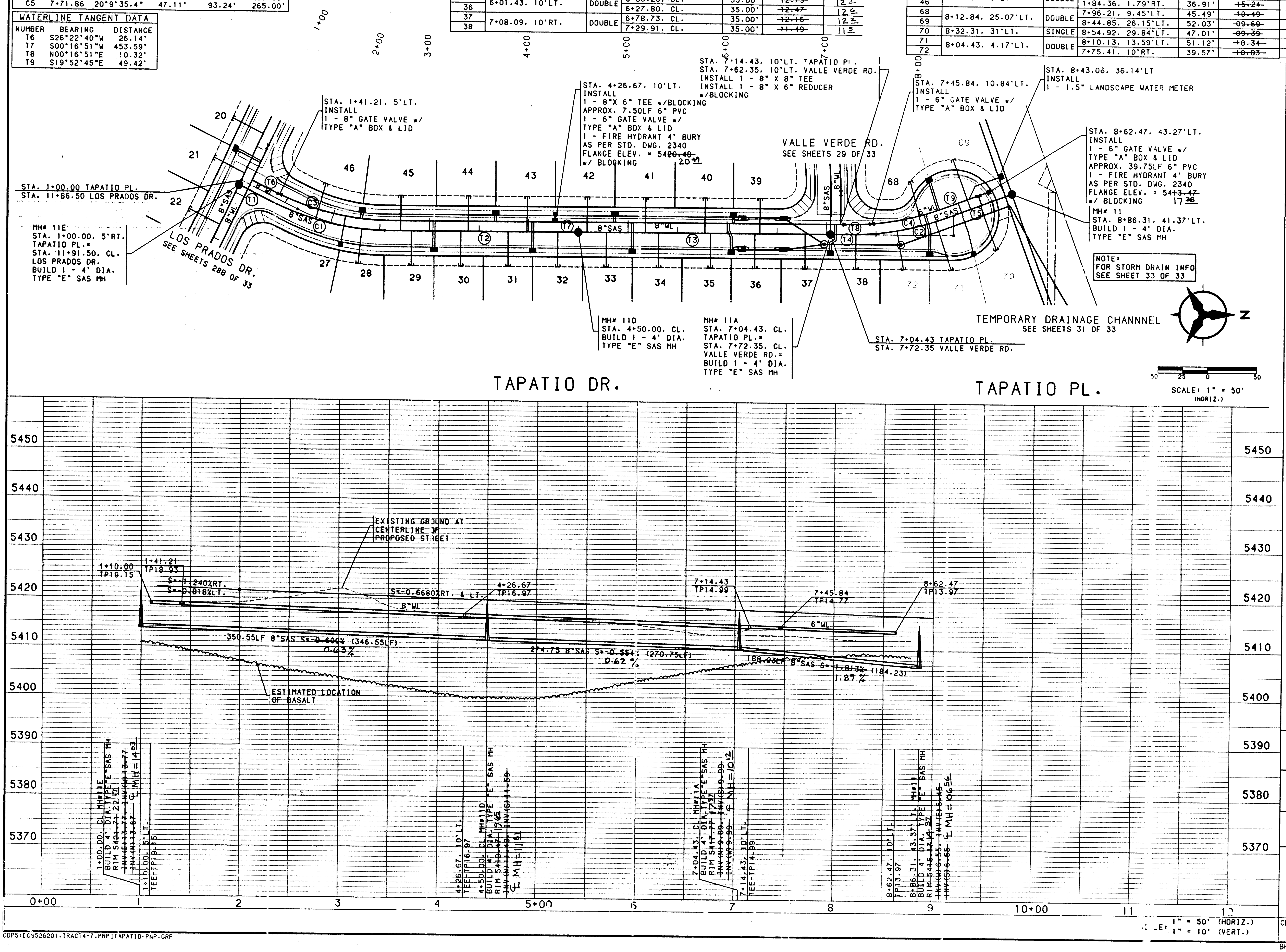
WATERLINE CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C4	1+97.56	26°5'48.5"	61.42'	120.70'	265.00'
C5	7+71.86	20°9'35.4"	47.11'	93.24'	265.00'

WATERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T6	S26°22'40"W	26.14'
T7	S00°16'51"W	453.59'
T8	N00°16'51"E	10.32'
T9	S19°52'45"E	49.42'

SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N26°22'39"W	36.14'
T2	N00°16'51"W	189.16'
T3	N00°16'51"W	254.43'
T4	N00°16'51"E	20.32'
T5	N19°52'45"E	71.15'

WATER & SANITARY SEWER SERVICES						
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG	
28	2+13.13, 9.8'LT.	SINGLE	2+32.15, 0.21'LT.	35.21'	~~14.92~~	15^{1}
29	3+04.43, 10'LT.	DOUBLE	2+81.69, CL.	35.00'	~~14.62~~	14^{5}
30			3+31.52, CL.	35.00'	~~14.32~~	14^{5}
31	4+04.43, 10'LT.	DOUBLE	3+79.59, CL.	35.00'	~~14.03~~	13^{9}
32			4+29.41, CL.	35.00'	~~13.73~~	13^{8}
33	5+04.43, 10'LT.	DOUBLE	4+78.35, CL.	35.00'	~~13.36~~	13^{2}
34			5+30.79, CL.	35.00'	~~13.05~~	13^{1}
35	6+01.43, 10'LT.	DOUBLE	5+83.23, CL.	35.00'	~~12.73~~	12^{7}
36			6+27.80, CL.	35.00'	~~12.47~~	12^{6}
37	7+08.09, 10'RT.	DOUBLE	6+78.73, CL.	35.00'	~~12.16~~	12^{2}
38			7+29.91, CL.	35.00'	~~11.49~~	11^{5}

WATER & SANITARY SEWER SERVICES						
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG	
39	6+06.21, 10'LT.	DOUBLE	6+32.80, CL.	35.00'	~~12.44~~	12^{6}
40			5+77.63, CL.	35.00'	~~12.77~~	12^{8}
41	4+86.67, 10'LT.	DOUBLE	5+17.32, CL.	35.00'	~~13.13~~	13^{0}
42			4+58.77, CL.	35.00'	~~13.48~~	13^{7}
43	3+66.67, 10'LT.	DOUBLE	3+98.47, CL.	35.00'	~~13.92~~	14^{1}
44			3+39.03, CL.	35.00'	~~14.27~~	14^{3}
45	2+30.0, 10'LT.	DOUBLE	2+70.85, CL.	35.00'	~~14.68~~	14^{4}
46			1+84.36, 1.79'RT.	36.91'	~~15.24~~	15^{2}
68	8+12.84, 25.07'LT.	DOUBLE	7+96.21, 9.45'LT.	45.49'	~~10.49~~	10^{5}
69			8+44.85, 26.15'LT.	52.03'	~~09.69~~	9^{5}
70	8+32.31, 31'LT.	SINGLE	8+54.92, 29.84'LT.	47.01'	~~09.39~~	9^{2}
71	8+04.43, 4.17'LT.	DOUBLE	8+10.13, 13.59'LT.	51.12'	~~10.34~~	10^{4}
72			7+75.41, 10'RT.	39.57'	~~10.83~~	10^{8}



1+00
2+00
3+00
4+00
5+00
6+00
7+00
8+00
STA. 1+41.21, 5'LT.
INSTALL
1 - 8" GATE VALVE w/
TYPE "A" BOX & LID
STA. 4+26.67, 10'LT.
INSTALL
1 - 8"X 6" TEE w/BLOCKING
APPROX. 7.5OLF 6" PVC
1 - 6" GATE VALVE w/
TYPE "A" BOX & LID
1 - FIRE HYDRANT 4' BURY
AS PER STD. DWG. 2340
FLANGE ELEV. = 54~~20.48~~ 20.42
w/ BLOCKING
STA. 7+14.43, 10'LT. TAPATIO PL.
STA. 7+62.35, 10'LT. VALLE VERDE RD.
INSTALL 1 - 8" X 8" TEE
INSTALL 1 - 8" X 6" REDUCER
w/BLOCKING
STA. 7+45.84, 10.84'LT.
INSTALL
1 - 6" GATE VALVE w/
TYPE "A" BOX & LID
STA. 8+43.06, 36.14'LT
INSTALL
1 - 1.5" LANDSCAPE WATER METER
STA. 8+62.47, 43.27'LT.
INSTALL
1 - 6" GATE VALVE w/
TYPE "A" BOX & LID
APPROX. 39.75LF 6" PVC
1 - FIRE HYDRANT 4' BURY
AS PER STD. DWG. 2340
FLANGE ELEV. = 54~~13.47~~ 17.38
w/ BLOCKING
MH# 11
STA. 8+86.31, 41.37'LT.
BUILD 1 - 4' DIA.
TYPE "E" SAS MH
VALLE VERDE RD.
SEE SHEETS 29 OF 33
NOTE:
FOR STORM DRAIN INFO
SEE SHEET 33 OF 33
STA. 1+00.00 TAPATIO PL.
STA. 11+86.50 LOS PRADOS DR.
MH# 11E
STA. 1+00.00, 5'RT.
TAPATIO PL.=
STA. 11+91.50, CL.
LOS PRADOS DR.
BUILD 1 - 4' DIA.
TYPE "E" SAS MH
LOS PRADOS DR.
SEE SHEETS 28B OF 33
20
21
22
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
68
69
70
71
72
8"SAS
8"WL
6"WL
6"SAS
T1
T3
T4
T5
T8
T9
C1
C2
C3
C4
12
13
16
17
MH# 11D
STA. 4+50.00, CL.
BUILD 1 - 4' DIA.
TYPE "E" SAS MH
MH# 11A
STA. 7+04.43, CL.
TAPATIO PL.=
STA. 7+72.35, CL.
VALLE VERDE RD.=
BUILD 1 - 4' DIA.
TYPE "E" SAS MH
STA. 7+04.43 TAPATIO PL.
STA. 7+72.35 VALLE VERDE RD.
TEMPORARY DRAINAGE CHANNNEL
SEE SHEETS 31 OF 33
N
50 25 0 50
SCALE: 1" = 50'
(HORIZ.)
TAPATIO DR.
TAPATIO PL.
5450
5440
5430
5420
5410
5400
5390
5380
5370
EXISTING GROUND AT
CENTERLINE OF
PROPOSED STREET
1+10.00
TP19.15
1+41.21
TP18.93
S=-1.240%RT.
S=-0.818%LT.
S=-0.668%RT. & LT.
4+26.67
TP16.97
7+14.43
TP14.99
7+45.84
TP14.77
8+62.47
TP13.97
8"WL
6"WL
350.55LF 8"SAS S=~~-0.600%~~ (346.55LF)
0.63%
274.75 8"SAS S=~~-0.554%~~ (270.75LF)
0.62%
188.23LF 8"SAS S=~~-1.813%~~ (184.23)
1.87%
ESTIMATED LOCATION
OF BASALT
1+00.00, CL MH#11E
BUILD 4' DIA.TYPE "E" SAS MH
RIM 54~~21.71~~ 22.14
~~INV (E) 13.77~~
~~INV (N) 13.77~~
~~INV (N) 13.67~~
⊈ MH=14.02
1+10.00, 5'LT.
TEE-TP19.15
4+26.67, 10'LT.
TEE-TP16.97
4+50.00, CL MH#11D
BUILD 4' DIA.TYPE "E" SAS MH
RIM 54~~19.47~~ 19.65
~~INV (N) 11.49~~
~~INV (S) 11.59~~
⊈ MH=11.81
7+04.43, CL MH#11A
BUILD 4' DIA.TYPE "E" SAS MH
~~INV (E) 9.89~~
~~INV (N) 9.89~~
~~INV (S) 9.99~~
⊈ MH=10.12
7+14.43, 10'LT.
TEE-TP14.99
8+62.47, 10'LT.
TP13.97
8+86.31, 43.37'LT. MH#11
BUILD 4' DIA.TYPE "E" SAS MH
RIM 54~~15.17~~ 14.87
~~INV (W) 6.55~~
~~INV (S) 6.65~~
⊈ MH=06.96
0+00
1
2
3
4
5+00
6
7
8
9
10+00
11
12

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

CDPS:EC9526201.TRACT4-7.PNPJTAPATIO-PNP.GRF

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4"x4"x5' 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 AND 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. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

26-5316.91 3097

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen
David C. Clausen N.M.L.S. # 6547

6547

26-5316.91 3177

AS-BUILT INFORMATION
CONTRACTOR SPARLING CONST.
WORK STAKED BY SPARLING CONST.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY SPARLING DATE 12/96
DRAWINGS CORRECTED BY SPARLING DATE 12/96

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X =357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996540
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

TAMARA K. MORGAN 10005

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED BY	TKM/PLL	DATE 2/96	
DRAWN BY	BS/PEB	DATE 2/96	
CHECKED BY	TKM	DATE 2/96	

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

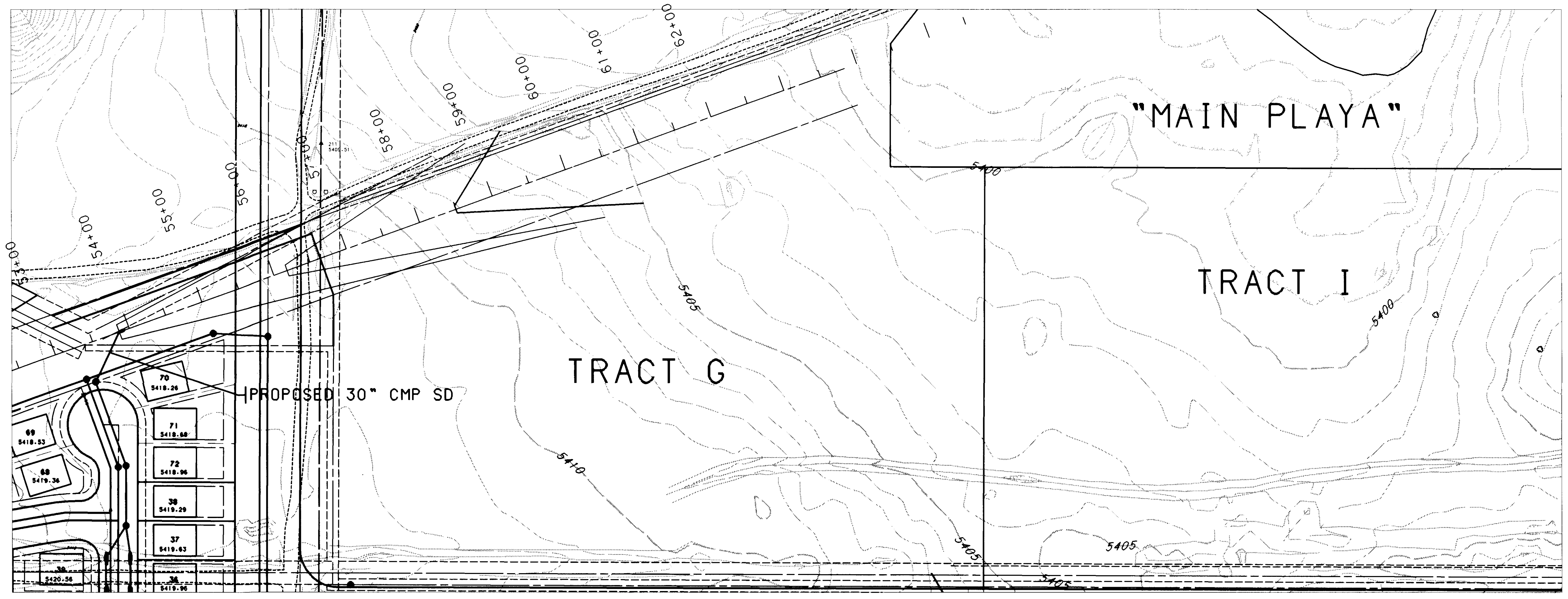
VENTANA RANCH TRACT 7A
UTILITY PLAN & PROFILE
TAPATIO PLACE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
B.J.B. 5/29/96				

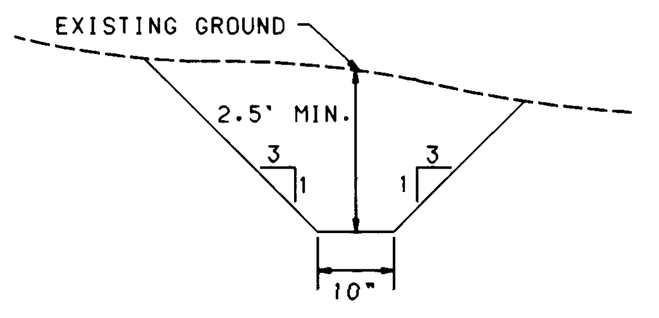
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	30	33

BHI JOB NO. 95228A2440

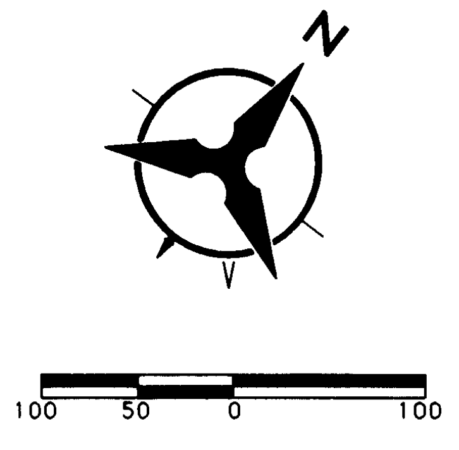
COPYRIGHT BOHANNAN-HUSTON, INC. 1996
DATE: MARCH, 1996



TEMPORARY DRAINAGE CHANNEL



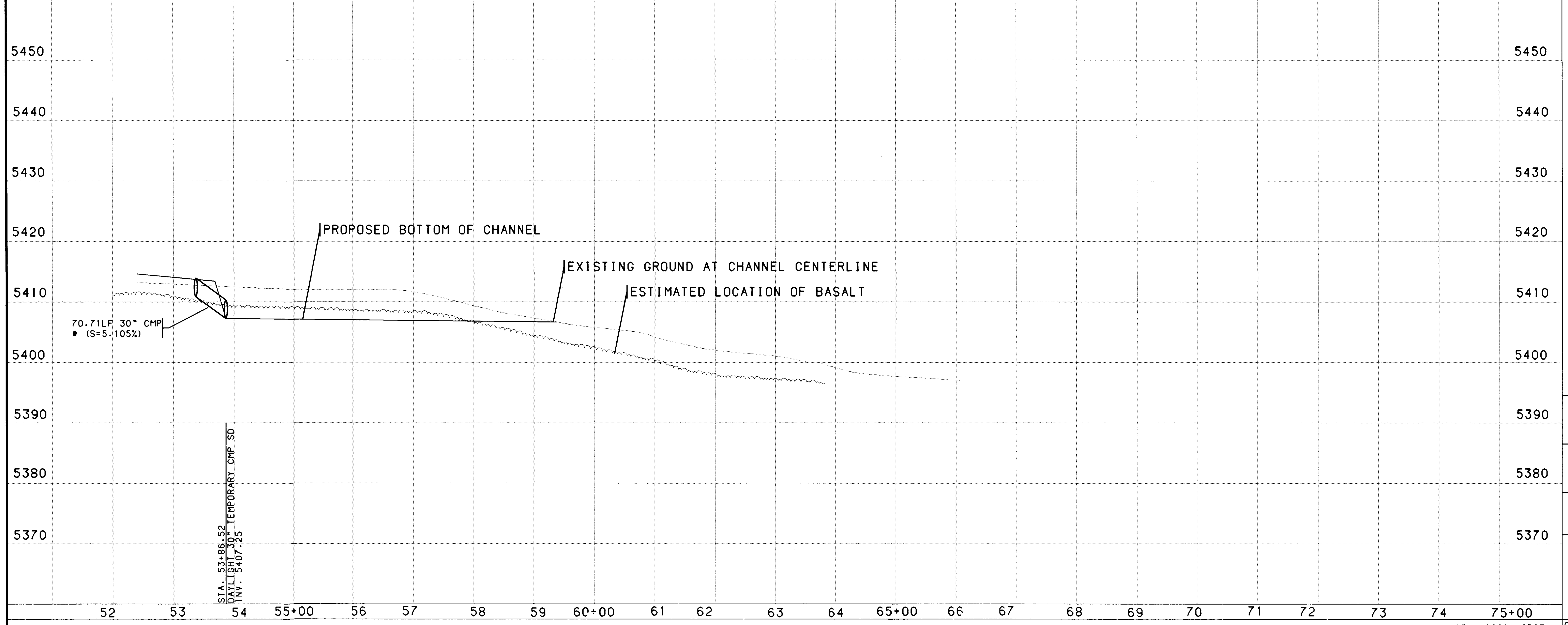
CHANNEL CROSS-SECTION
NO SCALE



SCALE: 1" = 100'
(HORIZ.)

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 PREPARED BY GEO-TEST, INC. DATED OCT. 13, 1994 AND APRIL 13, 1994.
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 APROVALS.
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 DETAIL THIS SHEET AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
5. ALL SPOT ELEVATIONS ARE TO TOP OF CURB UNLESS OTHERWISE NOTED. VALLEY GUTTER ELEVATIONS ARE SHOWN AT PROJECTED TOP OF CURB ELEVATION.
6. BOULDERS, GREATER THAN 3 FEET IN DIAMETER, EXCAVATED DURING GRADING ACTIVITIES SHALL BE STOCKPILED AND DISPOSED OF AT THE DISCRETION OF THE OWNER.



SCALE: 1" = 100' (HORIZ.)
1" = 10' (VERT.)

AS-BUILT INFORMATION

CONTRACTOR	STALLING CONST.	
WORK STAKED BY	SPALLING CONST.	
INSPECTOR'S ACCEPTANCE BY	C.O.A.	DATE 12/96
FIELD VERIFICATION BY	SPALLING	DATE 12/96
DRAWINGS CORRECTED BY	SPALLING	DATE 12/96

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X =357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
Δα= -00°16'30"
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

3/25/96

2 6 - 5 3 1 6 . 9 1 3 1 9 7

REVISIONS

NO.	DATE	REMARKS	BY

DESIGN		
DESIGNED BY	TKM/PLL	DATE 2/96
DRAWN BY	BS	DATE 2/96
CHECKED BY	TKM	DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH T4A & T7A
PLAN & PROFILE
TEMPORARY DRAINAGE CHANNEL

B.J.B. 5/29/96

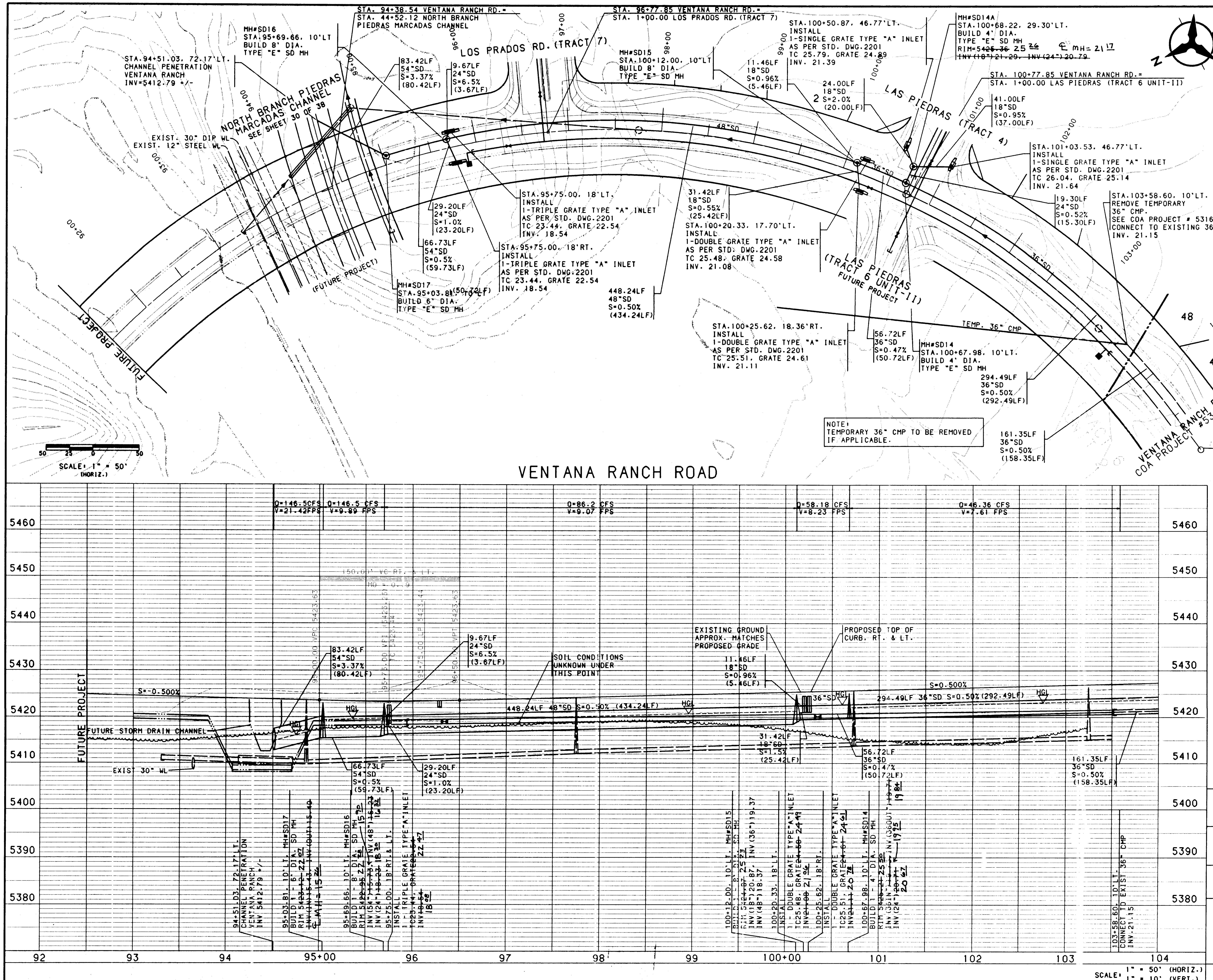
CITY ENGINEER APPROVAL		MO./DAY/YR.	MO./DAY/YR.
	LAST DESIGN UPDATE		

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	31	33

BHI JOB NO. 95228A2440

DATE: MARCH, 1996

USERNAME: CDPS:[C9526201.T4-7.PNP]
FILENAME: TEMP-CHAN.GRF


STA. 94+38.54 VENTANA RANCH RD.=
STA. 44+52.12 NORTH BRANCH PIEDRAS MARCADAS CHANNEL
STA. 96+77.85 VENTANA RANCH RD.=
STA. 1+00.00 LOS PRADOS RD. (TRACT 7)
LOS PRADOS RD. (TRACT 7)
MH#SD16
STA.95+69.66, 10'LT
BUILD 8' DIA.
TYPE "E" SD MH
STA.94+51.03, 72.17'LT.
CHANNEL PENETRATION
VENTANA RANCH
INV=5412.79 +/-
83.42LF
54"SD
S=3.37%
(80.42LF)
9.67LF
24"SD
S=6.5%
(3.67LF)
MH#SD15
STA.100+12.00, 10"LT
BUILD 8' DIA.
TYPE "E" SD MH
STA.100+50.87, 46.77'LT.
INSTALL
1-SINGLE GRATE TYPE "A" INLET
AS PER STD. DWG.2201
TC 25.79, GRATE 24.89
INV. 21.39
11.46LF
18"SD
S=0.96%
(5.46LF)
24.00LF
18"SD
2 S=2.0%
(20.00LF)
MH#SD14A
STA.100+68.22, 29.30'LT.
BUILD 4' DIA.
TYPE "E" SD MH
RIM=5425.36 25.26 ℄ MH=21.17
INV (18")21.29, INV (24")20.79
STA. 100+77.85 VENTANA RANCH RD.=
STA. 1+00.00 LAS PIEDRAS (TRACT 6 UNIT-II)
LAS PIEDRAS (TRACT 4)
41.00LF
18"SD
S=0.95%
(37.00LF)
NORTH BRANCH PIEDRAS MARCADAS CHANNEL
SEE SHEET 30 OF 38
EXIST. 30" DIP WL
EXIST. 12" STEEL WL
48"SD
36"SD
STA.101+03.53, 46.77'LT.
INSTALL
1-SINGLE GRATE TYPE "A" INLET
AS PER STD. DWG.2201
TC 26.04, GRATE 25.14
INV. 21.64
29.20LF
24"SD
S=1.0%
(23.20LF)
STA.95+75.00, 18'LT.
INSTALL
1-TRIPLE GRATE TYPE "A" INLET
AS PER STD. DWG.2201
TC 23.44, GRATE 22.54
INV. 18.54
31.42LF
18"SD
S=0.55%
(25.42LF)
STA.100+20.33, 17.70'LT.
INSTALL
1-DOUBLE GRATE TYPE "A" INLET
AS PER STD. DWG.2201
TC 25.48, GRATE 24.58
INV. 21.08
19.30LF
24"SD
S=0.52%
(15.30LF)
STA.103+58.60, 10'LT.
REMOVE TEMPORARY
36" CMP.
SEE COA PROJECT # 5316.90
CONNECT TO EXISTING 36" SD
INV. 21.15
66.73LF
54"SD
S=0.5%
(59.73LF)
STA.95+75.00, 18'RT.
INSTALL
1-TRIPLE GRATE TYPE "A" INLET
AS PER STD. DWG.2201
TC 23.44, GRATE 22.54
INV. 18.54
MH#SD17
STA.95+03.81, 10'LT
BUILD 6' DIA.
TYPE "E" SD MH
(50.72LF)
448.24LF
48"SD
S=0.50%
(434.24LF)
LAS PIEDRAS (TRACT 6 UNIT-II)
FUTURE PROJECT
(FUTURE PROJECT)
FUTURE PROJECT
STA.100+25.62, 18.36'RT.
INSTALL
1-DOUBLE GRATE TYPE "A" INLET
AS PER STD. DWG.2201
TC 25.51, GRATE 24.61
INV. 21.11
56.72LF
36"SD
S=0.47%
(50.72LF)
MH#SD14
STA.100+67.98, 10'LT.
BUILD 4' DIA.
TYPE "E" SD MH
TEMP. 36" CMP
294.49LF
36"SD
S=0.50%
(292.49LF)
48
49
NOTE:
TEMPORARY 36" CMP TO BE REMOVED
IF APPLICABLE.
161.35LF
36"SD
S=0.50%
(158.35LF)
VENTANA RANCH RD.
COA PROJECT #5316.90
N
92+00
93+00
94+00
95+00
96+00
97+00
98+00
99+00
100+00
101+00
102+00
103+00
104+00
50 25 0 50
SCALE: 1" = 50'
(HORIZ.)
VENTANA RANCH ROAD
Q=146.5CFS
V=21.42FPS
Q=146.5 CFS
V=9.89 FPS
Q=86.2 CFS
V=9.07 FPS
Q=58.18 CFS
V=8.23 FPS
Q=46.36 CFS
V=7.61 FPS
5460
5450
5440
5430
5420
5410
5400
5390
5380
150.00' VC
FUTURE PROJECT
S=-0.500%
FUTURE STORM DRAIN CHANNEL
EXIST 30" WL
HGL
83.42LF
54"SD
S=3.37%
(80.42LF)
9.67LF
24"SD
S=6.5%
(3.67LF)
SOIL CONDITIONS
UNKNOWN UNDER
THIS POINT
448.24LF 48"SD S=0.50% (434.24LF)
EXISTING GROUND
APPROX. MATCHES
PROPOSED GRADE
PROPOSED TOP OF
CURB, RT. & LT.
11.46LF
18"SD
S=0.96%
(5.46LF)
36"SD
S=0.500%
294.49LF 36"SD S=0.50% (292.49LF)
31.42LF
18"SD
S=1.5%
(25.42LF)
56.72LF
36"SD
S=0.47%
(50.72LF)
161.35LF
36"SD
S=0.50%
(158.35LF)
66.73LF
54"SD
S=0.5%
(59.73LF)
29.20LF
24"SD
S=1.0%
(23.20LF)
94+51.03, 72.17'LT.
CHANNEL PENETRATION
VENTANA RANCH
INV 5412.79 +/-
95+03.81, 10'LT. MH#SD17
BUILD 1 - 6' DIA. SD MH
95+69.66, 10'LT. MH#SD16
BUILD 1 - 8' DIA. SD MH
95+75.00, 18'RT. & LT.
INSTALL 1-TRIPLE GRATE TYPE "A" INLET
100+12.00, 10'LT. MH#SD15
100+20.33, 18'LT.
INSTALL 1 - DOUBLE GRATE TYPE "A" INLET
100+25.62, 18'RT.
INSTALL 1 - DOUBLE GRATE TYPE "A" INLET
100+67.98, 10'LT. MH#SD14
BUILD 1 - 4' DIA. SD MH
103+58.60, 10'LT.
CONNECT EXIST 36" CMP
INV. 21.15
92
93
94
95+00
96
97
98
99
100+00
101
102
103
104

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4"x4"x5' 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 AND 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. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

13. APPROX. 100' OF THE 12" SAS STUB OUT UNDER THE CHANNEL SHALL

BE ENCASED AS PER COA STD. DWG 2140

14. ALL TEMPORARY STRUCTURES ARE TO BE MAINTAINED BY THE OWNER UNTIL PERMANENT IMPROVEMENTS ARE MADE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-5306.9132497

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen

David C. Clausen N.M.L.S. # 6547

DAVID C. CLAUSEN 6547

AS-BUILT INFORMATION

CONTRACTOR Spalling Const.
WORK STAKED BY Spalling Const.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY Spalling DATE 12/96
DRAWINGS CORRECTED BY Spalling DATE 12/96

MICRO-FILM INFORMATION

NO.	RECORDED BY	DATE

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X =357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
Δα= -00°16'30"
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

TAMARA K. MORGAN

NO.	DATE	REMARKS	BY
		~~REVISIONS~~ DESIGN	

DESIGNED BY	TKM/PLL	DATE 2/96
DRAWN BY	BS/PEB	DATE 2/96
CHECKED BY	TKM	DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH TRACT 4A & 7A
STORM DRAIN PLAN & PROFILE
VENTANA RANCH ROAD STA. 91+50.00 - 104+56.29

B.J.B. 5/29/96

CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

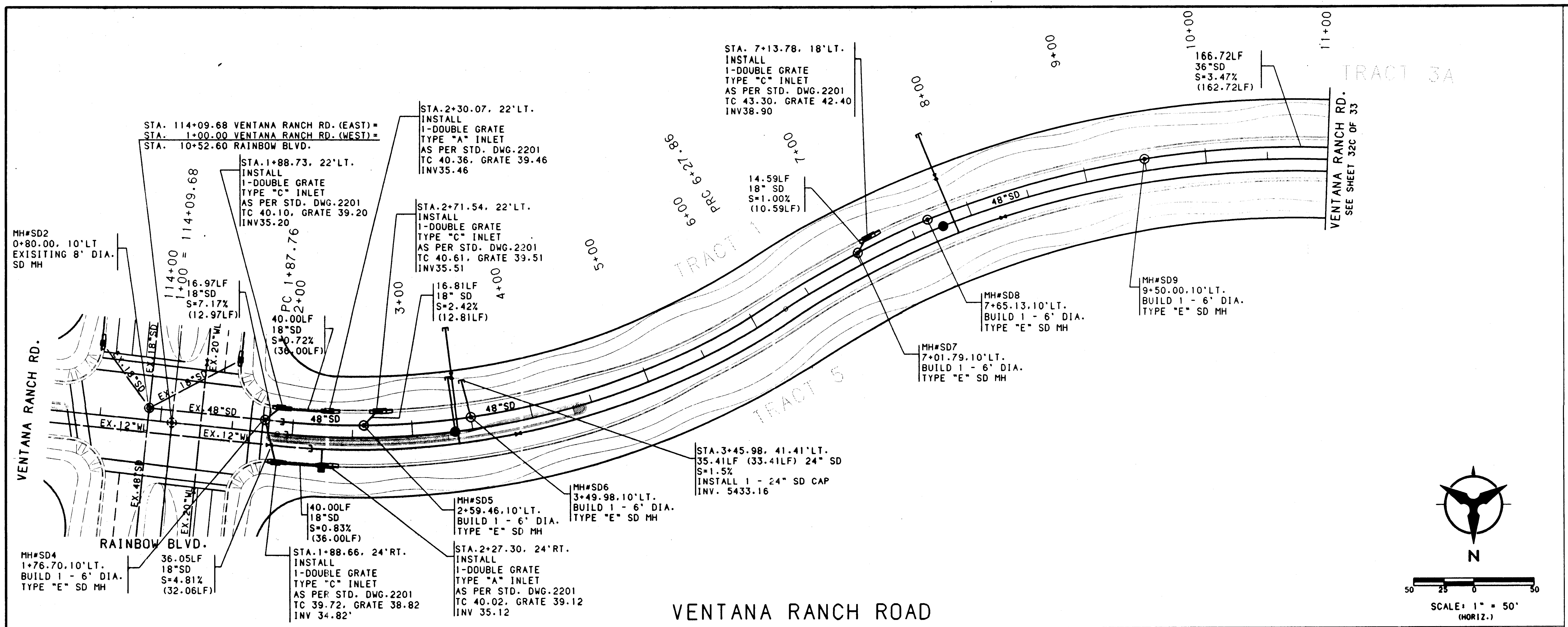
SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

DRAWING NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	32A	33

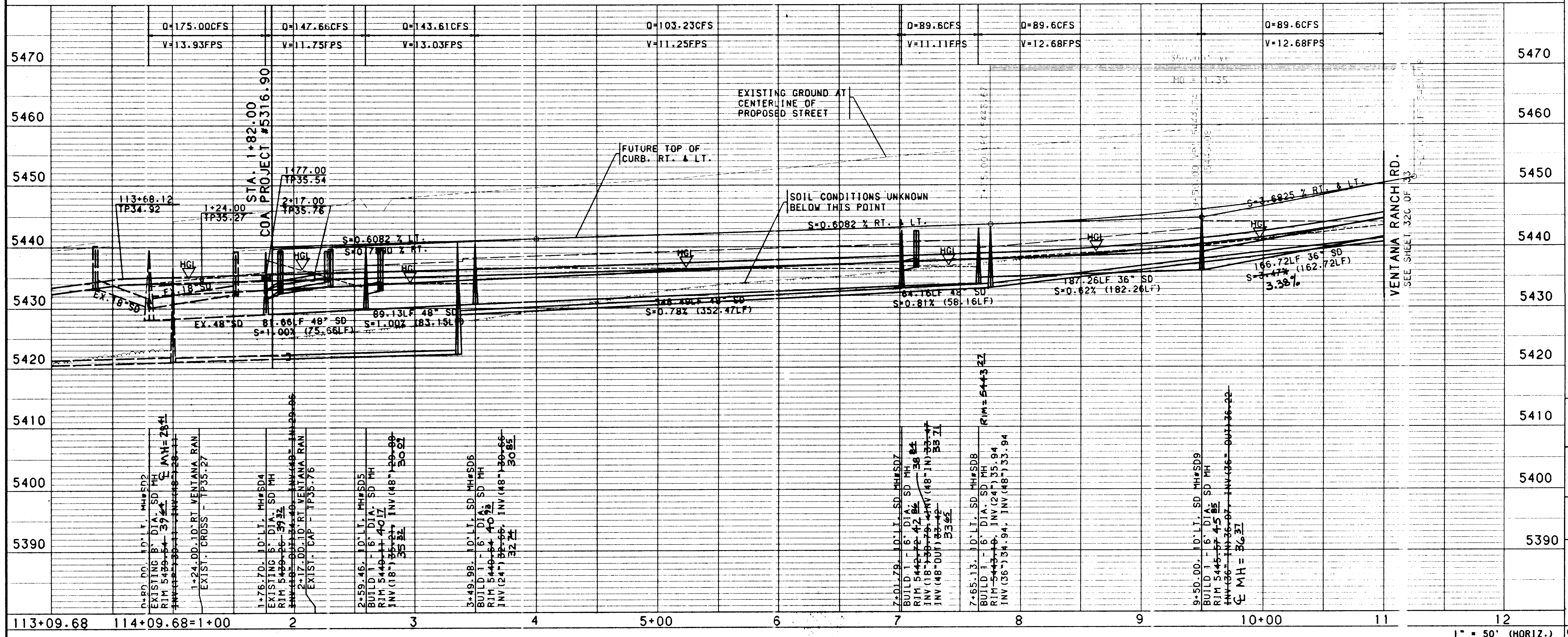
USERNAME: CDP5:[C9526201.TRACT2-6.PNP]VENTANA2-PNP.GR

BHI JOB NO. 95228A2440

DATE: MARCH, 1996


STA. 114+09.68 VENTANA RANCH RD. (EAST) =
STA. 1+00.00 VENTANA RANCH RD. (WEST) =
STA. 10+52.60 RAINBOW BLVD.
MH#SD2
0+80.00, 10'LT
EXISITING 8' DIA.
SD MH
114+00
1+00 = 114+09.68
16.97LF
18"SD
S=7.17%
(12.97LF)
STA.1+88.73, 22'LT.
INSTALL
1-DOUBLE GRATE
TYPE "C" INLET
AS PER STD. DWG.2201
TC 40.10, GRATE 39.20
INV35.20
PC 1+87.76
2+00
40.00LF
18"SD
S=0.72%
(36.00LF)
STA.2+30.07, 22'LT.
INSTALL
1-DOUBLE GRATE
TYPE "A" INLET
AS PER STD. DWG.2201
TC 40.36, GRATE 39.46
INV35.46
STA.2+71.54, 22'LT.
INSTALL
1-DOUBLE GRATE
TYPE "C" INLET
AS PER STD. DWG.2201
TC 40.61, GRATE 39.51
INV35.51
3+00
16.81LF
18" SD
S=2.42%
(12.81LF)
4+00
5+00
6+00
PRC 6+27.86
TRACT 1
TRACT 5
TRACT 3A
STA. 7+13.78, 18'LT.
INSTALL
1-DOUBLE GRATE
TYPE "C" INLET
AS PER STD. DWG.2201
TC 43.30, GRATE 42.40
INV38.90
7+00
14.59LF
18" SD
S=1.00%
(10.59LF)
8+00
9+00
10+00
11+00
166.72LF
36"SD
S=3.47%
(162.72LF)
VENTANA RANCH RD.
SEE SHEET 32C OF 33
VENTANA RANCH RD.
EX.18"SD
EX.18"SD
EX.20"WL
EX.48"SD
EX.12"WL
EX.12"WL
48"SD
48"SD
48"SD
EX.48"SD
EX.20"WL
RAINBOW BLVD.
MH#SD4
1+76.70, 10'LT.
BUILD 1 - 6' DIA.
TYPE "E" SD MH
36.05LF
18"SD
S=4.81%
(32.06LF)
40.00LF
18"SD
S=0.83%
(36.00LF)
STA.1+88.66, 24'RT.
INSTALL
1-DOUBLE GRATE
TYPE "C" INLET
AS PER STD. DWG.2201
TC 39.72, GRATE 38.82
INV 34.82'
MH#SD5
2+59.46, 10'LT.
BUILD 1 - 6' DIA.
TYPE "E" SD MH
STA.2+27.30, 24'RT.
INSTALL
1-DOUBLE GRATE
TYPE "A" INLET
AS PER STD. DWG.2201
TC 40.02, GRATE 39.12
INV 35.12
MH#SD6
3+49.98, 10'LT.
BUILD 1 - 6' DIA.
TYPE "E" SD MH
STA.3+45.98, 41.41'LT.
35.41LF (33.41LF) 24" SD
S=1.5%
INSTALL 1 - 24" SD CAP
INV. 5433.16
MH#SD7
7+01.79, 10'LT.
BUILD 1 - 6' DIA.
TYPE "E" SD MH
MH#SD8
7+65.13, 10'LT.
BUILD 1 - 6' DIA.
TYPE "E" SD MH
MH#SD9
9+50.00, 10'LT.
BUILD 1 - 6' DIA.
TYPE "E" SD MH
N
50 25 0 50
SCALE: 1" = 50'
(HORIZ.)

VENTANA RANCH ROAD


Q=175.00CFS
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V=12.68FPS
Q=89.6CFS
V=12.68FPS
5470
5460
5450
5440
5430
5420
5410
5400
5390
STA. 1+82.00
COA PROJECT #5316.90
113+68.12
TP34.92
1+24.00
TP35.27
1+77.00
TP35.54
2+17.00
TP35.76
EXISTING GROUND AT
CENTERLINE OF
PROPOSED STREET
FUTURE TOP OF
CURB. RT. & LT.
SOIL CONDITIONS UNKNOWN
BELOW THIS POINT
S=0.6082 % RT. & LT.
S=0.6082 % LT.
S=0.7740 % RT.
S=3.6825 % RT. & LT.
HGL
EX.18"SD
EX.18"SD
EX.48"SD
81.66LF 48" SD
S=1.00% (75.66LF)
89.13LF 48" SD
S=1.00% (83.15LF)
S=0.78% (352.47LF)
64.16LF 48" SD
S=0.81% (58.16LF)
187.26LF 36" SD
S=0.62% (182.26LF)
166.72LF 36" SD
S=3.47% (162.72LF)
3.38%
VENTANA RANCH RD.
SEE SHEET 32C OF 33
0+80.00, 10'LT. MH#SD2
EXISTING 8' DIA. SD MH
RIM ~~5439.54~~ 39.64 ℄ MH= 28.41
~~INV (48") 30.11 INV (48") 28.11~~
1+24.00, 10'RT VENTANA RAN
EXIST. CROSS - TP35.27
1+76.70, 10'LT. MH#SD4
EXISTING 6' DIA. SD MH
RIM ~~5439.26~~ 39.32
~~INV (18") OUT 34.40 INV (48") IN 29.06~~
2+17.00, 10'RT VENTANA RAN
EXIST. CAP - TP35.76
2+59.46, 10'LT. MH#SD5
BUILD 1 - 6' DIA. SD MH
RIM ~~5440.11~~ 40.17
INV (18") ~~35.21~~ 35.32, INV (48") ~~29.88~~ 30.01
3+49.98, 10'LT. SD MH#SD6
BUILD 1 - 6' DIA. SD MH
RIM ~~5440.64~~ 40.93
INV (24") ~~32.66~~ 32.74, INV (48") ~~30.66~~ 30.85
7+01.79, 10'LT. SD MH#SD7
BUILD 1 - 6' DIA. SD MH
RIM ~~5442.72~~ 42.86
INV (18") ~~30.79~~ 38.84, INV (48" IN) ~~33.47~~ 33.71
INV (48" OUT) ~~33.42~~ 33.65
7+65.13, 10'LT. SD MH#SD8
BUILD 1 - 6' DIA. SD MH
RIM ~~5443.10~~, INV (24") 35.94
INV (36") 34.94, INV (48") 33.94
RIM = 5443.27
9+50.00, 10'LT. SD MH#SD9
BUILD 1 - 6' DIA. SD MH
RIM ~~5445.57~~ 45.85
~~INV (36" IN) 36.07, INV (36" OUT) 36.22~~
℄ MH = 36.37
113+09.68
114+09.68=1+00
2
3
4
5+00
6
7
8
9
10+00
11
12

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

USERNAME: CDP5:[C9526201.TRACT4-7.PNP]VENTANA3-PNP.GRF

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4"x4"x5' 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 AND 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. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

AS-BUILT INFORMATION

CONTRACTOR SPARLING CONST.
WORK STAKED BY SPARLING CONST. DATE
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE
FIELD VERIFICATION BY SPARLING DATE 12/96
DRAWINGS CORRECTED BY SPARLING DATE 12/96

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X =357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
Δα= -00°16'30"
NGVD 1929 ELEVATION = 5419.522

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

TAMARA K. MORGAN
2/96

26-5316.9132B97

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen
David C. Clausen N.M.L.S. # 6547

6547

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY PLL/TKM DATE 2/96
DRAWN BY PLL DATE 2/96
CHECKED BY TKM DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH TRACT 4A & 7A
STORM DRAIN PLAN & PROFILE
VENTANA RANCH ROAD STA. 1+00 TO 11+00

B.J.B. 5/29/96

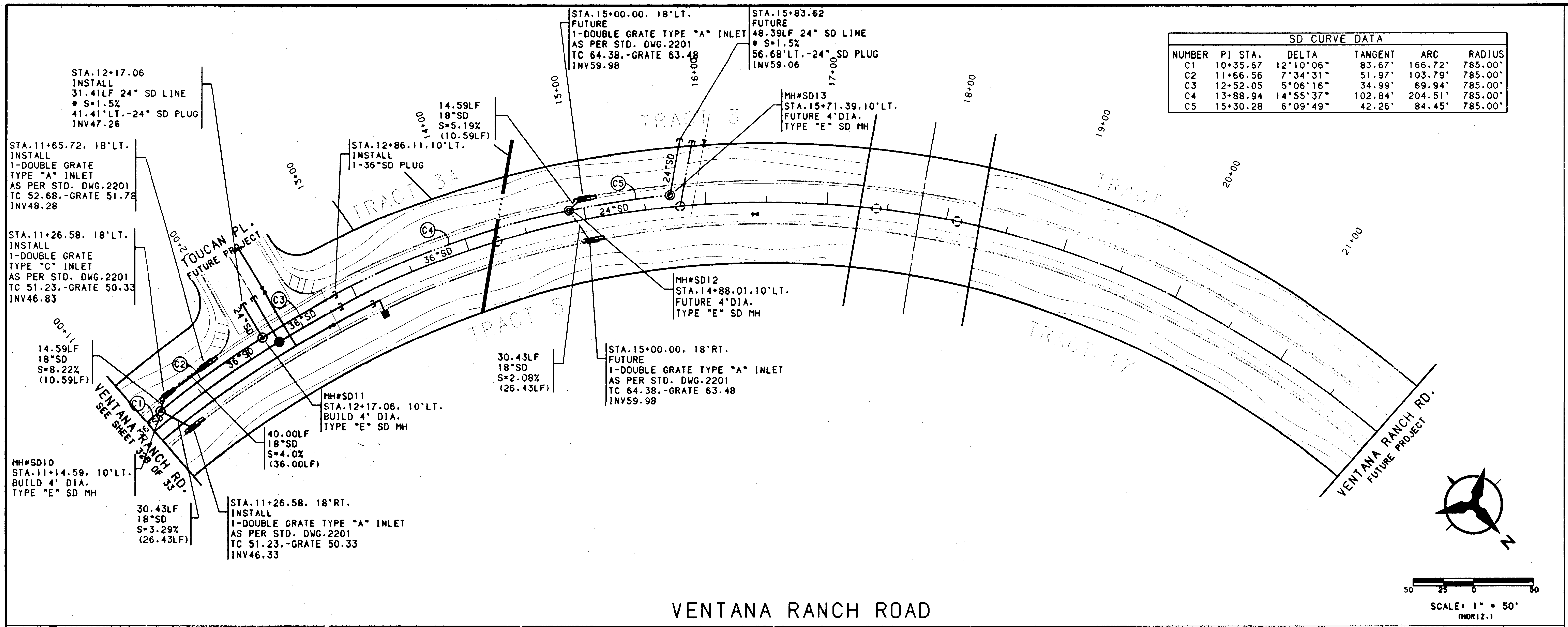
CITY ENGINEER APPROVAL

LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	32B	33

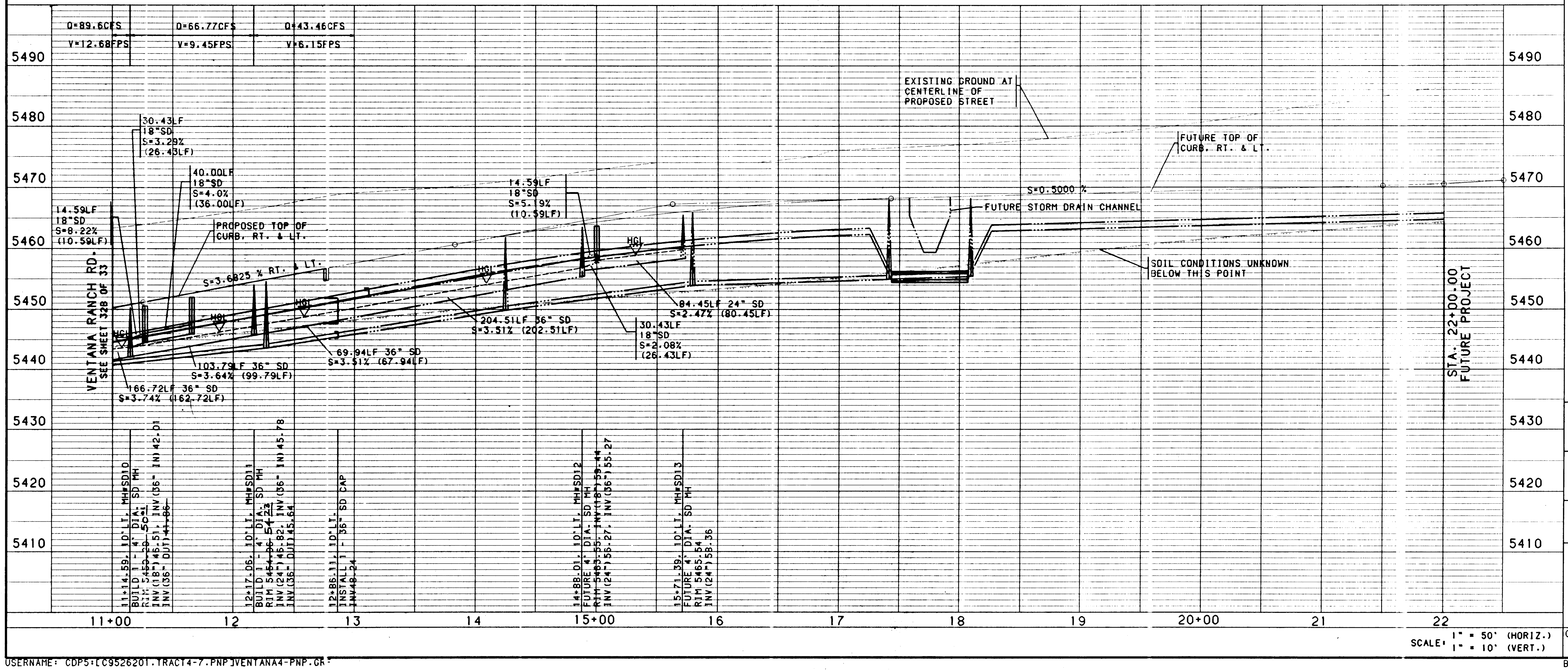
BHI JOB NO. 95228A2440

DATE: MARCH, 1996


STA.12+17.06
INSTALL
31.41LF 24" SD LINE
● S=1.5%
41.41'LT.-24" SD PLUG
INV47.26
STA.11+65.72, 18'LT.
INSTALL
1-DOUBLE GRATE
TYPE "A" INLET
AS PER STD. DWG.2201
TC 52.68,-GRATE 51.78
INV48.28
STA.11+26.58, 18'LT.
INSTALL
1-DOUBLE GRATE
TYPE "C" INLET
AS PER STD. DWG.2201
TC 51.23,-GRATE 50.33
INV46.83
14.59LF
18"SD
S=8.22%
(10.59LF)
MH#SD10
STA.11+14.59, 10'LT.
BUILD 4' DIA.
TYPE "E" SD MH
30.43LF
18"SD
S=3.29%
(26.43LF)
STA.11+26.58, 18'RT.
INSTALL
1-DOUBLE GRATE TYPE "A" INLET
AS PER STD. DWG.2201
TC 51.23,-GRATE 50.33
INV46.33
40.00LF
18"SD
S=4.0%
(36.00LF)
MH#SD11
STA.12+17.06, 10'LT.
BUILD 4' DIA.
TYPE "E" SD MH
STA.12+86.11,10'LT.
INSTALL
1-36"SD PLUG
14.59LF
18"SD
S=5.19%
(10.59LF)
STA.15+00.00, 18'LT.
FUTURE
1-DOUBLE GRATE TYPE "A" INLET
AS PER STD. DWG.2201
TC 64.38,-GRATE 63.48
INV59.98
STA.15+83.62
FUTURE
48.39LF 24" SD LINE
● S=1.5%
56.68'LT.-24" SD PLUG
INV59.06
MH#SD13
STA.15+71.39,10'LT.
FUTURE 4'DIA.
TYPE "E" SD MH
MH#SD12
STA.14+88.01,10'LT.
FUTURE 4'DIA.
TYPE "E" SD MH
30.43LF
18"SD
S=2.08%
(26.43LF)
STA.15+00.00, 18'RT.
FUTURE
1-DOUBLE GRATE TYPE "A" INLET
AS PER STD. DWG.2201
TC 64.38,-GRATE 63.48
INV59.98
TOUCAN PL.
FUTURE PROJECT
VENTANA RANCH RD.
SEE SHEET 32B OF 33
VENTANA RANCH RD.
FUTURE PROJECT
TRACT 3A
TRACT 3
TRACT 5
TRACT 8
TRACT 17
C1
C2
C3
C4
C5
36"SD
24"SD
11+00
12+00
13+00
14+00
15+00
16+00
17+00
18+00
19+00
20+00
21+00
N
50 25 0 50
SCALE: 1" = 50'
(HORIZ.)

SD CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	10+35.67	12°10'06"	83.67'	166.72'	785.00'
C2	11+66.56	7°34'31"	51.97'	103.79'	785.00'
C3	12+52.05	5°06'16"	34.99'	69.94'	785.00'
C4	13+88.94	14°55'37"	102.84'	204.51'	785.00'
C5	15+30.28	6°09'49"	42.26'	84.45'	785.00'

VENTANA RANCH ROAD


Q=89.6CFS
V=12.68FPS
Q=66.77CFS
V=9.45FPS
Q=43.46CFS
V=6.15FPS
5490
5480
5470
5460
5450
5440
5430
5420
5410
30.43LF
18"SD
S=3.29%
(26.43LF)
40.00LF
18"SD
S=4.0%
(36.00LF)
14.59LF
18"SD
S=8.22%
(10.59LF)
PROPOSED TOP OF
CURB, RT. & LT.
S=3.6825 % RT. & LT.
HGL
VENTANA RANCH RD.
SEE SHEET 32B OF 33
103.79LF 36" SD
S=3.64% (99.79LF)
166.72LF 36" SD
S=3.74% (162.72LF)
69.94LF 36" SD
S=3.51% (67.94LF)
204.51LF 36" SD
S=3.51% (202.51LF)
14.59LF
18"SD
S=5.19%
(10.59LF)
30.43LF
18"SD
S=2.08%
(26.43LF)
84.45LF 24" SD
S=2.47% (80.45LF)
EXISTING GROUND AT
CENTERLINE OF
PROPOSED STREET
FUTURE TOP OF
CURB, RT. & LT.
S=0.5000 %
FUTURE STORM DRAIN CHANNEL
SOIL CONDITIONS UNKNOWN
BELOW THIS POINT
STA. 22+00.00
FUTURE PROJECT
11+14.59, 10'LT. MH#SD10
BUILD 1 - 4' DIA. SD MH
RIM 5453.29 50.41
INV (18") 46.51, INV (36" IN) 42.01
INV (36" OUT) 41.86
12+17.06, 10'LT. MH#SD11
BUILD 1 - 4' DIA. SD MH
RIM 5454.86 54.23
INV (24") 46.82, INV (36" IN) 45.78
INV (36" OUT) 45.64
12+86.11, 10'LT.
INSTALL 1 - 36" SD CAP
INV48.24
14+88.01, 10'LT. MH#SD12
FUTURE 4' DIA. SD MH
RIM 5463.55, INV (18") 59.44
INV (24") 56.27, INV (36") 55.27
15+71.39, 10'LT. MH#SD13
FUTURE 4' DIA. SD MH
RIM 5465.54
INV (24") 58.36
11+00
12
13
14
15+00
16
17
18
19
20+00
21
22

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

USERNAME: CDP5:[C9526201.TRACT4-7.PNP]VENTANA4-PNP.GR

NOTES

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12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

26-5316:91/32C97

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen

David C. Clausen N.M.L.S. # 6547

DAVID C. CLAUSEN 6547

AS-BUILT INFORMATION
CONTRACTOR Spalling Const.
WORK STAKED BY Spalling Const.
INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 12/96
FIELD VERIFICATION BY Spalling DATE 12/96
DRAWINGS CORRECTED BY Spalling DATE 12/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

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

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
TAMARA K. MORGAN

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY PLL/TKM DATE 2/96
DRAWN BY PLL DATE 2/96
CHECKED BY TKM DATE 2/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH TRACT 4A & 7A
STORM DRAIN PLAN & PROFILE
VENTANA RANCH ROAD STA. 11+00 TO 22+00

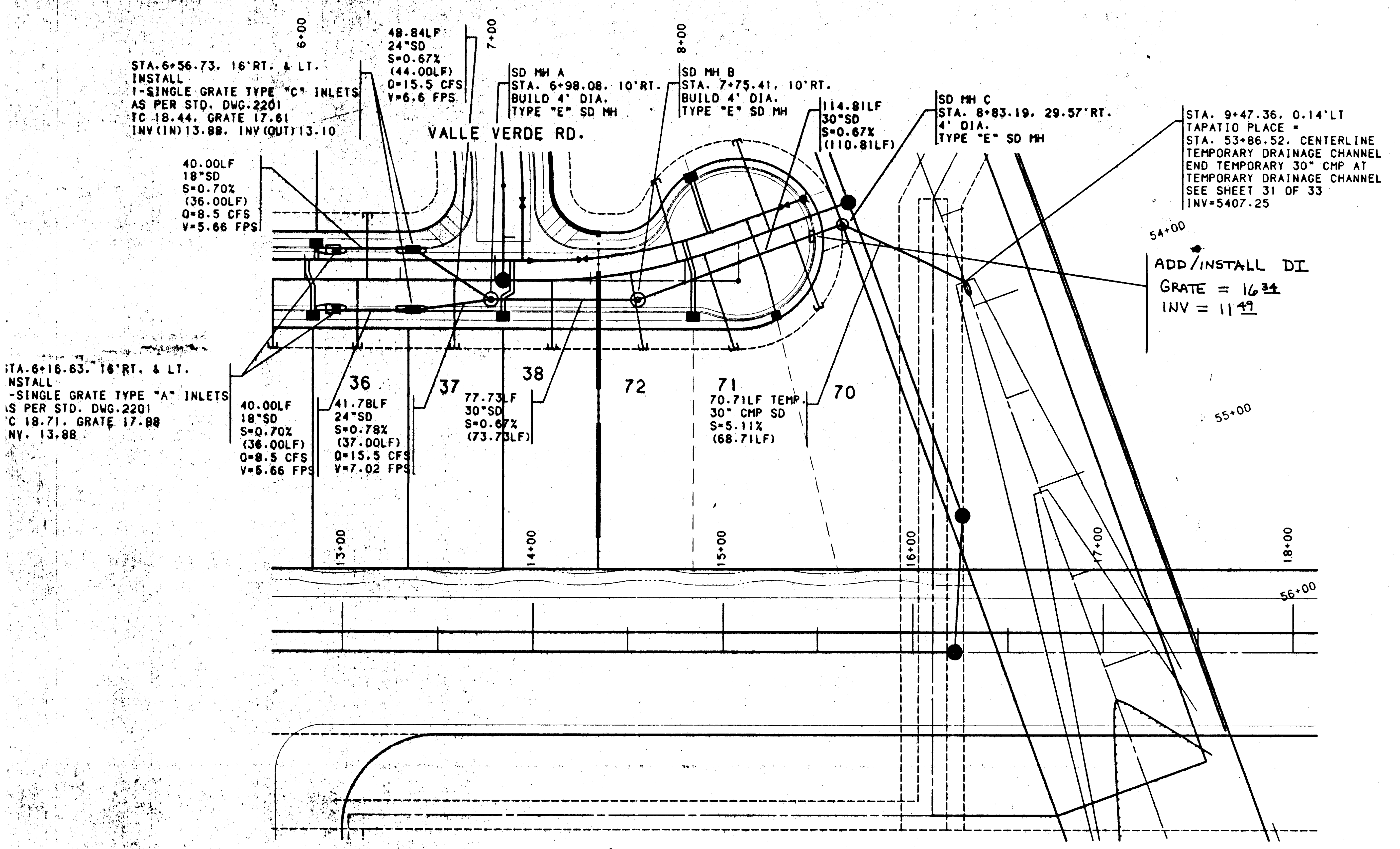
B.J.B. 5/29/96

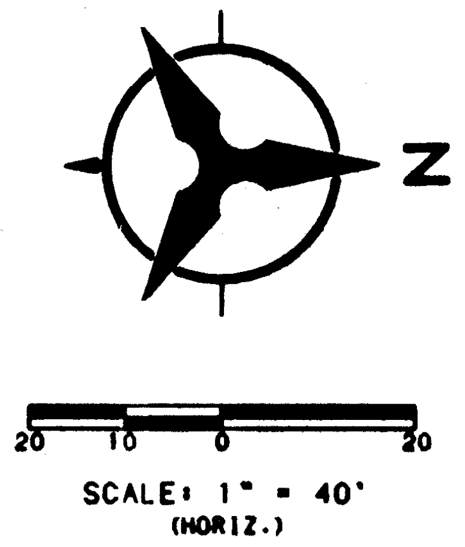
	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
B.J.B. 5/29/96				

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	32C	33

BHI JOB NO. 95228A2440

DATE: MARCH, 1996


STA.6+56.73. 16'RT. & LT.
INSTALL
1-SINGLE GRATE TYPE "C" INLETS
AS PER STD. DWG.2201
TC 18.44. GRATE 17.61
INV(IN)13.88. INV(OUT)13.10
48.84LF
24"SD
S=0.67%
(44.00LF)
Q=15.5 CFS
V=6.6 FPS
SD MH A
STA. 6+98.08. 10'RT.
BUILD 4' DIA.
TYPE "E" SD MH
SD MH B
STA. 7+75.41. 10'RT.
BUILD 4' DIA.
TYPE "E" SD MH
114.81LF
30"SD
S=0.67%
(110.81LF)
SD MH C
STA. 8+83.19. 29.57'RT.
4' DIA.
TYPE "E" SD MH
STA. 9+47.36. 0.14'LT
TAPATIO PLACE =
STA. 53+86.52. CENTERLINE
TEMPORARY DRAINAGE CHANNEL
END TEMPORARY 30" CMP AT
TEMPORARY DRAINAGE CHANNEL
SEE SHEET 31 OF 33
INV=5407.25
VALLE VERDE RD.
6+00
7+00
8+00
40.00LF
18"SD
S=0.70%
(36.00LF)
Q=8.5 CFS
V=5.66 FPS
54+00
ADD/INSTALL DI
GRATE = 16.34
INV = 11.49
STA.6+16.63. 16'RT. & LT.
INSTALL
1-SINGLE GRATE TYPE "A" INLETS
AS PER STD. DWG.2201
TC 18.71. GRATE 17.88
INV. 13.88
40.00LF
18"SD
S=0.70%
(36.00LF)
Q=8.5 CFS
V=5.66 FPS
36
41.78LF
24"SD
S=0.78%
(37.00LF)
Q=15.5 CFS
V=7.02 FPS
37
77.73LF
30"SD
S=0.67%
(73.73LF)
38
72
71
70.71LF TEMP.
30" CMP SD
S=5.11%
(68.71LF)
70
55+00
13+00
14+00
15+00
16+00
17+00
18+00
56+00


Z
20 10 0 20
SCALE: 1" = 40'
(HORIZ.)

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

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3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

5. CONTRACTOR IS TO INSTALL A 4"x4"x5' 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.

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11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).

12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

13. 30" TEMPORARY CMP REQUIRES CONTRACTOR TO DEFLECT PIPE AT EACH JOINT.

14. ALL TEMPORARY STRUCTURES ARE TO BE MAINTAINED BY THE OWNER UNTIL PERMANENT IMPROVEMENTS ARE MADE.

26-5316.91 3397

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen
David C. Clausen N.M.L.S. # 6547

6547

AS-BUILT INFORMATION	
CONTRACTOR	Sparling Const.
WORK STAKED BY	Sparling Const. DATE 12/96
INSPECTOR'S ACCEPTANCE BY	C.O.A. DATE 12/96
FIELD VERIFICATION BY	Sparling DATE 12/96
DRAWINGS CORRECTED BY	Sparling DATE 12/96

MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS
ACS BRASS TABLET STAMPED "1-B10"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X = 357,526.69
Y = 1,525,168.35
GROUND-TO-GRID FACTOR = 0.9996640
Δ = -00°16'50"
NGVD 1929 ELEVATION = 5419.522

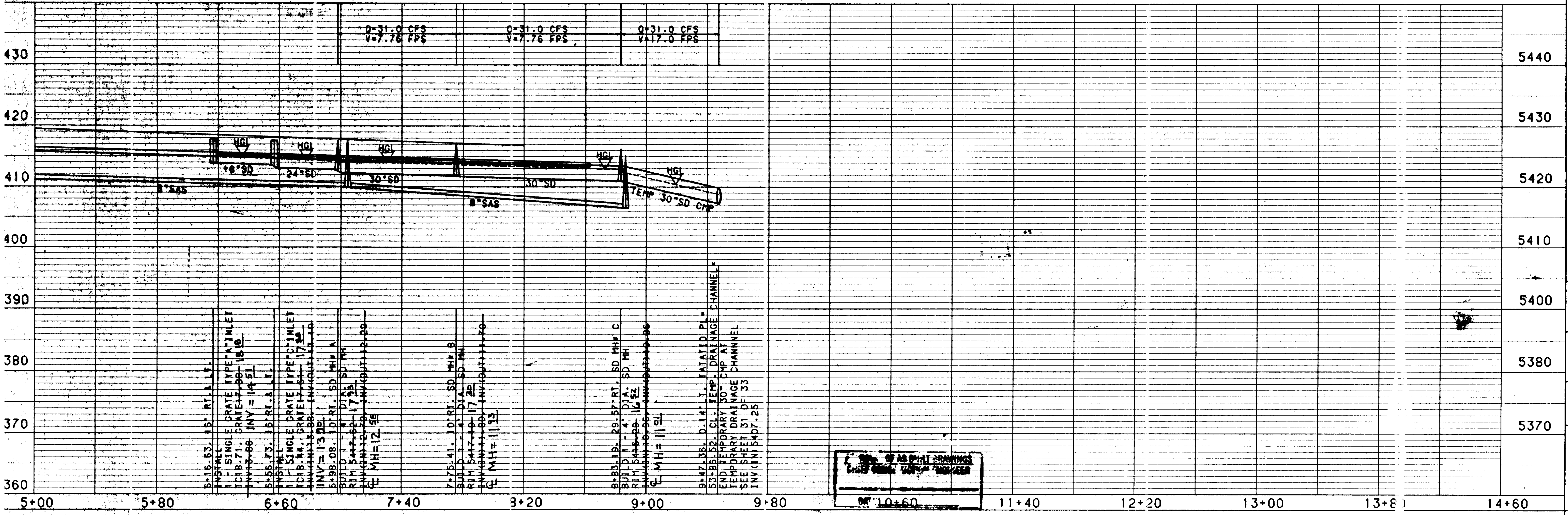
SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY TKM.BCF.JF DATE 2/96
DRAWN BY BS. PLL DATE 2/96
CHECKED BY TKM DATE 2/96

TAPATIO DR. / TAPATIO PL.


Q=31.0 CFS
V=7.76 FPS
Q=31.0 CFS
V=7.76 FPS
Q=31.0 CFS
V=17.0 FPS
HGL
18"SD
24"SD
30"SD
30"SD
TEMP 30"SD CMP
8"SAS
8"SAS
5440
5430
5420
5410
5400
5380
5370
430
420
410
400
390
380
370
360
6+16.63. 16' RT. & LT.
INSTALL
1 - SINGLE GRATE TYPE "A" INLET
TC18.71, GRATE 18.16
INV = 14.51
6+56.73. 16' RT. & LT.
INSTALL
1 - SINGLE GRATE TYPE "C" INLET
TC18.44, GRATE 17.61
INV = 13.70
6+98.08. 10' RT. SD MH# A
BUILD 1 - 4' DIA. SD MH
RIM 5417.93
℄ MH = 12.58
7+75.41. 10' RT. SD MH# B
BUILD 1 - 4' DIA. SD MH
RIM 5417.30
℄ MH = 11.93
8+83.19. 29.57' RT. SD MH# C
BUILD 1 - 4' DIA. SD MH
RIM 5416.52
℄ MH = 11.91
9+47.36. 0.14' LT. TAPATIO PL =
53+86.52. CL. TEMP. DRAINAGE CHANNEL
END TEMPORARY 30" CMP AT
TEMPORARY DRAINAGE CHANNEL
SEE SHEET 31 OF 33
INV (IN) 5407.25
5+00
5+80
6+60
7+40
8+20
9+00
9+80
10+60
11+40
12+20
13+00
13+80
14+60

SCALE: 1" = 40' (HORIZ.)
1" = 10' (VERT.)

NAME: CDP5:[C9526201.TRACT4-7.PAD]SD-TAPATIO.GRF

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

VENTANA RANCH
STORM DRAIN PLAN & PROFILE
TAPATIO PLACE / TAPATIO DRIVE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
B.J.B. 5/29/96				

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5316.91	B9.B10	33	33

BHI JOB NO. 95228A2440

DATE: MARCH, 1996