

CONSTRUCTION PLANS
FOR
SUNSET RIDGE SUBDIVISION
AT HIGH DESERT
ALBUQUERQUE, NEW MEXICO

INDEX

SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
2-3	PLAT
4	OVERALL GRADING PLAN
4A	GRADING DETAILS
4B	POND DETAILS
5	MASTER PAVING PLAN
	PAVING PLAN AND PROFILE SHEETS
6	SUNSET RIDGE PLACE - STA.1+00.00 - 7+70.00 (INCLUDING SD)
7	SUNSET RIDGE PLACE - STA.7+70.00 - 14+50.00 (INCLUDING SD)
8	SUNRISE TRAIL PLACE
9	SAGE POINT COURT (INCLUDING SD)
10	SANDIA POINT ROAD
11	PINON POINT STREET
12	ALPINE TRAIL ST. / KASS TRAIL ST.
13	MASTER UTILITY PLAN
	UTILITY PLAN AND PROFILE SHEETS
14	SUNSET RIDGE PLACE - STA.1+00.00 - 7+70.00
15	SUNSET RIDGE PLACE - STA.7+70.00 - 14+50.00
16	SUNRISE TRAIL PLACE
17	SAGE POINT COURT
18	SANDIA POINT ROAD
19	PINON POINT STREET
20	ALPINE TRAIL ST. / KASS TRAIL ST.
21	SAGE POINT CT. EASEMENT (INCLUDING SD)

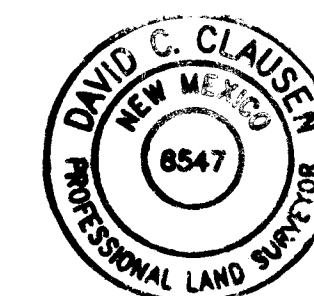
I, David C. Clausen, New Mexico
 Land Surveyor No. 6547, do hereby
 certify that the above is a true and
 correct copy of the as-built information shown
 on the above sheets, and that the same are the
 result of a field survey performed by me or
 under my direct supervision, and that the same
 are correct.

David C. Clausen
 David C. Clausen

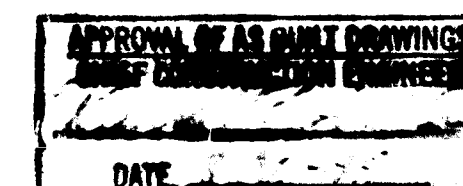
APPROVAL OF AS-BUILT DRAWINGS
 DATE OF COMPLETION: 01/15/2011

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
N.M.L.S. # 6547
1-05-98



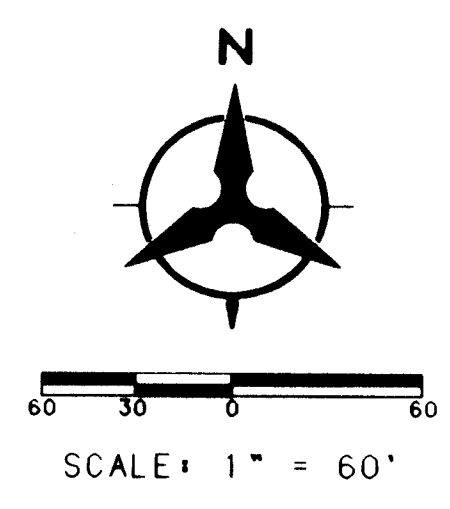
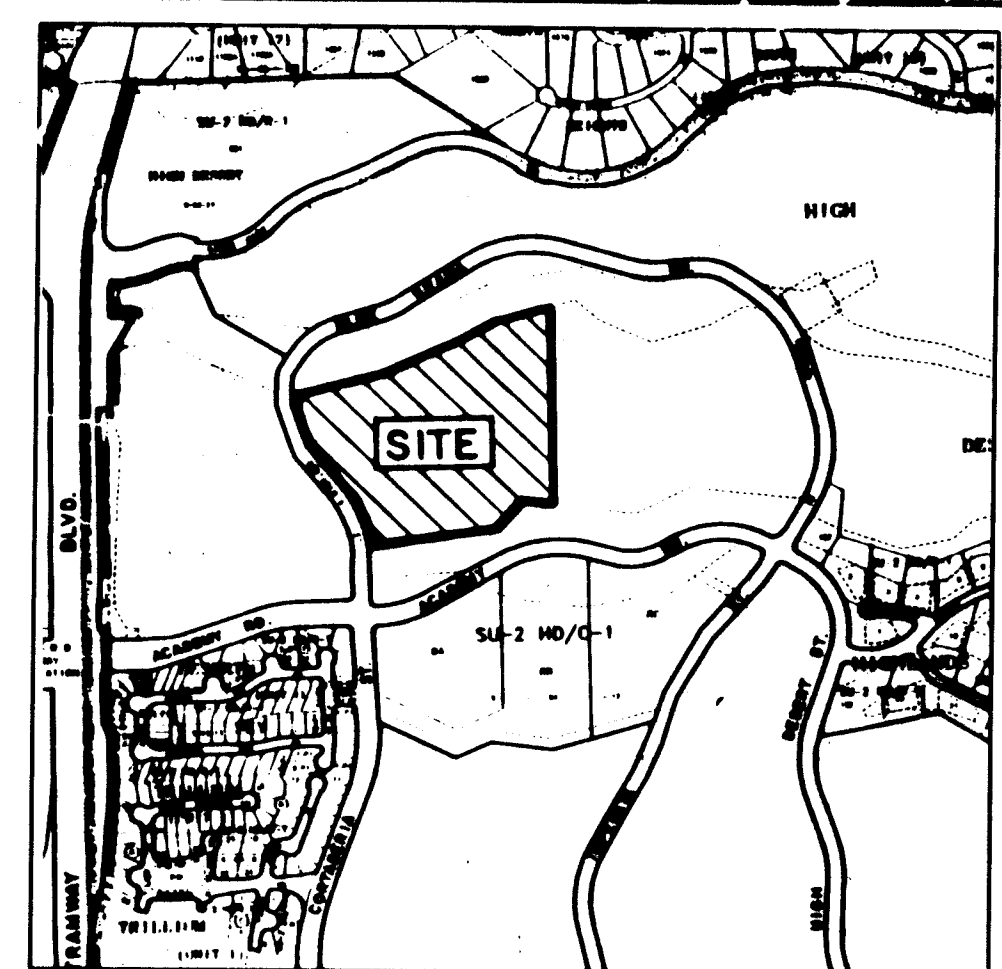
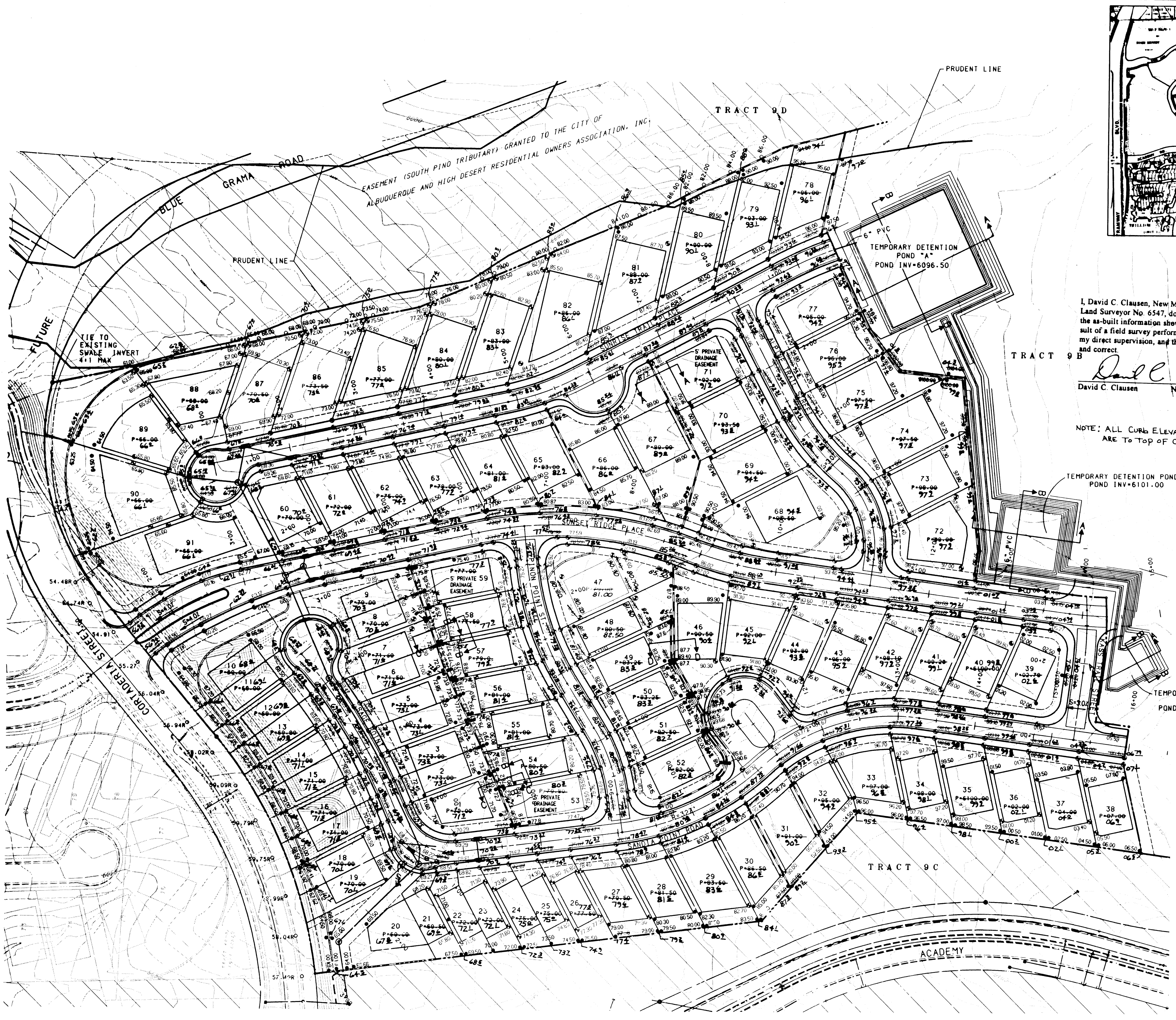
DRB #97-134 BHI JOB NO. C97178A08



 VICINITY MAP NOT TO SCALE E-23		NOTICE TO CONTRACTORS 1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AND SHALL INCLUDE UPDATE No.6 2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES. 3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. 4. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADE PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. 5. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED W/ PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET. 6. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THE PROJECT LIMITS NOT SHOWN ON THE PLANS THAT IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT DESIGNER'S EXPENSE. 7. ANY WORK WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR HOUR CONSTRUCTION. <u>THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED</u> ☒ 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 DEPRESSIONED 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.																																						
Mexico Professional do hereby certify that shown hereon is the reformed by me or under d that the same is true <i>Clausen</i> N.M.L.S. # 6547 -05-98 DAVID C. CLAUSEN NEW MEXICO 6547 PROFESSIONAL LAND SURVEYOR		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">REV</td> <td style="width: 25%;">SHEETS</td> <td style="width: 25%;">CITY ENGINEER</td> <td style="width: 25%;">DATE</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>			REV	SHEETS	CITY ENGINEER	DATE																																
REV	SHEETS	CITY ENGINEER	DATE																																					
KEVIN G. PATTON NEW MEXICO 13685 REGISTERED PROFESSIONAL ENGINEER <i>Kevin G. Patton</i> 8/14/97		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 30%;">ENGINEERS STAMP & APPROVAL</th> <th style="width: 20%;">APPROVALS</th> <th style="width: 20%;">ENGINEER</th> <th style="width: 10%;">DATE</th> <th style="width: 20%;">*****</th> </tr> <tr> <td rowspan="5" style="text-align: center; vertical-align: middle;">  </td> <td>DRC Chairman</td> <td><i>Billy G. Sanchez</i></td> <td>8-26-97</td> <td rowspan="5" style="text-align: center; vertical-align: middle;"> APPROVED FOR CONSTRUCTION <i>[Signature]</i> City Engineer </td> </tr> <tr> <td>Transportation</td> <td><i>R.W. Kane</i></td> <td>8-13-97</td> </tr> <tr> <td>Water/Wastewater</td> <td><i>R.W. Kane</i></td> <td>8-12-97</td> </tr> <tr> <td>Hydrology</td> <td><i>Anna Calogian</i></td> <td>8-19-97</td> </tr> <tr> <td>CIP</td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td>Constr. Mngmt.</td> <td> </td> <td> </td> <td> </td> </tr> </table>			ENGINEERS STAMP & APPROVAL	APPROVALS	ENGINEER	DATE	*****		DRC Chairman	<i>Billy G. Sanchez</i>	8-26-97	APPROVED FOR CONSTRUCTION <i>[Signature]</i> City Engineer	Transportation	<i>R.W. Kane</i>	8-13-97	Water/Wastewater	<i>R.W. Kane</i>	8-12-97	Hydrology	<i>Anna Calogian</i>	8-19-97	CIP				Constr. Mngmt.												
ENGINEERS STAMP & APPROVAL	APPROVALS	ENGINEER	DATE	*****																																				
	DRC Chairman	<i>Billy G. Sanchez</i>	8-26-97	APPROVED FOR CONSTRUCTION <i>[Signature]</i> City Engineer																																				
	Transportation	<i>R.W. Kane</i>	8-13-97																																					
	Water/Wastewater	<i>R.W. Kane</i>	8-12-97																																					
	Hydrology	<i>Anna Calogian</i>	8-19-97																																					
	CIP																																							
	Constr. Mngmt.																																							
CITY PROJECT NO. 571281		SHEET 1 OF 21																																						

PLAT OF
SUNSET RIDGE AT
HIGH DESERT
(A REPLAT OF TRACT 9A HIGH DESERT)
ALBUQUERQUE, NEW MEXICO
JUNE, 1997

CURVE DATA										CURVE DATA										
CURVE	RADIUS	LENGTH	TANGENT	CHORD	CHORD BEARING	DELTA	CURVE	RADIUS	LENGTH	TANGENT	CHORD	CHORD BEARING	DELTA	CURVE	RADIUS	LENGTH	TANGENT	CHORD	CHORD BEARING	DELTA
C1	591.00'	333.95'	171.58'	329.52'	N23°08'45"W	32°22'51"	C112	500.00'	74.48'	37.31'	74.41'	N88°19'06"W	08°32'06"	C1	591.00'	333.95'	171.58'	329.52'	N23°08'45"W	32°22'51"
C2	309.00'	289.39'	156.29'	278.93'	N12°50'13"W	53°59'36"	C113	371.00'	9.74'	4.87'	9.74'	N89°48'45"E	01°30'14"	C2	309.00'	289.39'	156.29'	278.93'	N12°50'13"W	53°59'36"
C3	524.90'	8.44'	4.22'	8.44'	N7°00'57"E	00°55'17"	C114	25.00'	25.30'	13.85'	24.23'	S81°56'58"E	57°58'46"	C3	524.90'	8.44'	4.22'	8.44'	N7°00'57"E	00°55'17"
C4	375.00'	43.13'	21.59'	43.11'	S85°31'27"E	06°35'24"	C115	45.00'	50.65'	28.39'	48.02'	S85°12'20"E	64°29'30"	C4	375.00'	43.13'	21.59'	43.11'	S85°31'27"E	06°35'24"
C5	525.00'	86.46'	43.33'	86.37'	S03°03'10"W	09°26'10"	C116	500.00'	89.61'	44.32'	89.49'	N78°55'00"W	10°16'06"	C5	525.00'	86.46'	43.33'	86.37'	S03°03'10"W	09°26'10"
C6	314.00'	148.59'	75.71'	147.21'	N64°13'24"E	27°08'49"	C117	45.00'	48.81'	27.12'	46.46'	N31°28'23"E	62°09'04"	C6	314.00'	148.59'	75.71'	147.21'	N64°13'24"E	27°08'49"
C7	475.00'	59.01'	29.54'	58.97'	N81°20'20"E	07°07'04"	C118	25.00'	27.12'	15.07'	25.81'	N31°28'23"E	62°09'04"	C7	475.00'	59.01'	29.54'	58.97'	N81°20'20"E	07°07'04"
C8	475.00'	216.26'	110.04'	214.39'	S82°03'34"E	26°05'08"	C119	500.00'	22.75'	11.38'	22.75'	N72°28'44"W	02°36'26"	C8	475.00'	216.26'	110.04'	214.39'	S82°03'34"E	26°05'08"
C9	475.00'	109.54'	55.01'	109.29'	S75°37'22"E	13°12'45"	C120	320.00'	39.41'	19.73'	39.39'	S45°23'28"E	07°03'24"	C9	475.00'	109.54'	55.01'	109.29'	S75°37'22"E	13°12'45"
C10	400.00'	24.13'	12.07'	24.12'	S83°57'25"E	03°27'21"	C121	102.00'	79.59'	41.95'	77.59'	S28°33'54"E	44°42'51"	C10	400.00'	24.13'	12.07'	24.12'	S83°57'25"E	03°27'21"
C11	400.00'	23.04'	11.53'	23.04'	S87°00'07"E	03°18'03"	C122	25.00'	44.50'	30.86'	38.85'	S46°46'48"W	101°58'54"	C11	400.00'	23.04'	11.53'	23.04'	S87°00'07"E	03°18'03"
C12	125.00'	123.68'	67.43'	118.70'	N20°34'27"W	56°41'25"	C123	450.00'	100.21'	50.31'	100.00'	N75°50'59"W	12°45'32"	C12	125.00'	123.68'	67.43'	118.70'	N20°34'27"W	56°41'25"
C13	297.00'	111.28'	56.30'	110.63'	N38°11'07"W	21°28'05"	C124	450.00'	3.56'	1.78'	3.56'	N69°14'36"W	00°27'13"	C13	297.00'	111.28'	56.30'	110.63'	N38°11'07"W	21°28'05"
C14	501.90'	71.70'	35.91'	71.64'	S66°38'28"W	08°11'07"	C125	320.00'	69.84'	35.06'	69.71'	S35°36'36"E	12°30'20"	C14	501.90'	71.70'	35.91'	71.64'	S66°38'28"W	08°11'07"
C15	148.00'	92.51'	46.53'	92.24'	S70°09'51"W	15°13'53"	C126	500.00'	18.84'	9.42'	18.84'	N70°05'45"W	02°09'51"	C15	148.00'	92.51'	46.53'	92.24'	S70°09'51"W	15°13'53"
C16	373.00'	169.93'	86.47'	168.47'	S18°09'13"E	26°06'11"	C127	320.00'	10.64'	5.32'	10.64'	S28°24'15"E	01°54'21"	C16	373.00'	169.93'	86.47'	168.47'	S18°09'13"E	26°06'11"
C17	227.00'	95.78'	48.62'	95.08'	S19°07'01"E	24°10'35"	C128	25.00'	39.27'	25.00'	35.36'	S72°27'05"E	90°00'00"	C17	227.00'	95.78'	48.62'	95.08'	S19°07'01"E	24°10'35"
C18	502.00'	75.25'	37.70'	75.18'	S03°28'36"W	08°35'19"	C129	25.00'	36.96'	22.79'	33.68'	N39°52'48"W	84°41'54"	C18	502.00'	75.25'	37.70'	75.18'	S03°28'36"W	08°35'19"
C19	248.00'	195.58'	103.20'	190.55'	S75°10'40"W	45°11'09"	C130	148.00'	32.22'	16.17'	32.15'	N03°46'01"W	12°28'21"	C19	248.00'	195.58'	103.20'	190.55'	S75°10'40"W	45°11'09"
C20	248.00'	25.19'	12.61'	25.18'	S49°40'31"W	05°49'10"	C131	148.00'	65.76'	33.43'	65.22'	N22°43'56"W	25°27'29"	C20	248.00'	25.19'	12.61'	25.18'	S49°40'31"W	05°49'10"
C21	327.00'	203.06'	104.93'	199.82'	S64°33'19"W	35°34'48"	C132	148.00'	34.76'	17.46'	34.68'	N42°11'25"W	13°27'28"	C21	327.00'	203.06'	104.93'	199.82'	S64°33'19"W	35°34'48"
C22	327.00'	3.57'	1.79'	3.57'	S82°39'30"W	00°37'34"	C133	274.00'	43.38'	21.74'	43.34'	N44°23'01"W	09°04'18"	C22	327.00'	3.57'	1.79'	3.57'	S82°39'30"W	00°37'34"
C23	75.00'	49.31'	25.58'	48.43'	N78°11'57"W	37°40'12"	C134	274.00'	59.28'	29.76'	59.17'	N33°38'59"W	12°23'47"	C23	75.00'	49.31'	25.58'	48.43'	N78°11'57"W	37°40'12"
C24	75.00'	49.31'	25.58'	48.43'	N40°31'25"W	37°40'12"	C135	25.00'	39.27'	25.00'	35.36'	N17°32'55"E	90°00'00"	C24	75.00'	49.31'	25.58'	48.43'	N40°31'25"W	37°40'12"
C25	744.00'	244.35'	123.28'	243.25'	N31°05'50"W	18°49'03"	C136	478.90'	70.77'	35.45'	70.71'	N66°46'56"E	08°28'03"	C25	744.00'	244.35'	123.28'	243.25'	N31°05'50"W	18°49'03"
C26	52.00'	68.38'	40.15'	63.56'	N59°21'31"W	75°20'24"	C137	524.90'	64.19'	32.13'	64.15'	S66°03'06"W	07°00'23"	C26	52.00'	68.38'	40.15'	63.56'	N59°21'31"W	75°20'24"
C27	767.00'	3.58'	1.79'	3.58'	N12°50'13"W	00°38'28"	C138	325.00'	82.64'	41.55'	82.42'	S69°50'00"W	14°34'10"	C27	767.00'	3.58'	1.79'	3.58'	N12°50'13"W	00°38'28"
C28	767.00'	36.04'	18.02'	36.04'	N23°40'33"W	02°41'53"	C139	325.00'	3.76'	1.88'	3.76'	S72°26'56"W	00°39'43"	C28	767.00'	36.04'	18.02'	36.04'	N23°40'33"W	02°41'53"
C29	767.00'	36.16'	18.08'	36.16'	N26°22'21"W	02°42'04"	C140	40.00'	19.92'	10.17'	19.71'	S63°30'56"W	28°31'44"	C29	767.00'	36.16'	18.08'	36.16'	N26°22'21"W	02°42'04"
C30	767.00'	36.36'	18.18'	36.36'	N29°04'53"W	02°42'59"	C141	40.00'	36.08'	19.37'	34.87'	S23°24'28"W	51°41'12"	C30	767.00'	36.36'	18.18'	36.36'	N29°04'53"W	02°42'59"
C31	767.00'	36.65'	18.33'	36.65'	N31°48'30"W	02°41'16"	C142	309.00'	67.38'	33.62'	67.24'	N08°04'47"E	12°29'36"	C31	767.00'	36.65'	18.33'	36.65'	N31°48'30"W	02°41'16"
C32	767.00'	37.03'	18.52'	37.03'	N34°33'38"W	02°45'59"	C143	40.00'	40.22'	21.99'	38.54'	S31°14'21"E	57°36'26"	C32	767.00'	37.03'	18.52'	37.03'	N34°33'38"W	02°45'59"
C33	767.00'	4.62'	2.31'	4.62'	N36°06'58"W	00°20'42"	C144	309.00'	165.55'	84.81'	163.58'	N13°30'56"W	30°41'49"	C33	767.00'	4.62'	2.31'	4.62'	N36°06'58"W	00°20'42"
C34	25.00'	25.93'	14.27'	24.78'	N06°34'29"W	59°25'40"	C145	40.00'	71.64'	49.94'	62.44'	N68°39'03"E	102°36'45"	C34	25.00'	25.93'	14.27'	24.78'	N06°34'29"W	59°25'40"
C35	40.00'	9.51'	4.78'	9.49'	N16°19'41"E	03°37'19"	C146	309.00'	97.31'	49.06'	96.91'	S68°45'29"W	18°02'38"	C35	40.00'	9.51'	4.78'	9.49'	N16°19'41"E	03°37'19"
C36	40.00'	35.40'	17.70'	35.08'	N17°11'17"W	53°56'38"	C147	431.00'	48.14'	24.10'	48.12'	S56°31'21"W	06°23'59"	C36	40.00'	35.40'	17.70'	35.08'	N17°11'17"W	53°56'38"
C37	40.00'	30.21'	15.87'	29.50'	N65°43'55"W	43°16'38"	C148	25.00'	38.10'	23.86'	34.52'	N82°59'55"W	87°19'48"	C37	40.00'	30.21'	15.87'	29.50'	N65°43'55"W	43°16'38"
C38	591.00'	48.11'	24.07'	48.09'	N75°28'53"E	04°39'49"	C149	309.00'	56.46'	28.31'	56.38'	N34°05'55"W	10°28'11"	C38	591.00'	48.11'	24.07'	48.09'	N75°28'53"E	04°39'49"
C39	40.00'	71.07'	49.22'	62.08'	S41°43'48"W	101°47'58"	C150	500.00'	289.75'	149.07'	285.72'	S85°37'06"E	33°12'12"	C39	40.00'	71.07'	49.22'	62.08'	S41°43'48"W	101°47'58"
C40	25.00'	40.85'	26.63'	36.45'	N18°29'29"W	93°33'25"	C151	525.00'	9.17'	4.58'	9.17'	S01°09'55"E	01°00'01"	C40	25.00'	40.85'	26.63'	36.45'	N18°29'29"W	93°33'25"
C41	361.00'	50.22'	25.15'	50.18'	N58°16'34"E	07°58'12"	C152	525.00'	77.30'	38.72'	77.23'	S03°33'11"W	08°26'09"	C41	361.00'	50.22'	25.15'	50.18'	N58°16'34"E	07°58'12"
C42	591.00'	111.97'	56.15'	111.80'	N67°41'19"E	10°51'19"	C153	500.00'	115.30'	57.91'	115.05'	N75°37'22"W	13°12'45"	C42	591.00'	111.97'	56.15'	111.80'	N67°41'19"E	10°51'19"
C43	40.00'	21.88'	11.22'	21.81'	S24°50'16"E	03°12'01"	C154	450.00'	153.84'	77.68'	153.09'	N78°48'38"W	19°35'16"	C43	40.00'	21.88'	11.22'	21.81'	S24°50'16"E	03°12'01"
C44	721.00'	13.81'	6.94'	13.87'	N35°01'09"W	03°12'14"	C155	591.00'	160.08'	80.53'	159.59'	S70°01'14"W	15°31'01"	C44	721.00'	13.81'	6.94'	13.87'	N35°01'09"W	03°12'14"
C45	721.00'	35.01'	17.51'	35.01'	S38°00'44"E	02°46'57"	C156	320.00'	119.90'	60.66'	119.00'	N38°11'07"E	21°28'05"	C45	721.00'	35.01'	17.51'	35.01'	S38°00'44"E	02°46'57"
C46	591.00'	27.98'	13.99'	27.98'	N37°58'38"W	02°42'45"	C157	274.00'	102.66'	51.94'	102.06'	S38°11'07"E	21°28'05"	C46	591.00'	27.98'	13.99'	27.98'	N37°58'38"W	02°42'45"
C47	721.00'	40.32'	20.16'	40.31'	S35°01'09"E	03°12'14"	C158	148.00'	132.74'	71.21'	128.34'	S23°13'30"E	51°23'19"	C47	721.00'	40.32'	20.16'	40.31'	S35°01'09"E	03°12'14"
C48	591.00'	35.05'	16.53'	35.04'	N35°01'09"W	03°12'14"	C159	45.00'	99.46'	89.56'	80.42'	S63°43'08"W	126°38'33"	C48	591.00'	35.05'	16.53'	35.04'	N35°01'09"W	03°12'14"
C49	721.00'	40.32'	20.16'	40.31'	S31°48'55"E	03°12'14"	C160	371.00'	56.46'	28.28'	56.40'	S73°25'15"W	08°43'10"	C49	721.00'	40.32'	20.16'	40.31'	S31°48'55"E	03°12'14"
C50	591.00'	33.05'	16.53'	33.04'	N31°48'55"W	03°12'14"	C161	40.00'	168.61'	84.31'	168.75'	N42°58'40"W	241°30'55"	C50	591.00'	33.05'	16.53'	33.04'	N31°48'55"W	03°12'14"
C51	721.00'	40.32'	20.16'	40.31'	S28°36'41"E	03°12'14"	C162	325.00'	86.40'	43.45'	86.14'	N70°09'51"E	15°13'53"	C51	721.00'	40.32'	20.16'	40.31'	S28°36'41"E	03°12'14"
C52	591.00'	33.05'	16.53'	33.04'	N28°36'41"E	03°12'14"	C163	204.00'	86.08'	43.69'	85.44'	N19°07'01"W	24°10'35"	C52	591.00'	33.05'	16.53'	33.04'	N28°36'41"E	



I, David C. Clausen, New Mexico Professional Land Surveyor No. 6547, do hereby certify that the as-built information shown herein 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
NEW MEXICO
PROFESSIONAL LAND SURVEYOR
No. 6547

NOTE: ALL CURB ELEVATIONS SHOWN ARE TO TOP OF CURB.

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, DATED APRIL, 1997.
3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER DETAIL THIS SHEET AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
5. ALL SPOT ELEVATIONS ARE TO FLOWLINE ELEV. UNLESS OTHERWISE NOTED.

LEGEND

- PROJECT BOUNDARY
- EXISTING CONTOUR (2' INTERVAL)
- EXISTING INDEX CONTOUR (2' INTERVAL)
- PROPOSED CONTOUR (1' INTERVAL)
- PROPOSED INDEX CONTOUR (1' INTERVAL)
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- DIRECTION OF FLOW
- GARDEN WALL
- PROPOSED RETAINING WALL
- EXISTING STORM DRAIN LINE
- EXISTING STORM DRAIN MANHOLE
- EXISTING STORM DRAIN INLET
- PROPOSED STORM DRAIN LINE
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLET
- BACKYARD POND SYMBOL
- GRADING LIMITS
- PROPOSED STD. CURB AND GUTTER
- PROP. MOUNTABLE CURB ROLL TYPE
- BASEIN BOUNDARY

APPROVED FOR ROUGH GRADING (± 1')

HYDROLOGY ENGINEER DATE

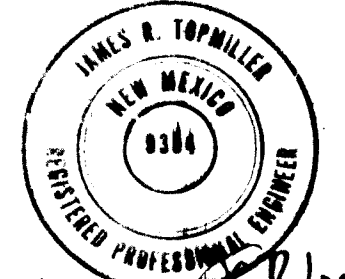
BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

SUNSET RIDGE AT HIGH DESERT OVERALL GRADING PLAN

DESIGN REVIEW BOARD NO.	APPROVAL DATE	MO/DAY/YR	MO/DAY/YR
97-134			
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
571281	E-23	4	21

AS-BUILT INFORMATION		BENCH MARKS		STATION IS A STANDARD UCC & GS BRASS	
CONTRACTOR	Spaulding	DATE		DATE	
STARTED BY	Spaulding	DATE		DATE	
ACCEPTANCE BY	BH	DATE		DATE	
FIELD LOCATION BY	Spaulding	DATE		DATE	
REVISIONS		DATE		DATE	
CORRECTED BY	Spaulding	DATE		DATE	
MICRO-FILM INFORMATION		RECORDED BY		DATE	
		OF SAN ANTONIO DR. ELEV. = 6009.155			



REMARKS

RELATIONS
DESIGN

BY

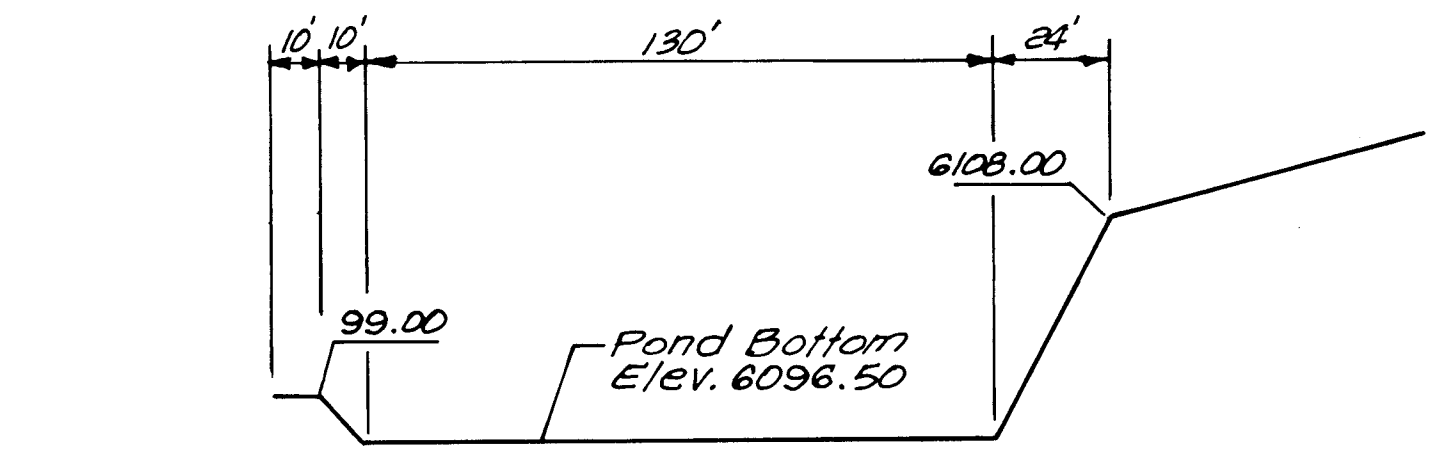
DATE

DATE

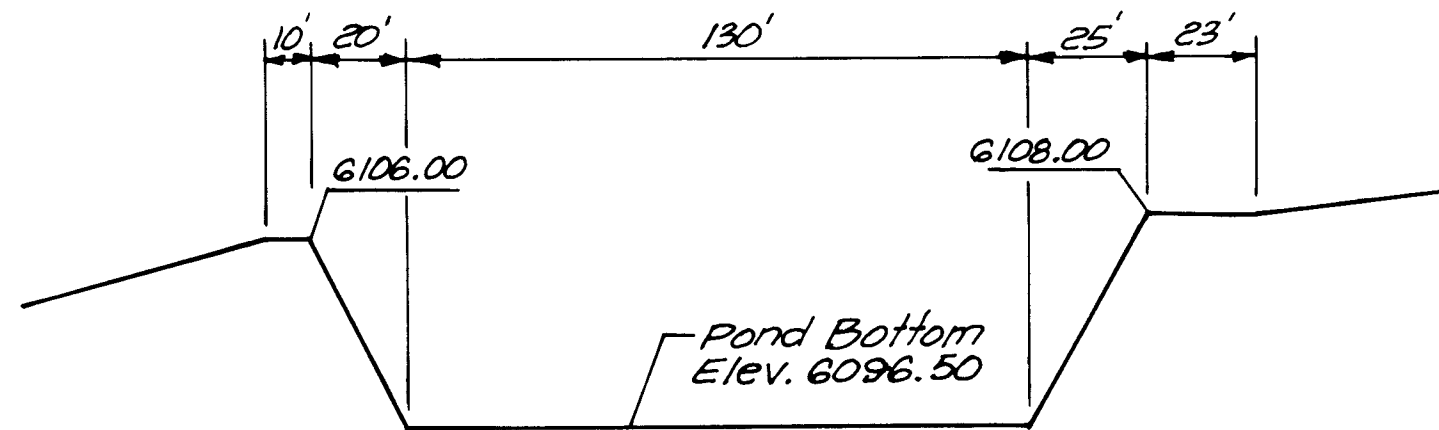
DATE

DATE

- Copyright Bohannon-Huston, Inc. 1997
DATE: MARCH, 1997



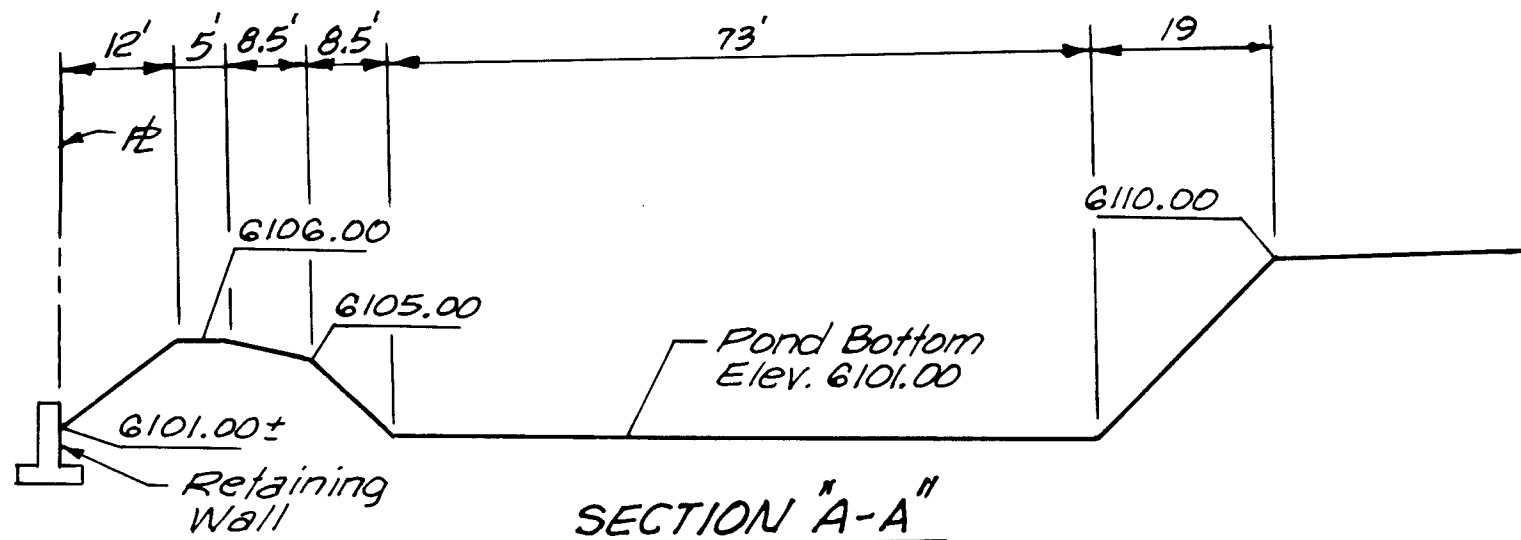
SECTION "A-A"



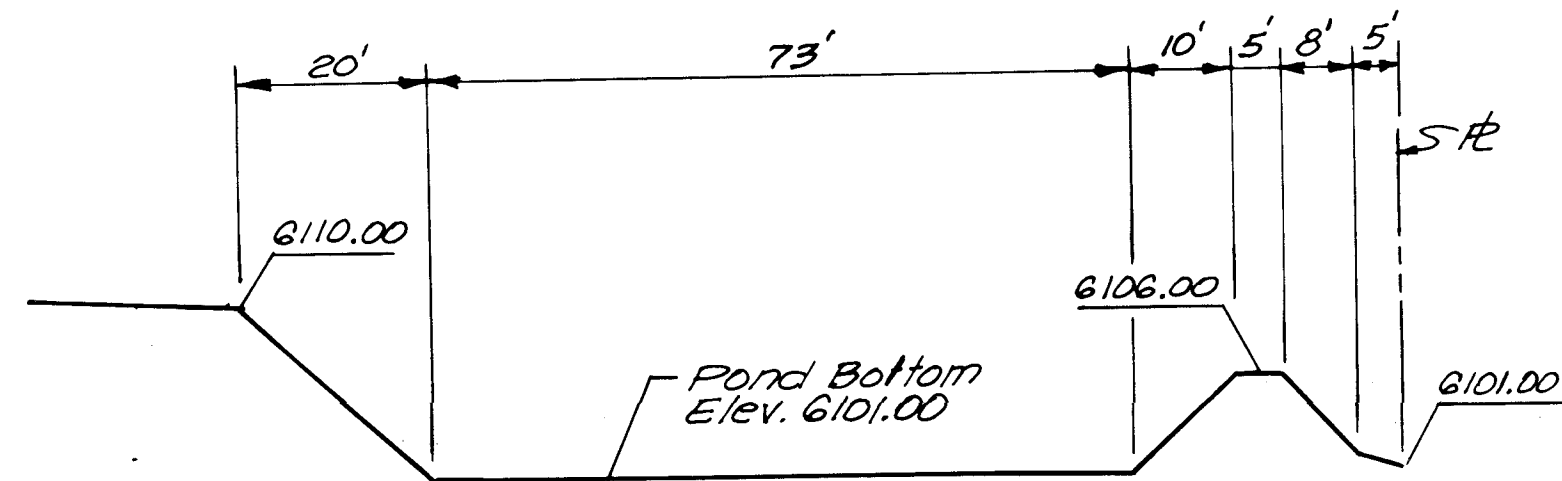
SECTION "B-B"

POND "A"

SCALES: 1" = 40' HORIZ.
1" = 10' VERT.



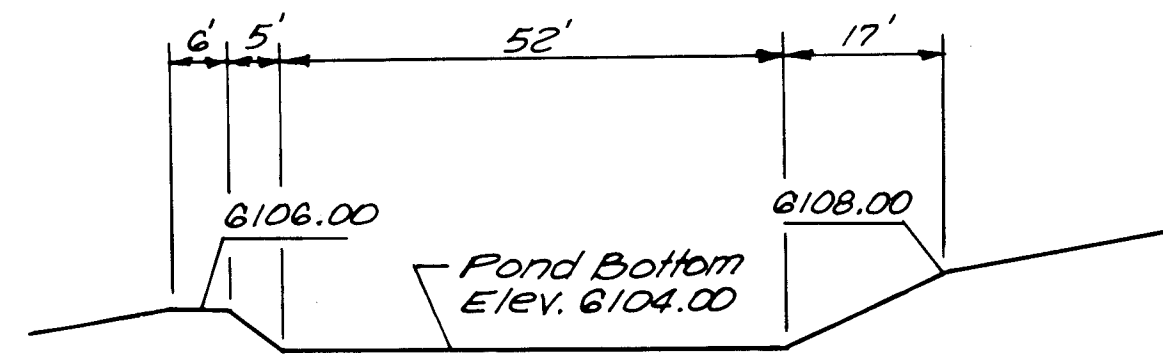
SECTION "A-A"



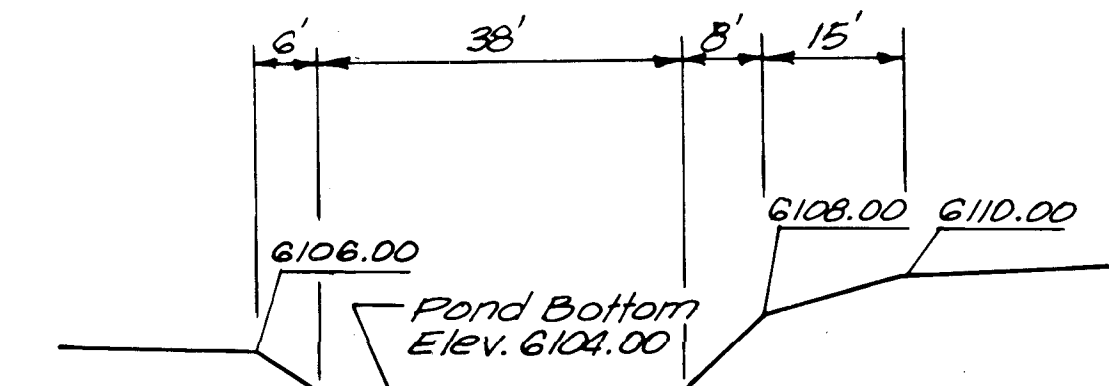
SECTION "B-B"

POND "B"

SCALES: 1" = 20' HORIZ.
1" = 10' VERT.



SECTION "A-A"



SECTION "B-B"

POND "C"

SCALES: 1" = 20' HORIZ.
1" = 10' VERT.

TRACT 9A @ HIGH DESERT
TEMPORARY DETENTION PONDS VOLUMES ALONG EAST BOUNDARY

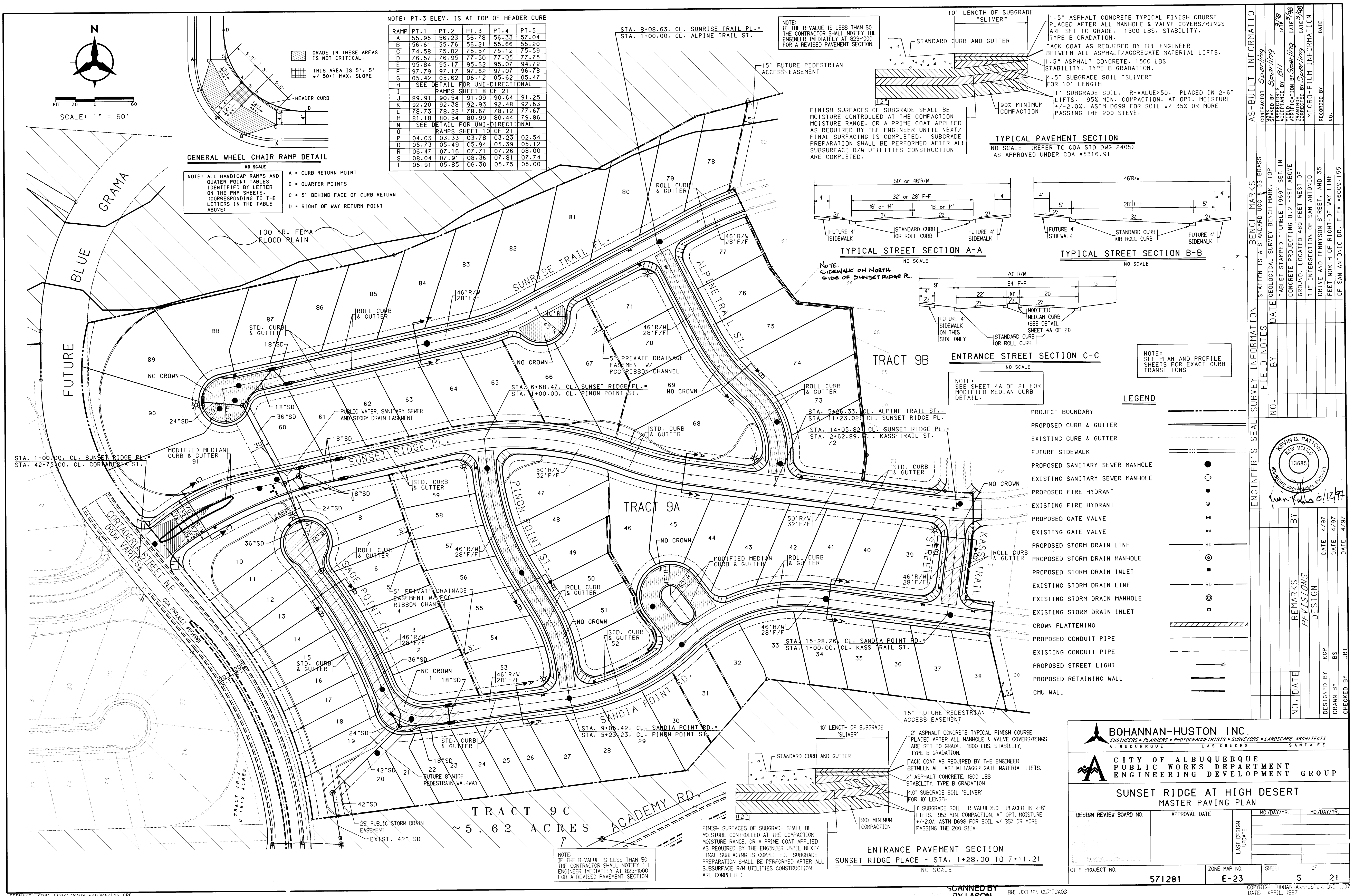
BASIN	AREA (ACRES)	% LAND TREATMENT*				EXCESS PRECIPITATION - (IN) 6-HR***				V(100-YR) UNDEVELOPED (ACRE-FT)
		A	B	C	D	A	B	C	D	
O1	8.97	100.00	0.00	0.00	0.00	0.80	1.08	1.46	2.64	0.50
O2	4.40	100.00	0.00	0.00	0.00	0.80	1.08	1.46	2.64	0.29
O3	1.22	100.00	0.00	0.00	0.00	0.80	1.08	1.46	2.64	0.08
O4	15.93	100.00	0.00	0.00	0.00	0.80	1.08	1.46	2.64	1.06
										2.03

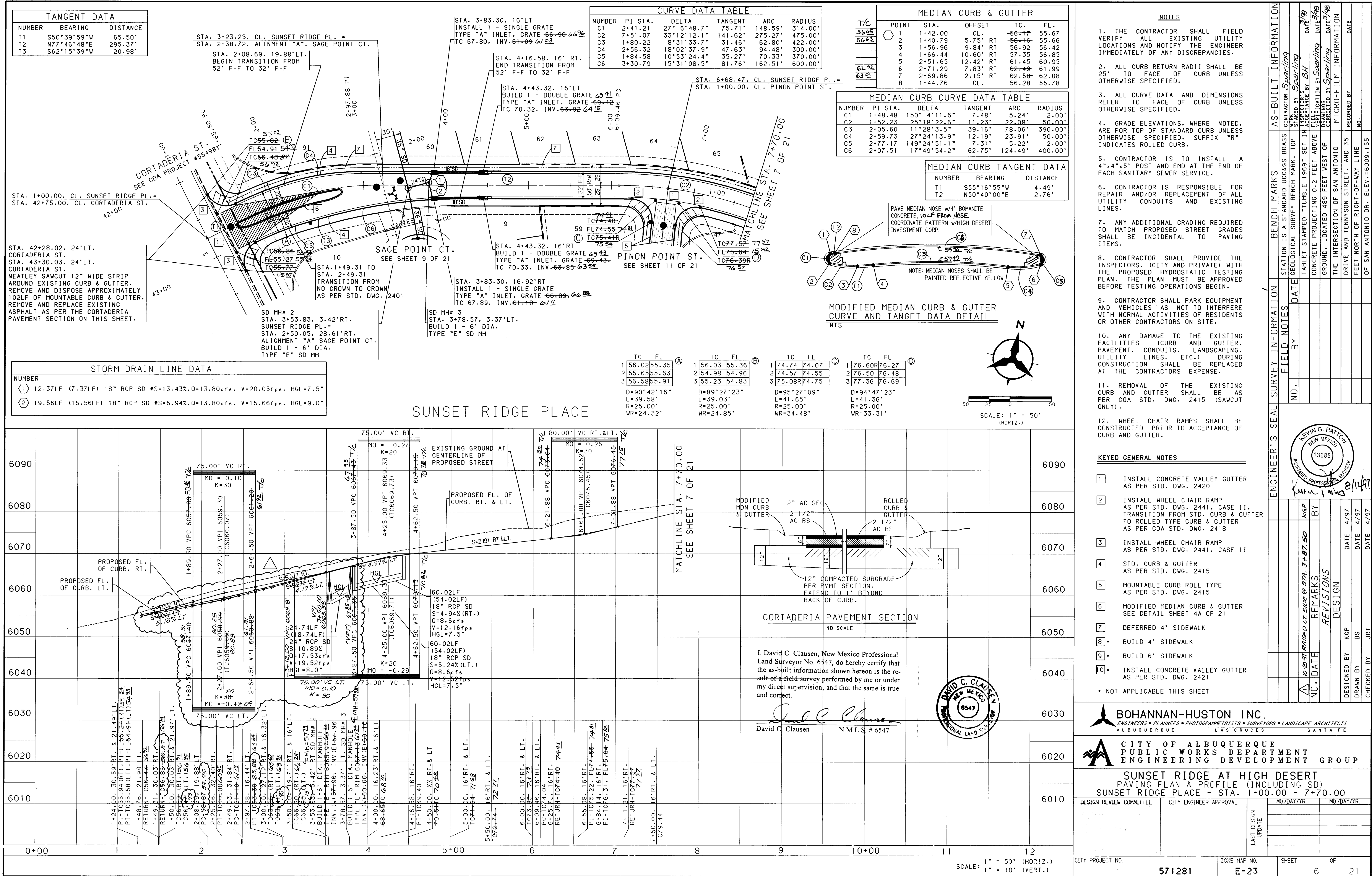
NOTES:
Obtained from Section 22.2, Hydrology of the Development Process Manual, Volume 2, Design Criteria for the City of Albuquerque, January, 1993
* Table A-4
** Table A-9
*** Table A-8
From Table A-5 in the COA DPM SECTION 22.2
Percent Treatment D - Impervious
No. of units 91
Acres 21.5
N = 4.23
% D = 43.76 use 48

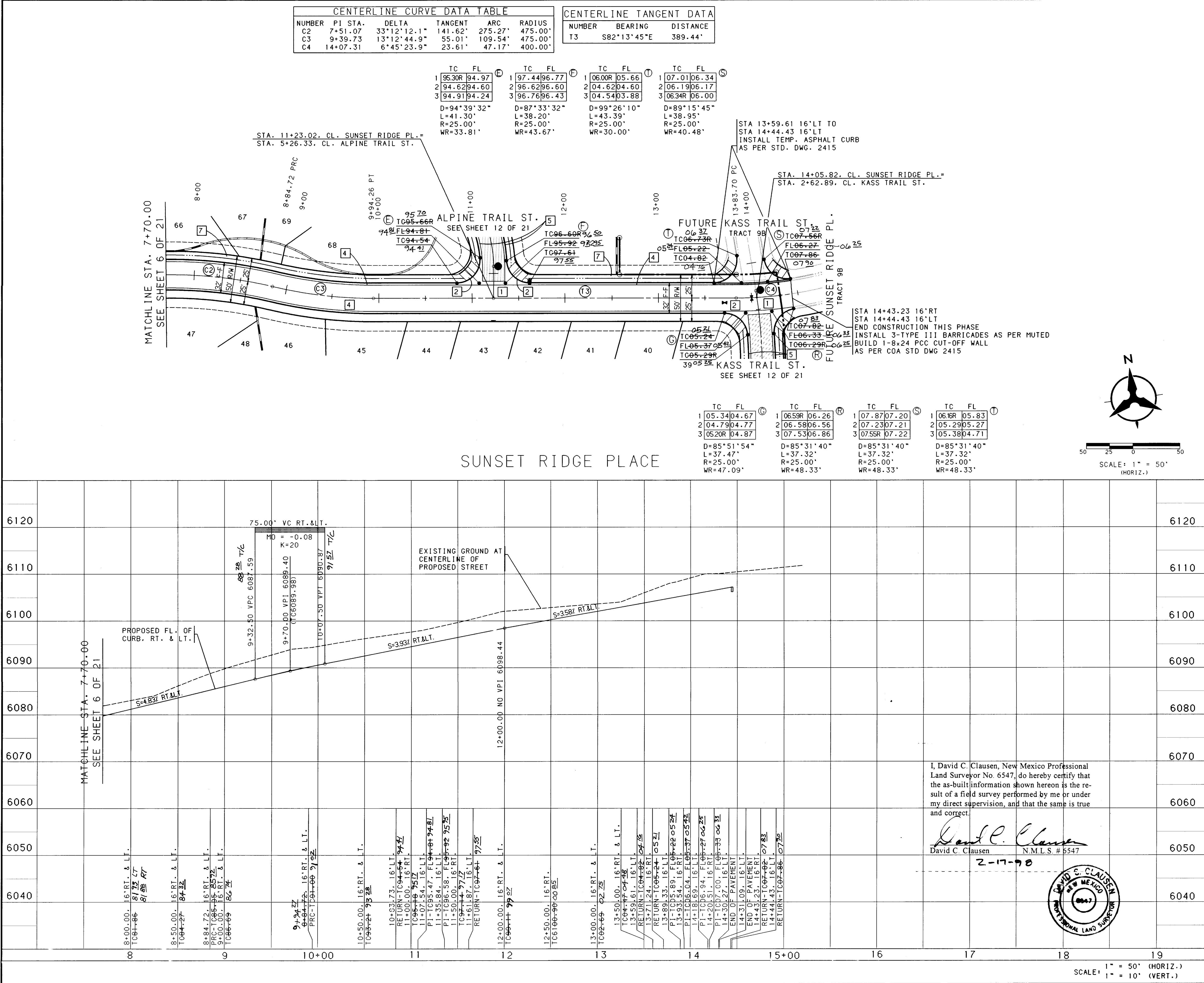
ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	DATE	BY	FIELD NOTES	STATION IS A STANDARD UCC&S BRASS	CONTRACTOR	WORKED BY	INSPECTOR'S
REMARKS	REVISIONS	DESIGN	DESIGNED BY	DRAWN BY	CHECKED BY	DATE	DATE
KGP/BS	BS	JRT	3/97	3/97	3/97	3/97	3/97

Melvin M. Zuniga
4/10/97

BOHANNAN-HUSTON INC. ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS ALBUQUERQUE LAS CRUCES SANTA FE			
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
SUNSET RIDGE - TRACT 9A POND DETAILS			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR	MO./DAY/YR
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
571281	E-23	48	21







NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED. SUFFIX "R" INDICATES ROLLED CURB.
- CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
- REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAMCUT ONLY).
- WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

KEYED GENERAL NOTES

- INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
- INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE II, TRANSITION FROM STD. CURB & GUTTER TO ROLLED TYPE CURB & GUTTER AS PER COA STD. DWG. 2418
- INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE II
- STD. CURB & GUTTER AS PER STD. DWG. 2415
- MOUNTABLE CURB ROLL TYPE AS PER STD. DWG. 2415
- MEDIAN CURB & GUTTER AS PER STD. DWG. 2415
- DEFERRED 4' SIDEWALK
- BUILD 4' SIDEWALK
- BUILD 6' SIDEWALK
- INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421

• NOT APPLICABLE THIS SHEET

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

SUNSET RIDGE AT HIGH DESERT
PAVING PLAN & PROFILE (INCLUDING SD)
SUNSET RIDGE PLACE STA. 7+70.00 - 14+50.00

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO/DAY/YR

LAST DESIGN UPDATE

NO.	DATE	REMARKS	BY

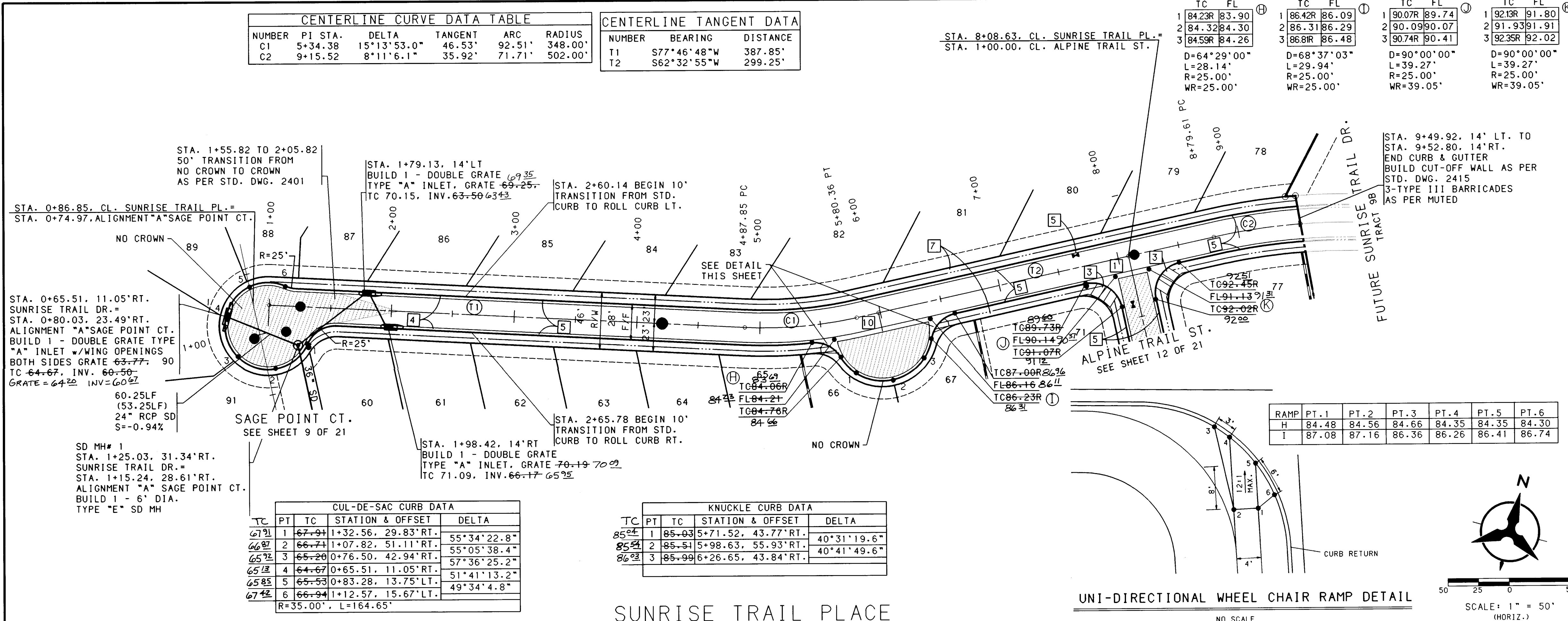
DESIGNED BY KGP DATE 4/97
DRAWN BY BS DATE 4/97
CHECKED BY JRT DATE 4/97

CITY PROJECT NO. 571281 ZONE MAP NO. E-23 SHEET 7 OF 21

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

BHI JOB NO. C97178A08

PLANNED BY
BY LASON



NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED. SUFFIX "R" INDICATES ROLLED CURB.
- CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
- REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
- WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

KEYED GENERAL NOTES

- INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
- INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE II, TRANSITION FROM STD. CURB & GUTTER TO ROLLED TYPE CURB & GUTTER AS PER COA STD. DWG. 2418
- INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE II
- STD. CURB & GUTTER AS PER STD. DWG. 2415
- MOUNTABLE CURB ROLL TYPE AS PER STD. DWG. 2415
- MEDIAN CURB & GUTTER AS PER STD. DWG. 2415
- DEFERRED 4' SIDEWALK
- BUILD 4' SIDEWALK
- BUILD 6' SIDEWALK
- INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421

* NOT APPLICABLE THIS SHEET

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

SUNSET RIDGE AT HIGH DESERT
PAVING PLAN & PROFILE
SUNRISE TRAIL PLACE

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

CITY PROJECT NO. 571281 ZONE MAP NO. E-23 SHEET 8 OF 21

DATE: APRIL, 1997

CENTERLINE CURVE DATA TABLE				
NUMBER	PI STA.	DELTA	TANGENT	ARC RADIUS
C1	4+73.28	18°49'2.8"	123.28'	244.35'
C2	6+52.25	75°20'24.1"	57.90'	98.62'

CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T2	N82°58'17"E	207.14'

NOTE:
THIS SECTION OF SUNRISE TRAIL DR.
IS SHOWN FOR STORM DRAIN PLAN AND
PROFILE PURPOSES ALONG ALIGNMENT "A"

CUL-DE-SAC CURB DATA			
PT	TC	STATION & OFFSET	DELTA
1	68-50	3+62.35, 15.74' RT.	51°32'56.4"
2	68-06	3+35.18, 16.67' RT.	31°42'00"
3	67-80	3+19.35, 5.94' RT.	64°04'15.6"
4	67-73	3+14.20, 30.83' LT.	49°17'45.6"
5	68-34	3+36.14, 50.09' LT.	53°36'36"
6	69-35	3+75.46, 39.95' LT.	20°31'58.8"
7	69-52	3+81.77, 29.33' LT.	

ALIGNMENT "A" TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	S27°27'05"E	325.00'

STORM DRAIN CURVE DATA TABLE				
NUMBER	PI STA.	DELTA	TANGENT	ARC RADIUS
C1	4+76.43	12°4'30.2"	79.54'	158.48'
			752.00'	

STORM DRAIN TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	S09°12'40"W	48.71'
T2	S84°29'45"E	60.25'
T3	S27°27'05"E	134.81'
T4	S22°52'36"E	145.08'
T5	N24°49'23"W	91.94'
T6	N05°55'35"E	19.75'
T7	S30°42'12"E	21.52'
T8	S85°43'06"W	75.46'
T9	N07°01'43"W	28.11'

- NOTES**
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 - ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 - ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 - GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED. SUFFIX "R" INDICATES ROLLED CURB.
 - CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
 - CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
 - ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
 - CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
 - CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
 - ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
 - REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
 - WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

- KEYED GENERAL NOTES**
- INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
 - INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE 11, TRANSITION FROM STD. CURB & GUTTER TO ROLLED TYPE CURB & GUTTER AS PER COA STD. DWG. 2418
 - INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE 11
 - STD. CURB & GUTTER AS PER STD. DWG. 2415
 - MOUNTABLE CURB ROLL TYPE AS PER STD. DWG. 2415
 - MEDIAN CURB & GUTTER AS PER STD. DWG. 2415
 - DEFERRED 4' SIDEWALK
 - BUILD 4' SIDEWALK
 - BUILD 6' SIDEWALK
 - INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421
- NOT APPLICABLE THIS SHEET

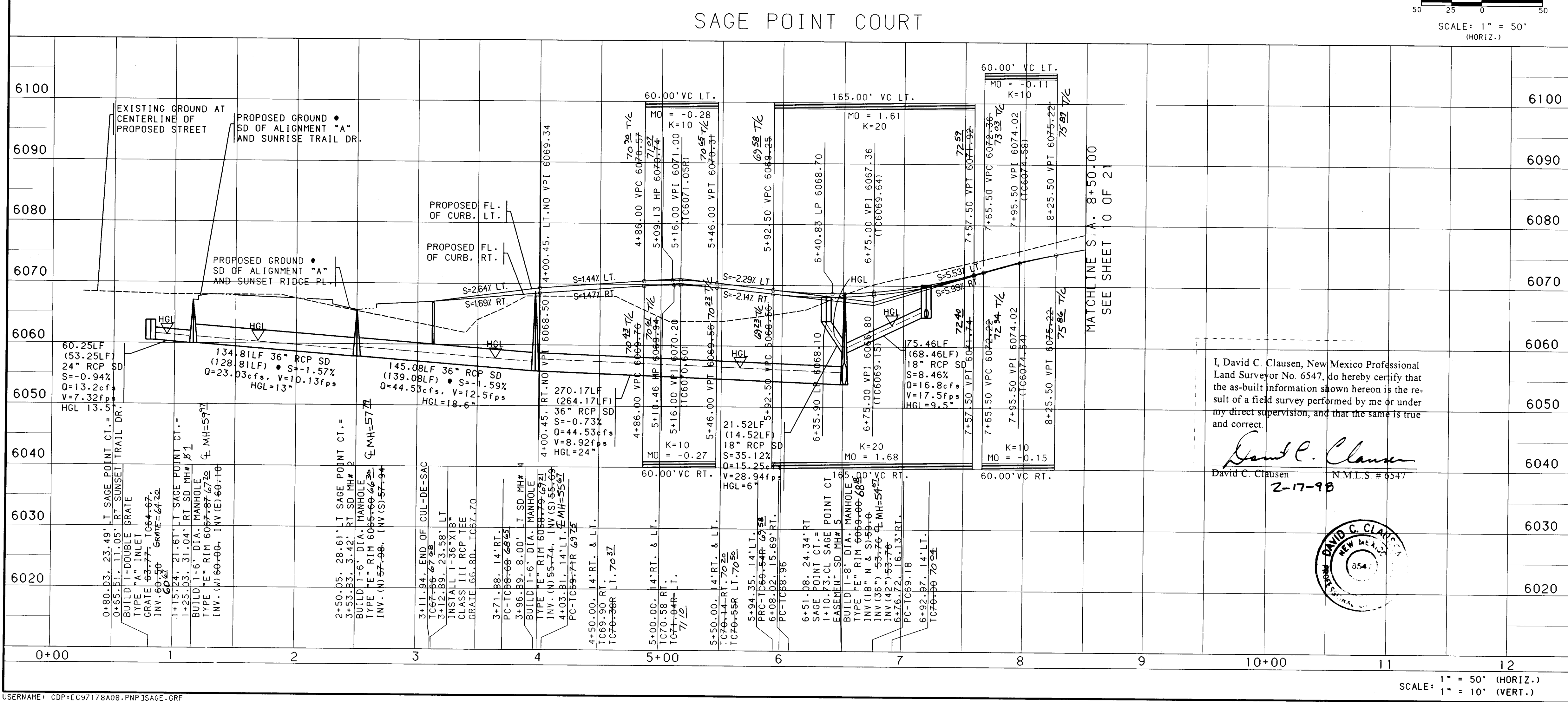
BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

SUNSET RIDGE AT HIGH DESERT
PAVING PLAN & PROFILE (INCLUDING SD)
SAGE POINT COURT

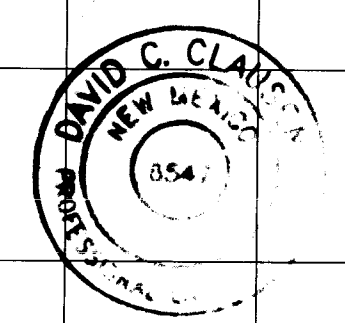
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO/DAY/YR	MO/DAY/YR

LAST DESIGN UPDATE	CITY PROJECT NO.	ZONE MAP NO.	SHEET OF
	571281	E-23	9 21



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
2-17-98



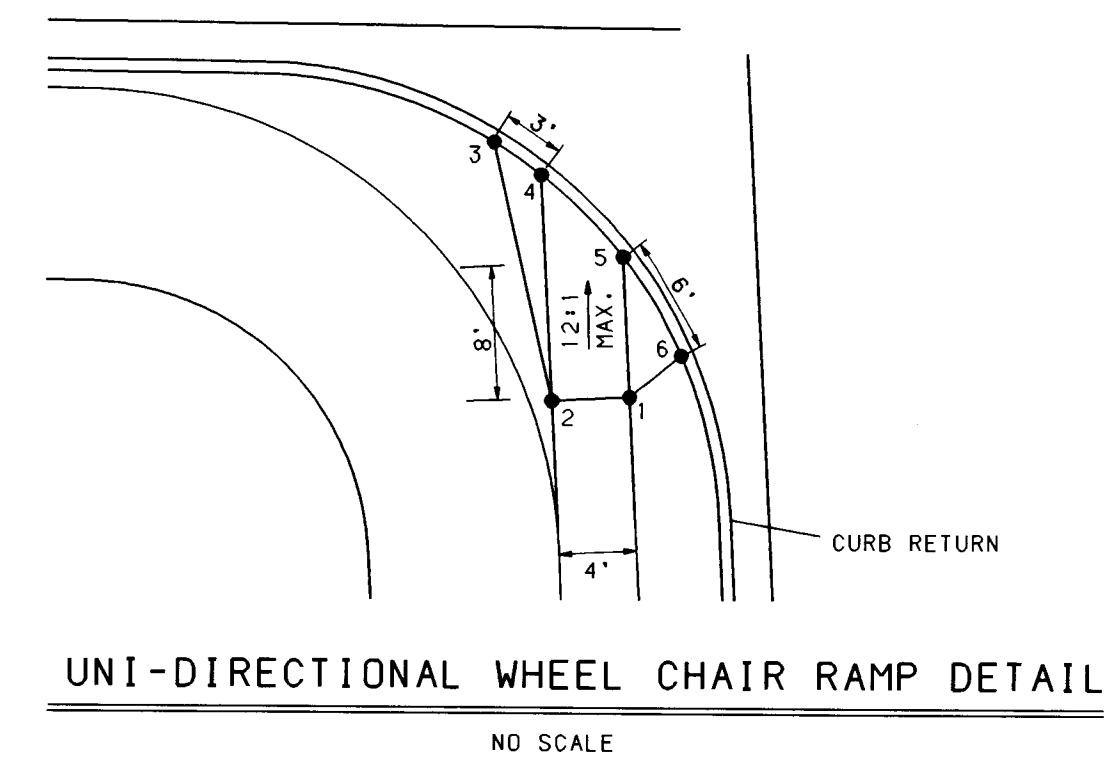
USERNAME: CDP:IC97178A08.PNP\SAGE-.GPF

SCANNED BY BH1 JOB NO. C97178A08
BY LARON

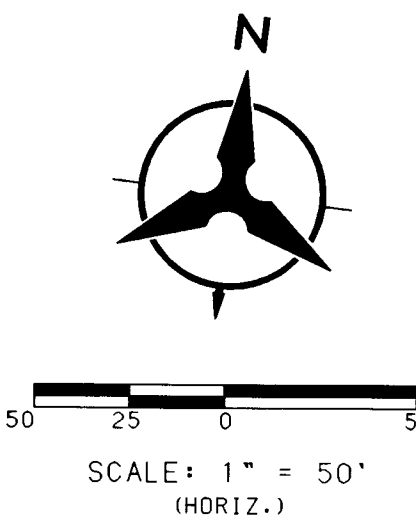
COPYRIGHT BOHANNAN-HUSTON, INC. 1997
DATE: APRIL, 1997

CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T2	N82°58'17"E	207.14'
T3	S82°13'45"E	268.58'
T4	S37°24'54.6"E	68.40'

KNUCKLE CURB DATA (LINE "A")				
PT	PT	TC	STATION & OFFSET	DELTA
90.56	1	90.52	1+21.96, 46.00' RT.	35°53'34.8"
20.23	2	91.62	1+40.05, 38.08' RT.	65°53'42"
91.58	3	91.54	0+85.59, 9.60' LT.	48°52'19.2"
92.32	4	92.10	1+08.51, 40.94' LT.	29°25'48"
92.55	5	92.67	1+31.60, 47.00' LT.	
R=47.00', L=145.65'				



RAMP	PT.1	PT.2	PT.3	PT.4	PT.5	PT.6
N	88.08	88.16	88.89	88.43	88.16	87.82
O	94.97	95.05	93.99	94.04	94.31	94.59



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. SUFFIX "R" INDICATES ROLLED CURB.
5. CONTRACTOR IS TO INSTALL A 4"x4"x.5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB 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.

KEYED GENERAL NOTES

1. INSTALL CONCRETE VALLEY GUTTER
AS PER STD. DWG. 2420
 2. INSTALL WHEEL CHAIR RAMP
AS PER STD. DWG. 2441, CASE 11,
TRANSITION FROM STD. CURB & GUTTER
TO ROLLED TYPE CURB & GUTTER
AS PER COA STD. DWG. 2418
 3. INSTALL WHEEL CHAIR RAMP
AS PER STD. DWG. 2441, CASE 11
 4. STD. CURB & GUTTER
AS PER STD. DWG. 2415
 5. MOUNTABLE CURB ROLL TYPE
AS PER STD. DWG. 2415
 6. MODIFIED MEDIAN CURB & GUTTER
SEE SHEET 4A OF 21 FOR DETAIL
 7. DEFERRED 4' SIDEWALK
 8. BUILD 4' SIDEWALK
 9. BUILD 6' SIDEWALK
 10. INSTALL CONCRETE VALLEY GUTTER
AS PER STD. DWG. 2421
- NOT APPLICABLE THIS SHEET



NO.		DATE	REMARKS	BY
<i>REVSIONS</i>				
DESIGN				
DESIGNED BY		KGP	DATE	4/97
DRAWN BY		BS	DATE	4/97
CHECKED BY		JS	DATE	4/97

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



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

SUNSET RIDGE AT HIGH DESERT
PAVING PLAN & PROFILE
SANDIA POINT ROAD

[illegible]

CITY PROJECT NO.	571281	ZONE MAP NO.	E-23	SHEET	10	OF	21
------------------	--------	--------------	------	-------	----	----	----

USERNAME: CDP:[C97178A08.PNP]SANDIA.GRF

SCANNED BY
BY LASON

COPYRIGHT BOHANNAN-HUSTON, INC. 1997
DATE: APRIL, 1997

Table with 5 columns: NUMBER, PI STA., DELTA, TANGENT, ARC, RADIUS. Rows C1, C2.

Table with 3 columns: NUMBER, BEARING, DISTANCE. Rows T1, T2, T3.

STA. 1+00.00, PINON POINT ST.=
STA. 6+68.47, CL. SUNSET RIDGE PL.

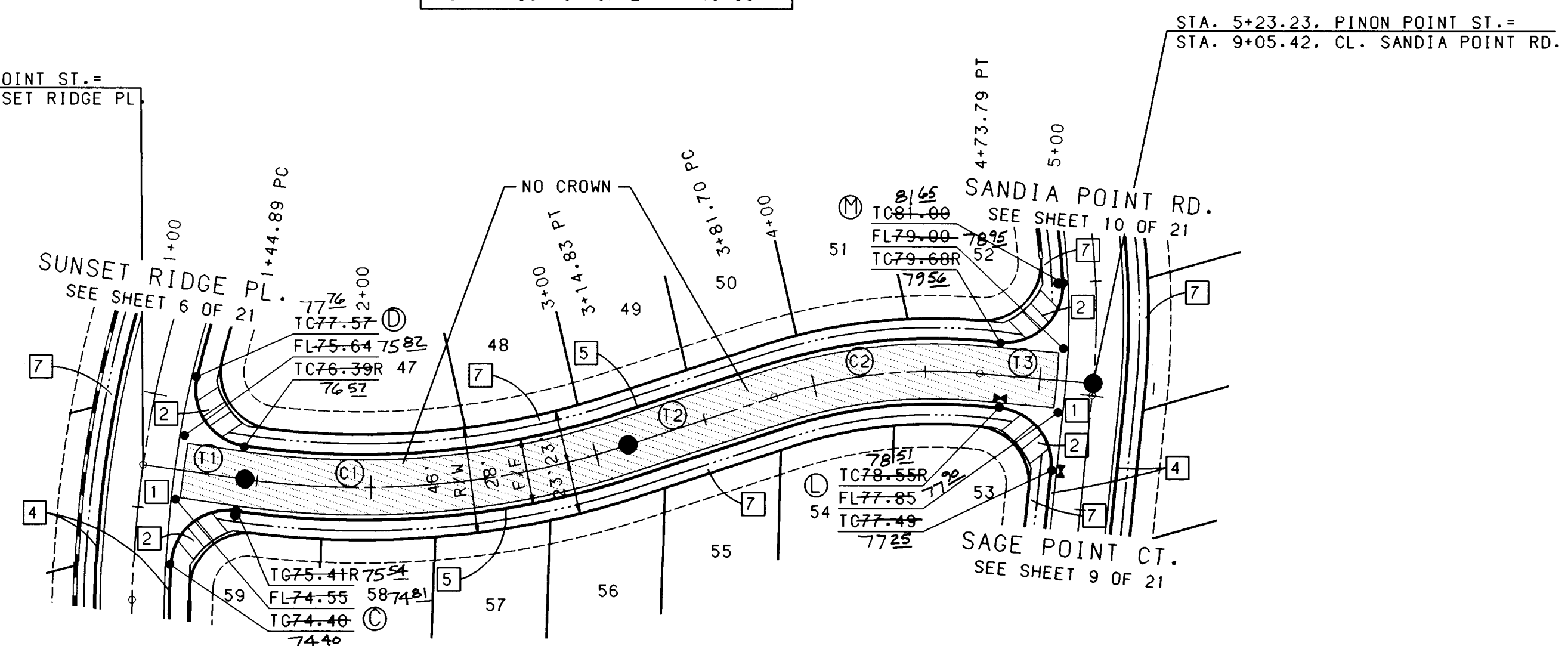


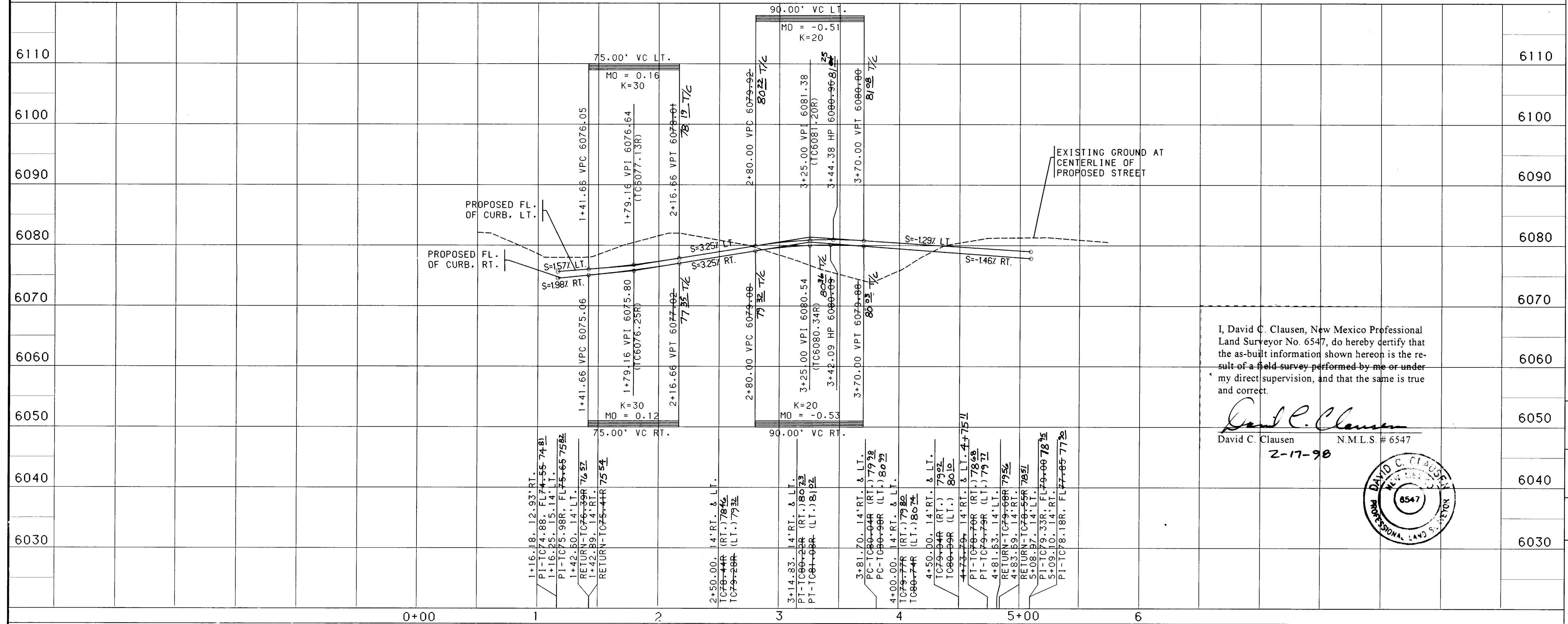
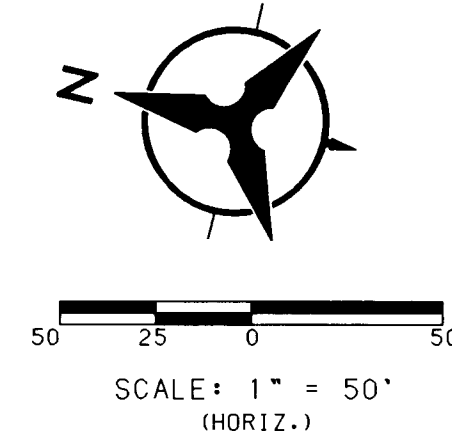
Table with 2 columns: TC, FL. Rows 1, 2, 3. Includes curve data: D=95°27'09", L=41.65', R=25.00', WR=34.48'.

Table with 2 columns: TC, FL. Rows 1, 2, 3. Includes curve data: D=94°47'23", L=41.36', R=25.00', WR=33.31'.

Table with 2 columns: TC, FL. Rows 1, 2, 3. Includes curve data: D=90°55'54", L=39.68', R=25.00', WR=35.56'.

Table with 2 columns: TC, FL. Rows 1, 2, 3. Includes curve data: D=97°46'58", L=42.67', R=25.00', WR=31.48'.

PINON POINT STREET



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 N.M.L.S. # 6547
2-17-98



- NOTES
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 2. ALL CURB RETURN RADIUS 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. SUFFIX "R" INDICATES ROLLED CURB.
 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.

KEYED GENERAL NOTES

1. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
 2. INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE II, TRANSITION FROM STD. CURB & GUTTER TO ROLLED TYPE CURB & GUTTER AS PER COA STD. DWG. 2418
 3. INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE II
 4. STD. CURB & GUTTER AS PER STD. DWG. 2415
 5. MOUNTABLE CURB ROLL TYPE AS PER STD. DWG. 2415
 6. MEDIAN CURB & GUTTER AS PER STD. DWG. 2415
 7. DEFERRED 4' SIDEWALK
 8. BUILD 4' SIDEWALK
 9. BUILD 6' SIDEWALK
 10. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421
- * NOT APPLICABLE THIS SHEET

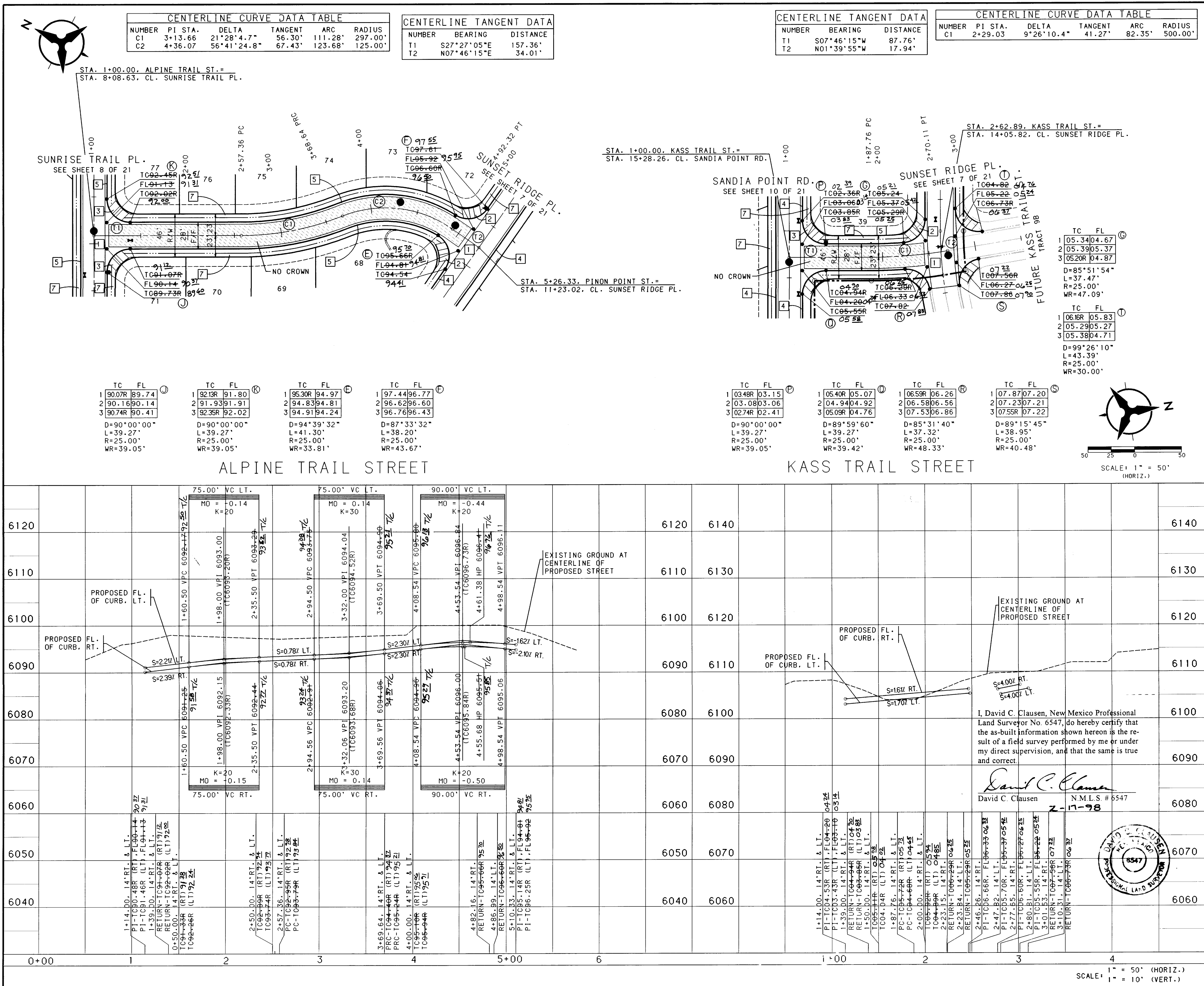
BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

SUNSET RIDGE AT HIGH DESERT
PAVING PLAN & PROFILE
PINON POINT STREET

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

CITY PROJECT NO. 571281 ZONE MAP NO. E-23 SHEET 11 OF 21



NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURB RETURN RADIUS SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED. SUFFIX "R" INDICATES ROLLED CURB.
- CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
- REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
- WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

KEYED GENERAL NOTES

- INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
- INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE II, TRANSITION FROM STD. CURB & GUTTER TO ROLLED TYPE CURB & GUTTER AS PER COA STD. DWG. 2418
- INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE II
- STD. CURB & GUTTER AS PER STD. DWG. 2415
- MOUNTABLE CURB ROLL TYPE AS PER STD. DWG. 2415
- MEDIAN CURB & GUTTER AS PER STD. DWG. 2415
- DEFERRED 4' SIDEWALK
- BUILD 4' SIDEWALK
- BUILD 6' SIDEWALK
- INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421

NOT APPLICABLE THIS SHEET

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

SUNSET RIDGE AT HIGH DESERT
PAVING PLAN & PROFILE
ALPINE TRAIL ST. / KASS TRAIL ST.

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

CITY PROJECT NO. 571281 ZONE MAP NO. E-23 SHEET 12 OF 21



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

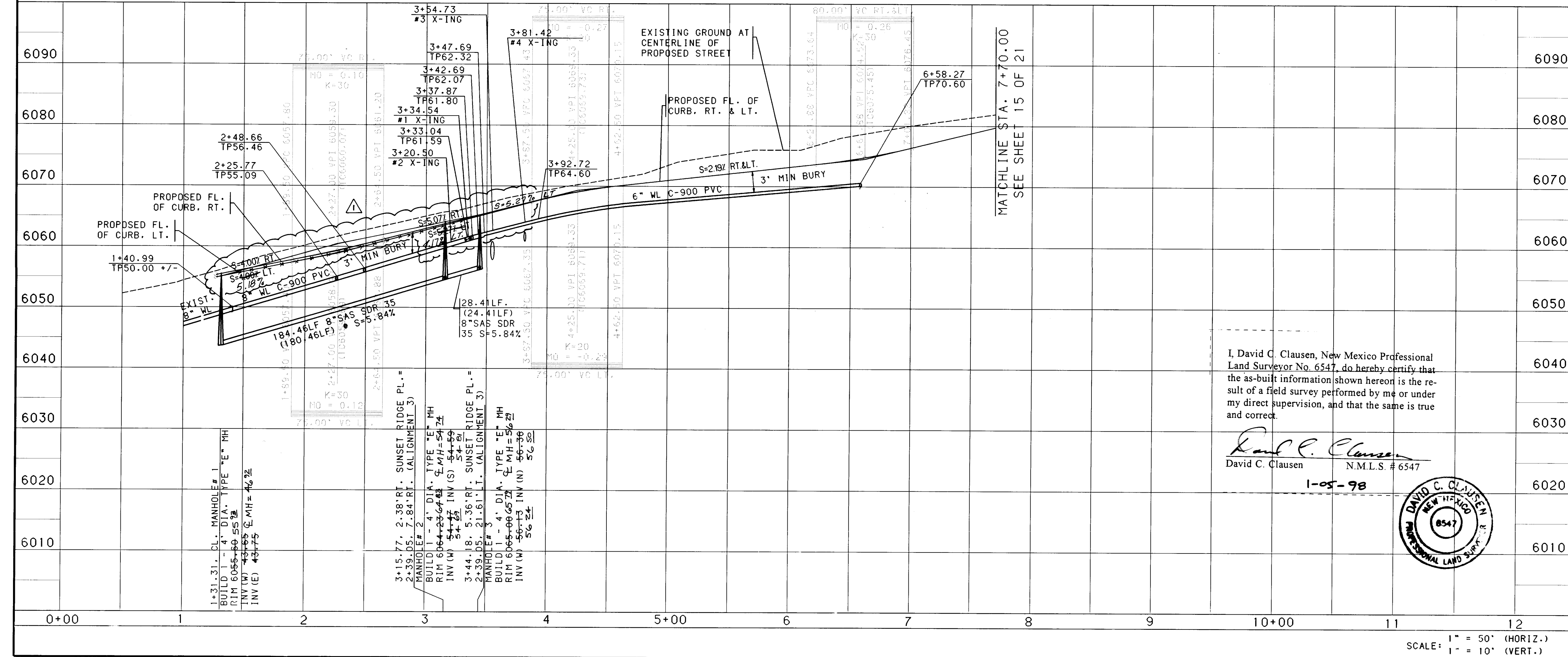
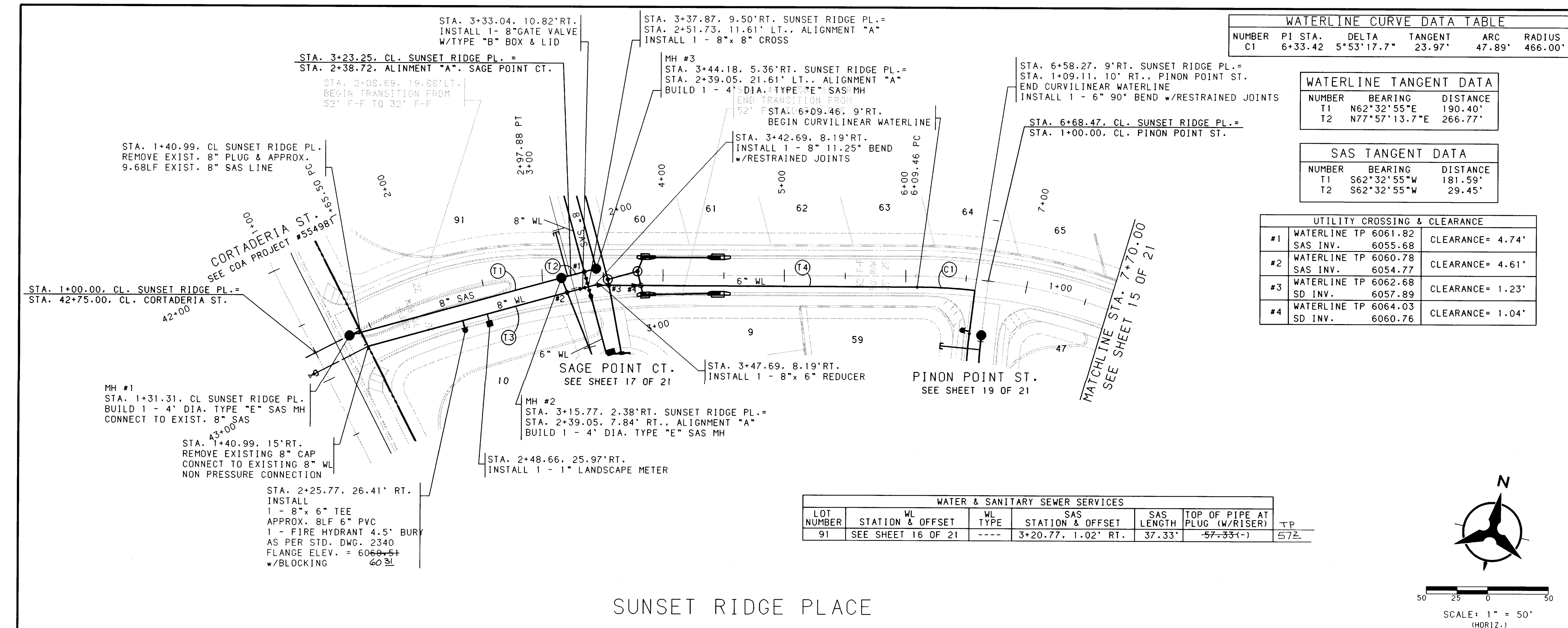
(SERVICE CONNECTION & INSTALLATION
TO CONFORM TO COA STD. DWG. 2134.
USE CI SOIL PIPE ONLY)

DESIGN REVIEW BOARD NO.		APPROVAL DATE		LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
CITY PROJECT NO.		ZONE MAP NO.	SHEET		OF	
571281		E-23	13		2	

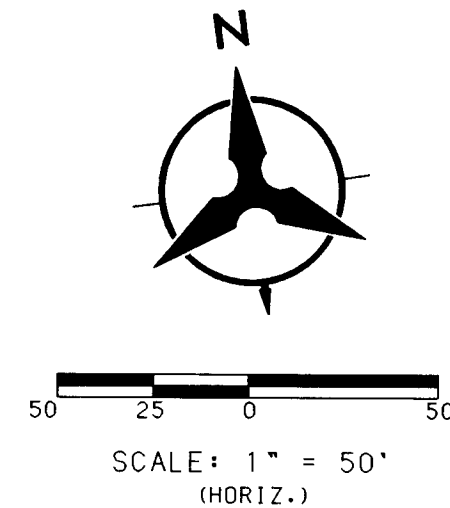
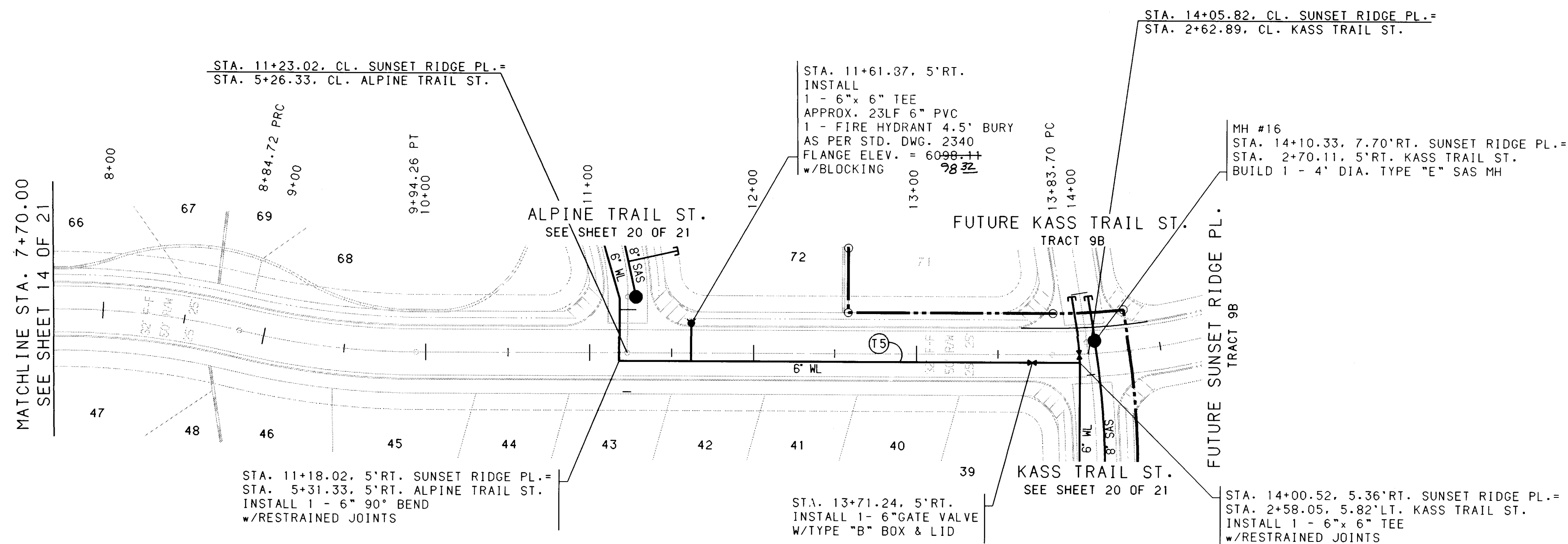
ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
		FIELD NOTES				CONTRACTOR <i>Sparling</i>	
		NO.	BY	DATE		SIGNED BY	DATE
						INSPECTOR'S	<i>Sparling</i>
						ACCEPTANCE BY	<i>BH</i>
						VERIFICATION BY	<i>Sparling</i> DATE <i>3/98</i>
						DRAWINGS	<i>Sparling</i> DATE <i>3/98</i>
						RECORDED BY	
						NO.	

KEVIN G. PATTON
NEW MEXICO
13685
REGISTERED PROFESSIONAL ENGINEER
4/97

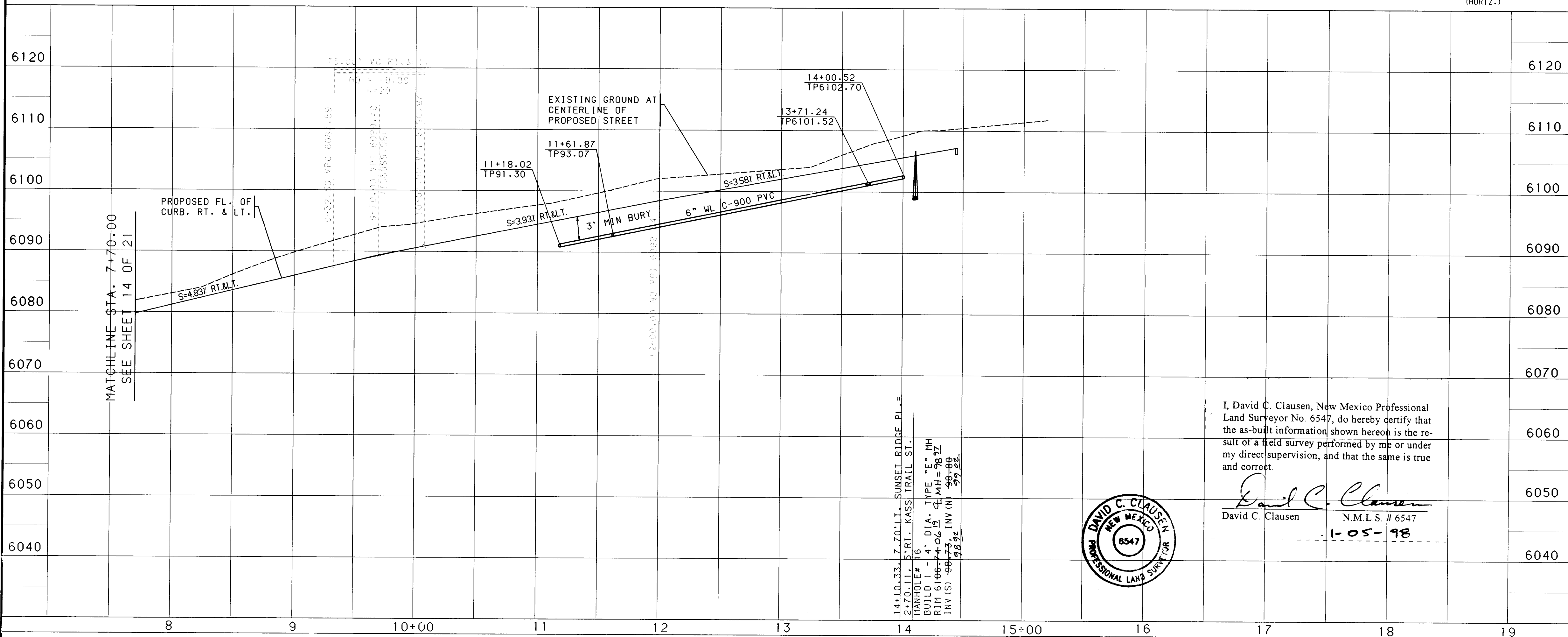
REVISIONS		DATE	4/97
DESIGN		DATE	4/97
DESIGNED BY	KGP	DATE	4/97
DRAWN BY	BS	DATE	4/97



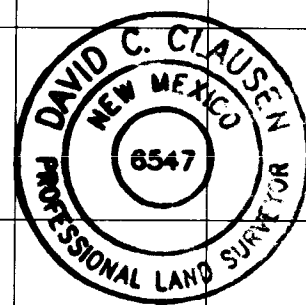
WATERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T3	S82°13'45"E	282.73'



SUNSET RIDGE 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
1-05-98

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. SUFFIX "R" INDICATES ROLLED CURB.
5. CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND END 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 CDA STD. DWG. 2415 (SAWCUT ONLY).
12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

RESTRAINED JOINT TABLE

MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS FROM EACH SIDE OF MJ LISTED (6") (8")	
11.25" H BEND	2'	3'
22.50" H BEND	4'	5'
45" H BEND	8'	11'
90" H BEND	20'	26'
GATE VALVE	55'	72'
BTRFLY VALVE	---	---
REDUCER (8"x6")	30'	30'

NOTE:

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

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

SUNSET RIDGE AT HIGH DESERT
UTILITY PLAN & PROFILE
SUNSET RIDGE PLACE STA. 7+70.00 - 14+50.00

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

CITY PROJECT NO. 571281 ZONE MAP NO. E-23 SHEET 15 OF 21

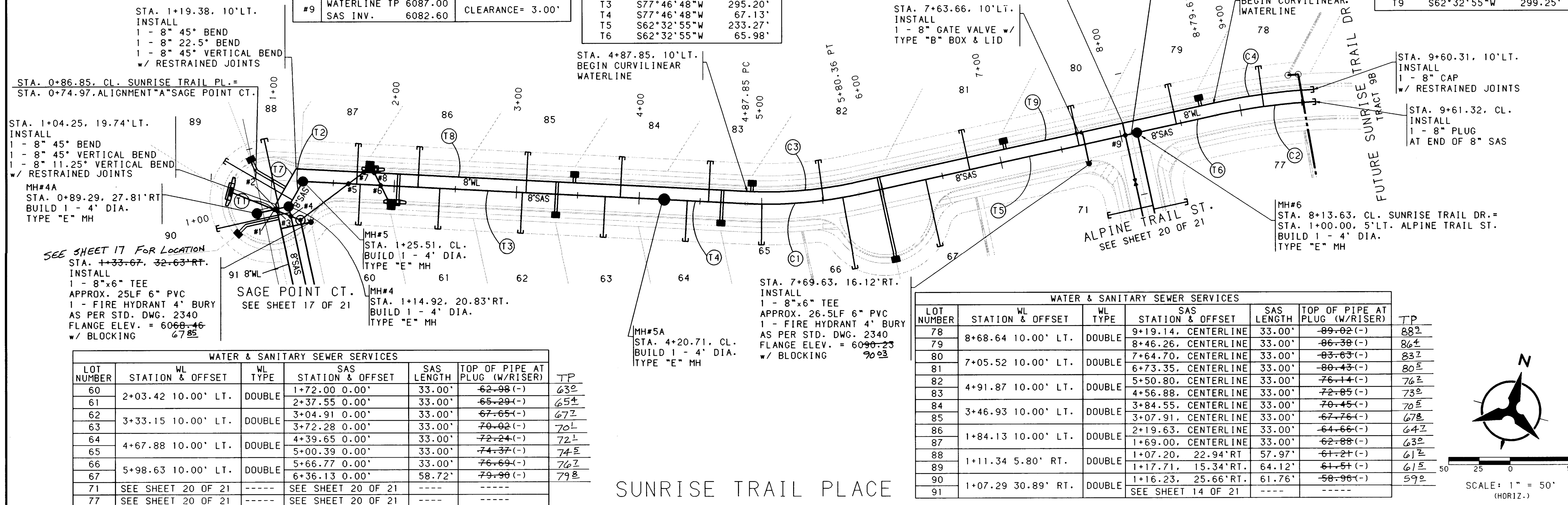
UTILITY CROSSING & CLEARANCE				UTILITY CROSSING & CLEARANCE			
#1	SD INV.	6060.20	CLEARANCE= 0.68'	#5	SD INV.	6062.53	CLEARANCE= 1.44'
#2	WATERLINE TP	6057.44	CLEARANCE= 1.32'	#6	SD INV.	6064.77	CLEARANCE= 2.77'
#3	WATERLINE TP	6057.49	CLEARANCE= 2.67'	#7	SD INV.	6063.33	CLEARANCE= 0.61'
#4	SD INV.	6060.18	CLEARANCE= 1.05'	#8	WATERLINE TP	6066.17	CLEARANCE= 0.74'
	SAS INV.	6058.32		#9	WATERLINE TP	6087.00	CLEARANCE= 3.00'

SAS CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	5+34.38	15°13'53.0"	46.53'	92.51'	348.00'
C2	9+20.55	9°19'34.9"	40.95'	81.71'	502.00'

SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	S62°32'55"W	26.56'
T2	S14°44'37"W	23.37'
T3	S77°46'48"W	295.20'
T4	S77°46'48"W	67.13'
T5	S62°32'55"W	233.27'
T6	S62°32'55"W	65.98'

WATERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C3	5+33.04	15°13'53.0"	45.19'	89.85'	338.00'
C4	9+20.85	9°12'39.9"	41.24'	82.31'	512.00'

WATERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T7	S14°44'37"W	33.36'
T8	S77°46'48"W	368.47'
T9	S62°32'55"W	299.25'



NOTES

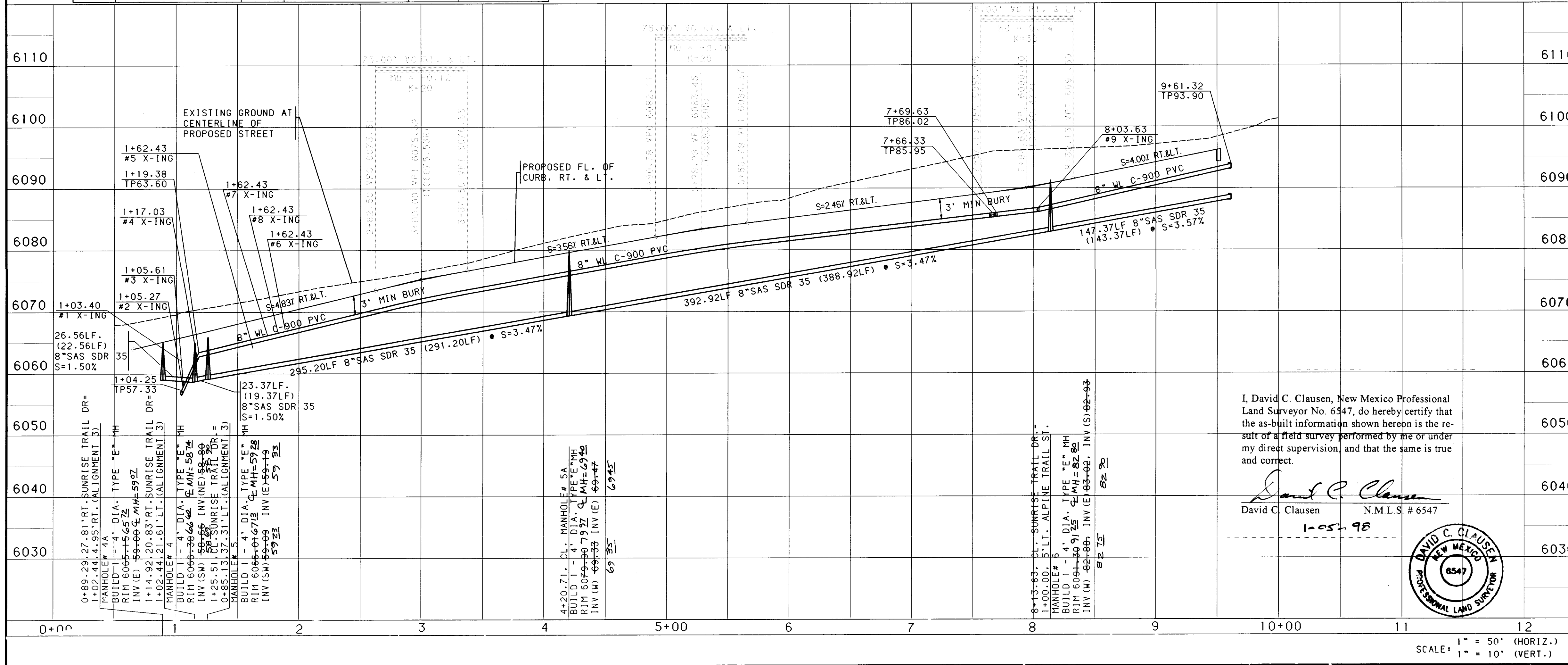
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURB RETURN RADI SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED. SUFFIX "R" INDICATES ROLLED CURB.
- CONTRACTOR IS TO INSTALL A 4"x4"x5" POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
- REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
- WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

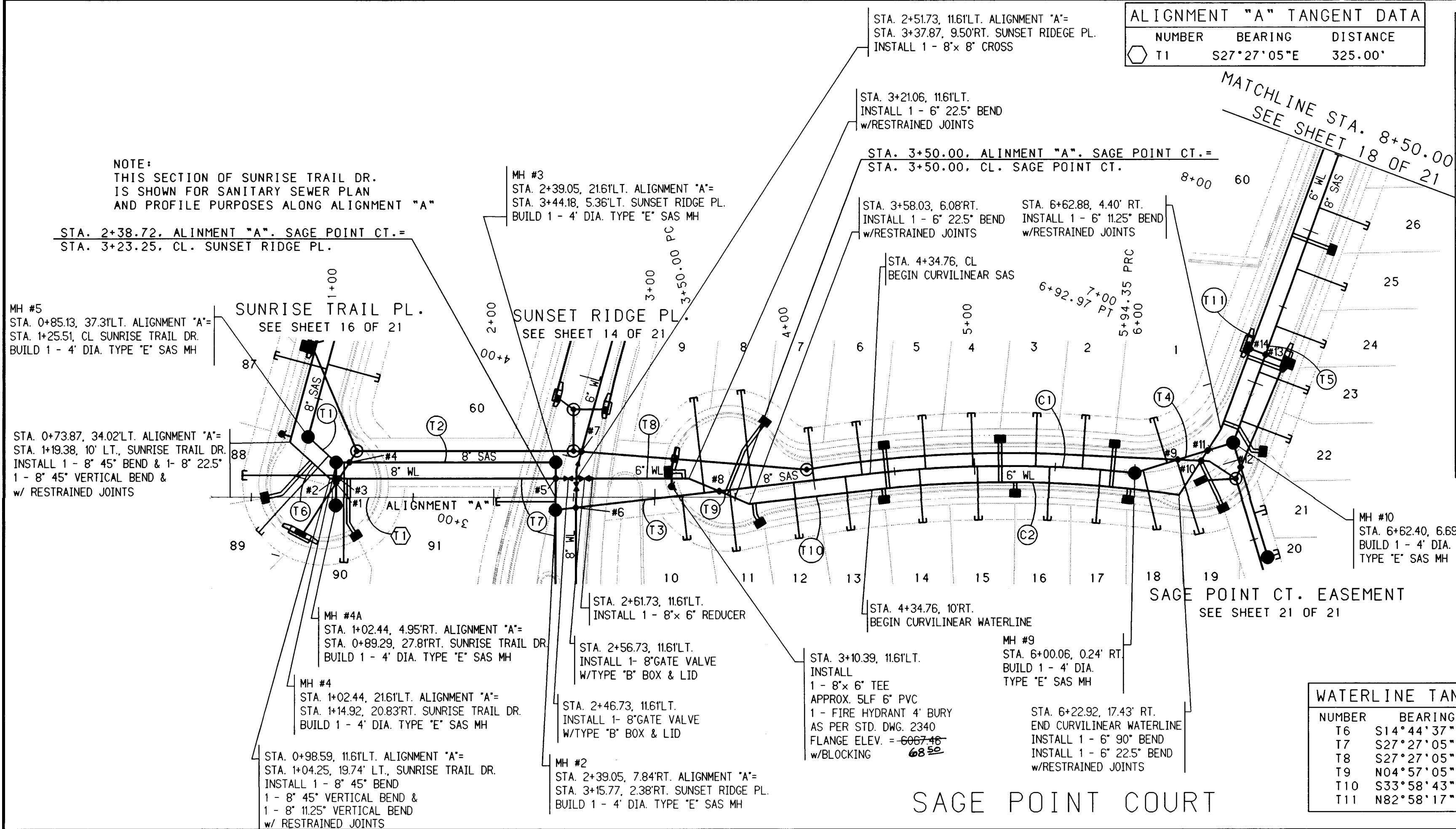
RESTRAINED JOINT TABLE

MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS FROM EACH SIDE OF MJ LISTED (6") (8")
11.25" H BEND	2' 3'
22.50" H BEND	4' 5'
45" H BEND	8' 11'
90" H BEND	20' 26'
GATE VALVE	55' 72'
BTRFLY VALVE	---
REDUCER (8"x6")	30' 30'

NOTE:

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





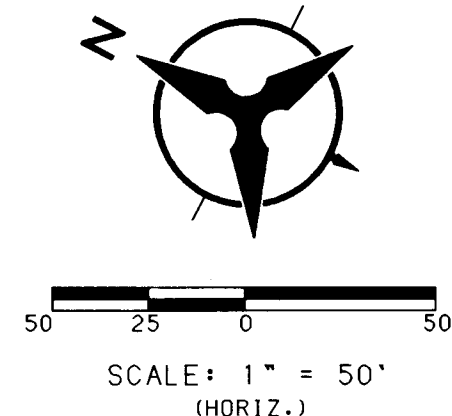
WATER & SANITARY SEWER SERVICES									
LOT NUMBER	STATION & OFFSET	W. TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG (W/RISE)	TP			
1	5+86.03 10.00' RT.	DOUBLE	6+21.29 3.59' RT.	29.06'	-00.00' (-)	632			
2	5+67.09 CL.	DOUBLE	5+67.09 CL.	33.00'	-02.44' (-)	623			
3	5+15.99 10.00' RT.	DOUBLE	5+37.91 CL.	33.00'	-01.94' (-)	622			
4	4+98.94 CL.	DOUBLE	4+98.94 CL.	33.00'	-01.28' (-)	611			
5	4+45.17 10.00' RT.	DOUBLE	4+69.43 CL.	33.00'	-00.78' (-)	608			
6	4+29.85 0.02' LT.	DOUBLE	4+00.26 0.80' LT.	32.98'	-00.78' (1')	607			
7	3+43.40 2.43' LT.	DOUBLE	3+61.51 3.62' LT.	32.58'	-00.95' (2')	612			
8	3+17.92 11.61' LT.	DOUBLE	3+30.73 2.65' LT.	59.12'	-02.62' (5')	623			
9	3+17.06 1.09' LT.	DOUBLE	3+17.06 1.09' LT.	27.43'	-08.01' (-)	581			
10	3+61.06 6.38' RT.	DOUBLE	3+30.73 2.65' LT.	37.93'	-08.03' (-)	588			
11	4+22.05 10.00' RT.	DOUBLE	3+87.54 1.50' LT.	34.57'	-09.42' (-)	591			
12	4+42.05 10.00' RT.	DOUBLE	3+46.84 4.49' LT.	37.93'	-08.03' (-)	588			
13	5+25.26 10.00' RT.	DOUBLE	4+19.54 0.16' LT.	33.16'	-09.93' (-)	602			
14	5+97.18 10.07' RT.	DOUBLE	4+65.50 CL.	33.00'	-00.71' (-)	602			
15	6+34.12 16.86' RT.	DOUBLE	5+01.80 CL.	33.00'	-01.33' (-)	613			
16	6+57.94 2.20' LT.	DOUBLE	4+65.50 CL.	33.00'	-00.71' (-)	602			
17	7+13.64 10.00' LT.	DOUBLE	4+65.50 CL.	33.00'	-00.71' (-)	602			
18	7+93.86 10.00' LT.	DOUBLE	4+65.50 CL.	33.00'	-00.71' (-)	602			
19	7+93.86 10.00' LT.	DOUBLE	4+65.50 CL.	33.00'	-00.71' (-)	602			
20	7+93.86 10.00' LT.	DOUBLE	4+65.50 CL.	33.00'	-00.71' (-)	602			
21	7+93.86 10.00' LT.	DOUBLE	4+65.50 CL.	33.00'	-00.71' (-)	602			
22	7+93.86 10.00' LT.	DOUBLE	4+65.50 CL.	33.00'	-00.71' (-)	602			
23	7+93.86 10.00' LT.	DOUBLE	4+65.50 CL.	33.00'	-00.71' (-)	602			
24	7+93.86 10.00' LT.	DOUBLE	4+65.50 CL.	33.00'	-00.71' (-)	602			
25	7+93.86 10.00' LT.	DOUBLE	4+65.50 CL.	33.00'	-00.71' (-)	602			
26	7+93.86 10.00' LT.	DOUBLE	4+65.50 CL.	33.00'	-00.71' (-)	602			

SAS CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	5+17.76	12°43'49"	83.00'	165.31'	744.00'

WATERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C2	5+31.32	14°48'24.6"	96.46'	191.82'	734.00'

WATERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T6	S14°44'37"W	33.36'
T7	S27°27'05"E	153.15'
T8	S27°27'05"E	69.33'
T9	N04°57'05"W	41.22'
T10	S33°58'43"E	75.97'
T11	N82°58'17"E	234.71'

SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	S14°44'37"E	23.37'
T2	S27°27'05"E	136.61'
T3	S33°58'43"E	195.70'
T4	S44°32'15"E	63.63'
T5	N82°58'17"E	239.52'



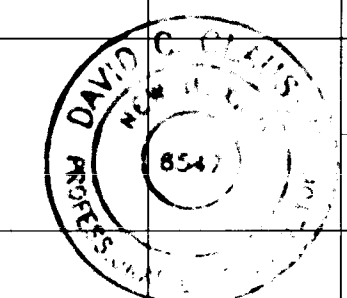
- NOTES**
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 2. ALL CURB RETURN RADI SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED. SUFFIX "R" INDICATES ROLLED CURB.
 5. CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND END 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, PAYMENT, 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.

RESTRAINED JOINT TABLE		
MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS FROM EACH SIDE OF MJ LISTED (6") (8")	
11.25" H BEND	2'	3'
22.50" H BEND	4'	5'
45" H BEND	8'	11'
90" H BEND	20'	26'
GATE VALVE	55'	72'
BIRFLY VALVE	---	---
REDUCER (8"x6")	30'	30'

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

I, David C. Clausen, New Mexico Professional Land Surveyor No. 6347, 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
N.M.L.S. # 6347



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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

SUNSET RIDGE AT HIGH DESERT
UTILITY PLAN & PROFILE
SAGE POINT COURT

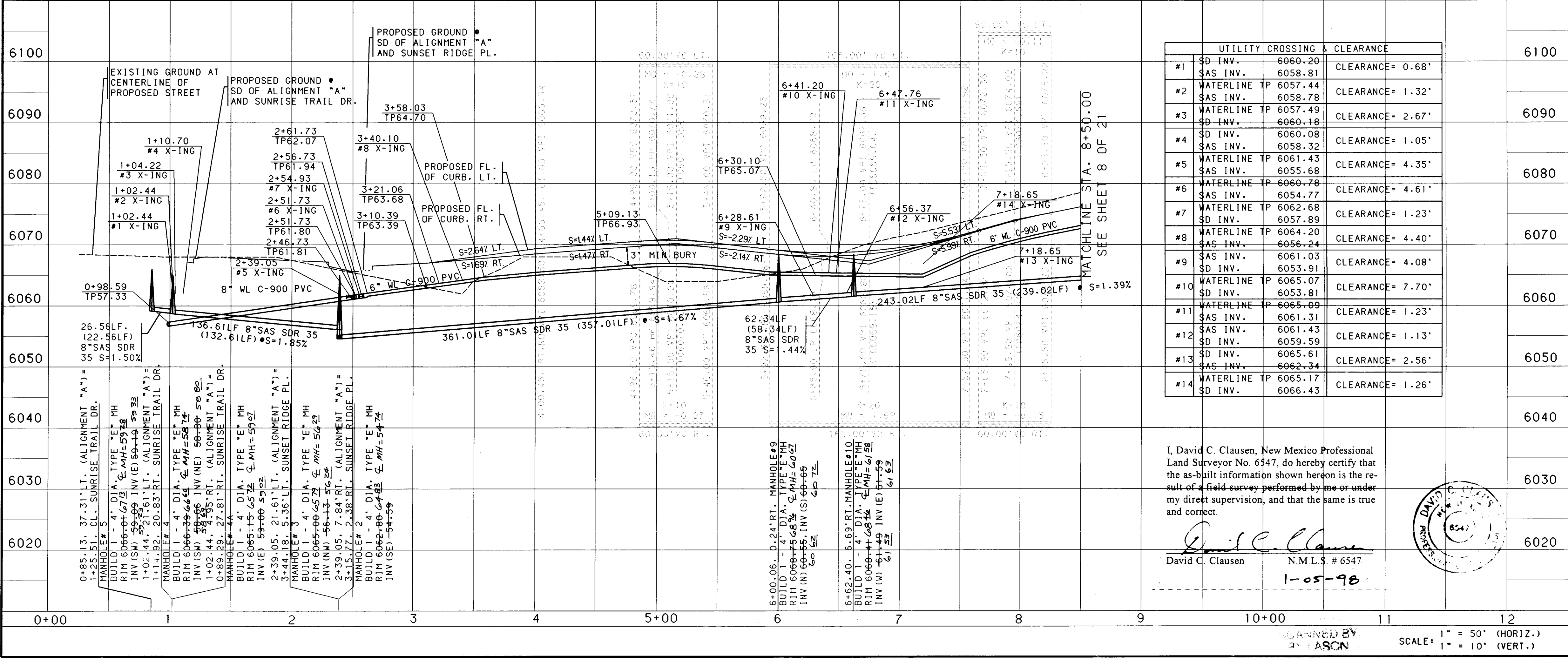
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO/DAY/YR.	MO/DAY/YR.

LAST DESIGN UPDATE

CITY PROJECT NO. 571281

ZONE MAP NO. E-23

SHEET 17 OF 21



SAS CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C2	10+07.01	36°12'21.6"	106.90'	206.64'	327.00'
C3	12+27.24	49°46'07.3"	127.56'	238.87'	275.00'

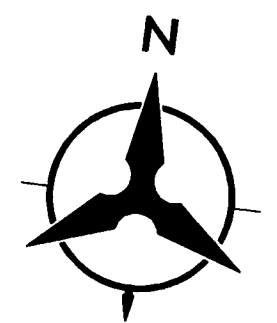
SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T5	N82°58'17"E	239.52'
T6	S82°13'45"E	193.04'
T7	S82°13'45"E	72.84'
T8	S37°24'54"E	73.67'

WATERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C5	10+03.74	36°12'21.6"	103.63'	200.32'	317.00'
C6	12+29.82	51°0'19.7"	123.07'	229.68'	258.00'

WATERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T11	N82°58'17"E	234.71'
T12	N82°58'17"E	5.33'
T13	S82°13'45"E	190.05'
T14	S82°13'45"E	88.53'

WATER & SANITARY SEWER SERVICES					
LOT NUMBER	STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG (W/RISER)
27	8+89.78 10.00' LT.	DOUBLE	8+66.40 CENTERLINE	33.00'	-67.42(1')
28			9+28.65 CENTERLINE	33.00'	-69.77(1')
29	10+11.46 10.00' LT.	DOUBLE	9+83.14 CENTERLINE	33.00'	-73.04(-)
30			10+36.40 CENTERLINE	33.00'	-76.84(-)
31	11+22.32 10.00' LT.	DOUBLE	10+90.04 CENTERLINE	33.00'	-80.76(-)
32			11+60.50 2.11' RT.	30.89'	-84.78(-)
33	12+89.73 10.00' LT.	DOUBLE	12+45.74 2.67' RT.	30.32'	-87.84(-)
34			13+21.61 0.55' RT.	32.44'	-90.64(-)
35	14+14.95 10.00' LT.	DOUBLE	13+82.98 CENTERLINE	33.00'	-94.49(-)
36			14+44.25 CENTERLINE	33.00'	-98.79(-)
37	15+42.49 10.00' LT.	DOUBLE	15+05.52 CENTERLINE	33.00'	-96.46(-)
38			15+66.80 CENTERLINE	33.00'	-98.79(-)
39	14+11.86 10.00' LT.	DOUBLE	14+50.30 CENTERLINE	33.00'	-94.00(-)
40			13+88.07 CENTERLINE	33.00'	-91.40(-)
41	12+94.87 10.00' LT.	DOUBLE	13+28.26 0.25' RT.	33.26'	-96.46(-)
42			12+65.85 2.35' RT.	35.35'	-88.72(-)
43	1+65.30 5' RT. "A"	DOUBLE	12+09.27 2.81' RT.	35.82'	-86.69(-)
44			1+38.25 32.18' RT "A"	94.08'	-83.93(-)
45			1+28.25 32.18' RT "A"	86.57'	-83.63(-)
46	1+00.60 5' RT. "A"	DOUBLE	1+28.25 32.18' RT "A"	49.65'	-82.72(-)

UTILITY CROSSING & CLEARANCE		
#	WATERLINE TP	CLEARANCE
#1	WATERLINE TP 6075.36 SAS INV. 6065.12	CLEARANCE = 9.01'
#2	WATERLINE TP 6086.10 SAS INV. 6078.99	CLEARANCE = 5.88'
#3	WATERLINE TP 6100.69 SAS INV. 6096.04	CLEARANCE = 3.42'



- 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. SUFFIX "R" INDICATES ROLLED CURB.
 5. CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND END 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.

RESTRAINED JOINT TABLE		
MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS FROM EACH SIDE OF MJ LISTED (6") (8")	
11.25" H BEND	2'	3'
22.50" H BEND	4'	5'
45" H BEND	8'	11'
90" H BEND	20'	26'
GATE VALVE	55'	72'
BTRFLY VALVE	---	---
REDUCER (8"x6")	30'	30'

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

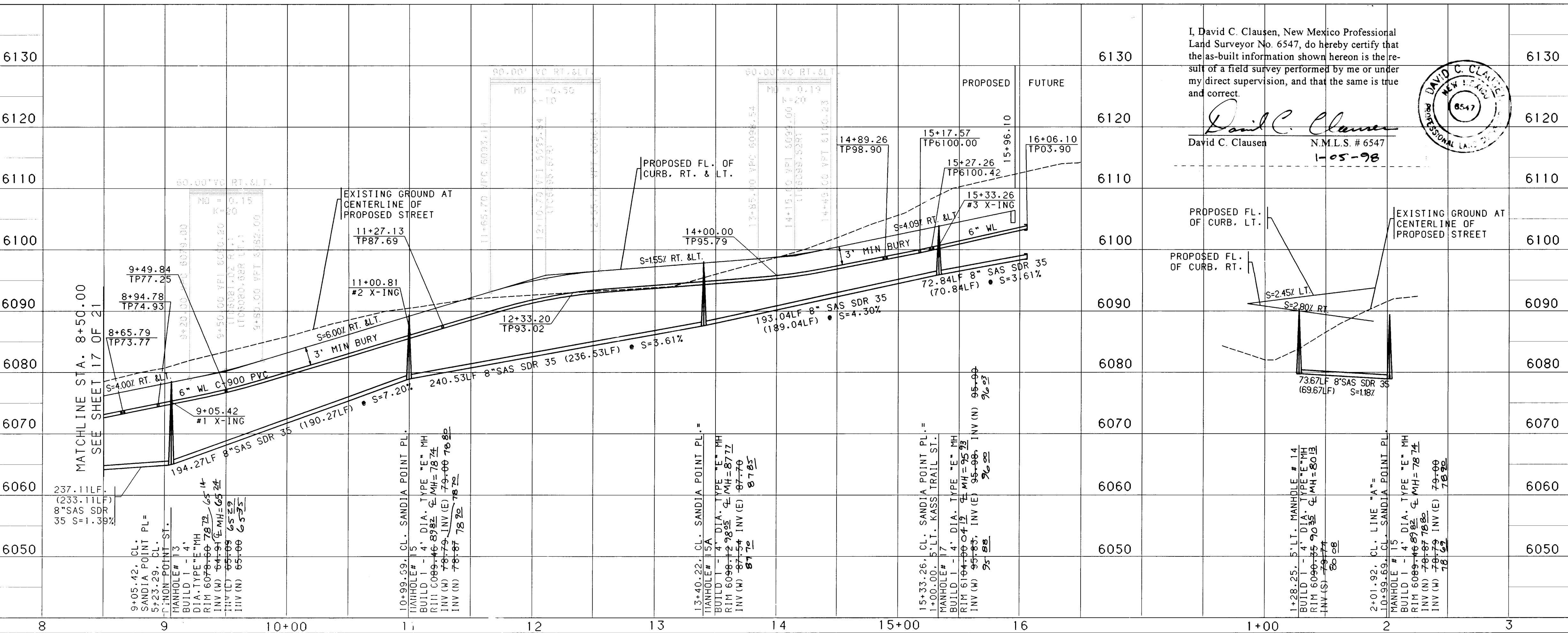
BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

SUNSET RIDGE AT HIGH DESERT
UTILITY PLAN & PROFILE
SANDIA POINT ROAD

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
571281	E-23	18	21



USERNAME: CDP\LC97178A08.PWP\SANDIA.DWG

SCANNED BY: JASON BHI JOB NO. C97178A08

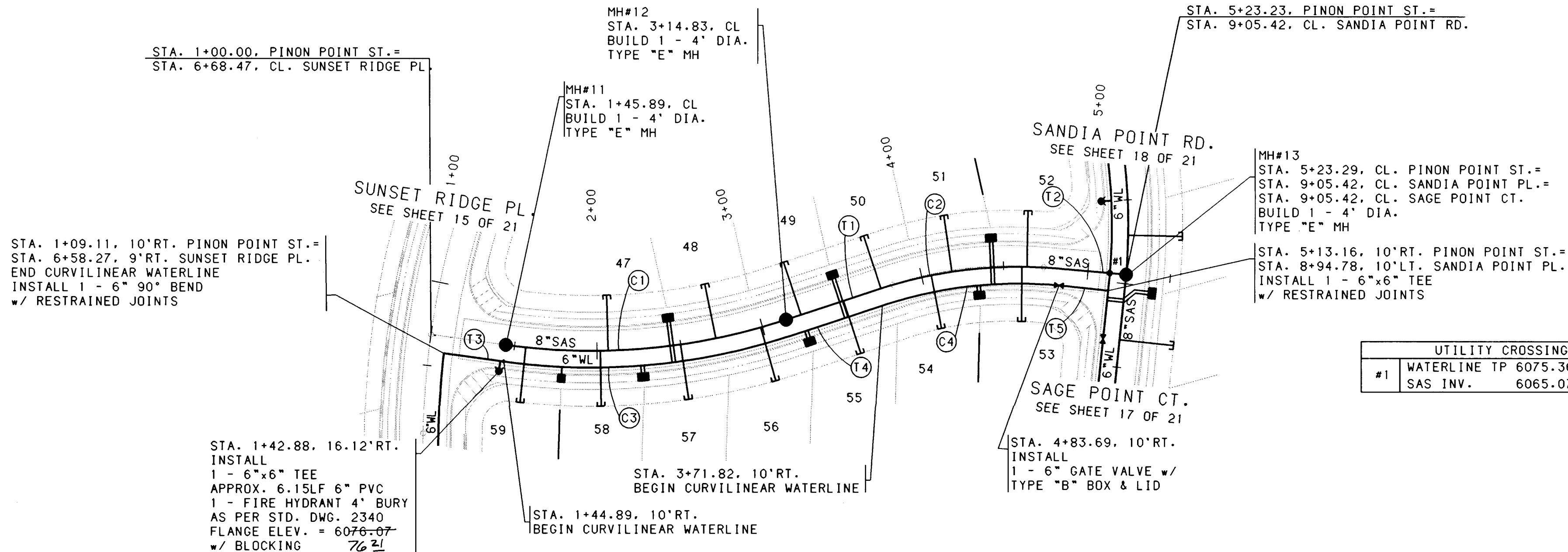
COPYRIGHT BOHANNAN-HUSTON, INC. 1997
DATE: APRIL, 1997

WATERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C3	2+33.68	26° 6' 10.4"	88.78'	174.49'	383.00'
C4	4+26.33	23° 14' 41.4"	54.50'	107.51'	265.00'

SAS CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	2+31.36	26° 6' 10.4"	86.47'	169.93'	373.00'
C2	4+28.39	23° 14' 41.4"	56.56'	111.57'	275.00'

WATERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T3	S05°06'08"E	35.79'
T4	S31°12'18"E	57.00'
T5	S07°01'43"E	29.50'

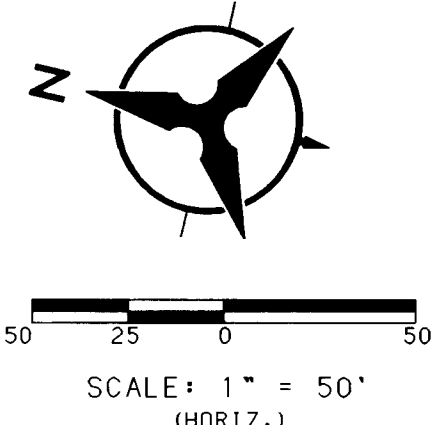
SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	S31°12'18"E	57.00'
T2	S07°57'37"E	39.57'



UTILITY CROSSING & CLEARANCE		
#1	WATERLINE TP 6075.36	CLEARANCE= 9.06'
	SAS INV. 6065.07	

WATER & SANITARY SEWER SERVICES					
LOT NUMBER	STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG (W/RISE) TP
47	2+44.66, 10.00' RT.	DOUBLE	2+06.86, CENTERLINE	33.00'	71.47(-)
48			2+71.33, CENTERLINE	33.00'	70.83(-)
49	3+49.23, 10.00' RT.	DOUBLE	3+24.14, CENTERLINE	33.00'	71.15(-)
50			3+74.30, CENTERLINE	33.00'	70.39(-)
51	4+43.39, 10.91' RT.	DOUBLE	4+18.85, 0.97' RT.	33.97'	70.42(-)
52			4+64.01, 0.49' RT.	33.50'	69.71(-)

WATER & SANITARY SEWER SERVICES					
LOT NUMBER	STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG (W/RISE) TP
53			4+60.96, 0.57' RT.	32.44'	69.73(-)
54	4+34.27, 10.99' RT.	DOUBLE	4+06.02, 0.82' RT.	32.19'	70.56(-)
55			3+50.78, CENTERLINE	33.00'	70.75(-)
56	3+24.22, 10.00' RT.	DOUBLE	2+99.01, CENTERLINE	33.00'	70.56(-)
57			2+50.00, CENTERLINE	33.00'	71.04(-)
58	2+26.50, 10.00' RT.	DOUBLE	2+02.05, CENTERLINE	33.00'	71.81(-)
59	1+79.32, 10.00' RT.	SINGLE	1+56.87, CENTERLINE	33.00'	72.22



PINON POINT STREET

- NOTES**
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 - ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 - ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 - GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED. SUFFIX "R" INDICATES ROLLED CURB.
 - CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
 - CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
 - ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
 - CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
 - CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
 - ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
 - REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
 - WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

RESTRAINED JOINT TABLE

MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS FROM EACH SIDE OF MJ LISTED	
	(6")	(8")
11.25" H BEND	2'	3'
22.50" H BEND	4'	5'
45" H BEND	8'	11'
90" H BEND	20'	26'
GATE VALVE	55'	72'
BTRFLY VALVE	---	---
REDUCER (8"x6")	30'	30'

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

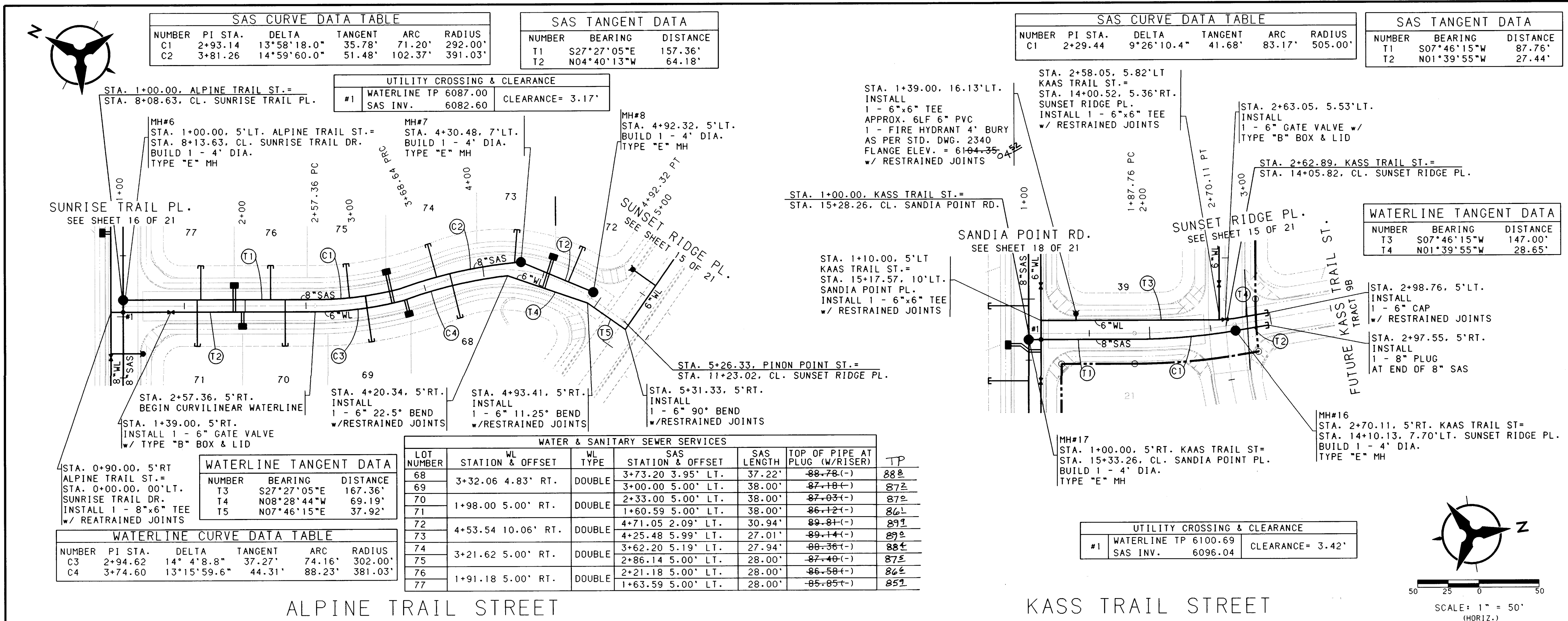
BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

SUNSET RIDGE AT HIGH DESERT
UTILITY PLAN & PROFILE
PINON POINT STREET

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
571281	E-2C	19	21



NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED. SUFFIX "R" INDICATES ROLLED CURB.
- CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
- REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAW CUT ONLY).
- WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

RESTRAINED JOINT TABLE

MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS FROM EACH SIDE OF MJ LISTED (6") (8")	
	(6")	(8")
11.25" H BEND	2'	3'
22.50" H BEND	4'	5'
45" H BEND	8'	11'
90" H BEND	20'	26'
GATE VALVE	55'	72'
BTRFLY VALVE	---	---
REDUCER (8"x6")	30'	30'

NOTE:

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

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

SUNSET RIDGE AT HIGH DESERT
UTILITY PLAN & PROFILE
ALPINE TRAIL ST./ KASS TRAIL ST.

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

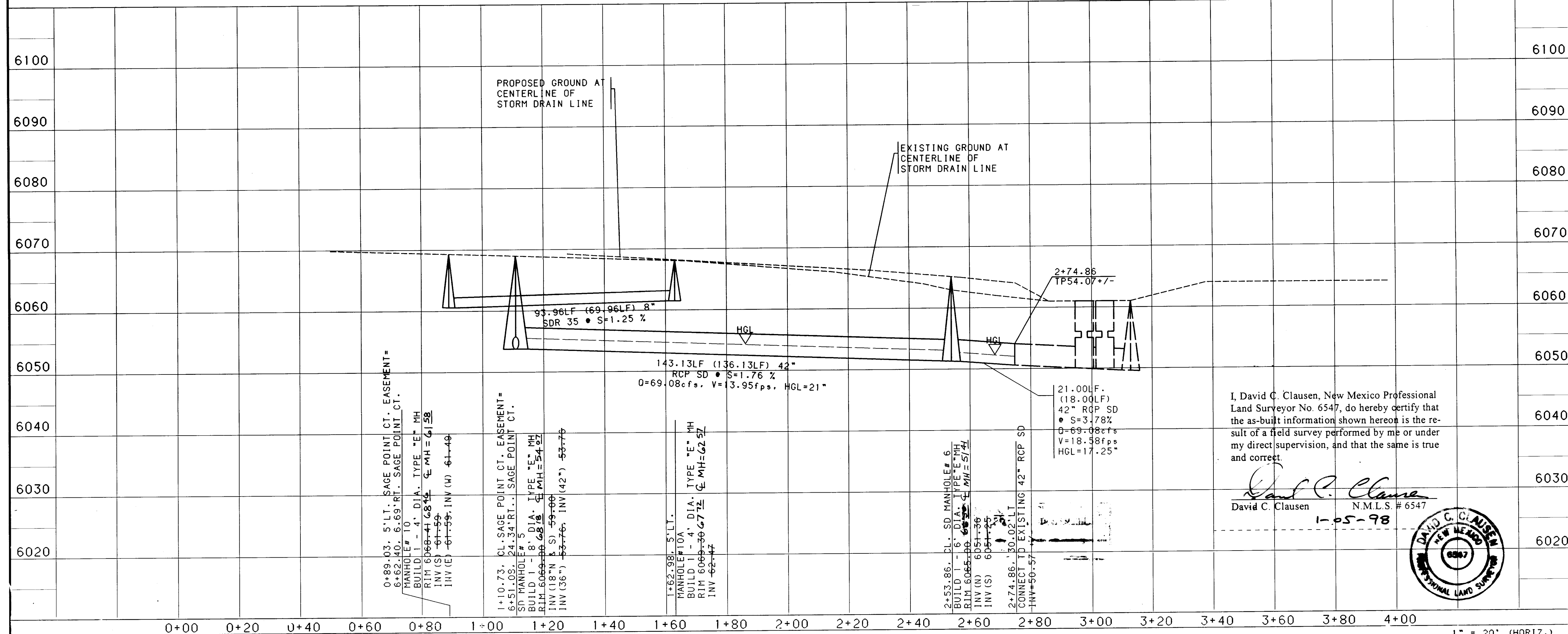
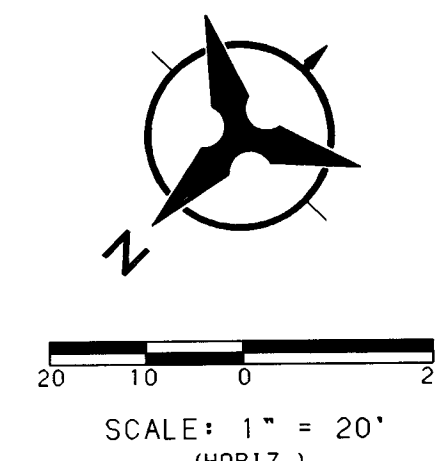
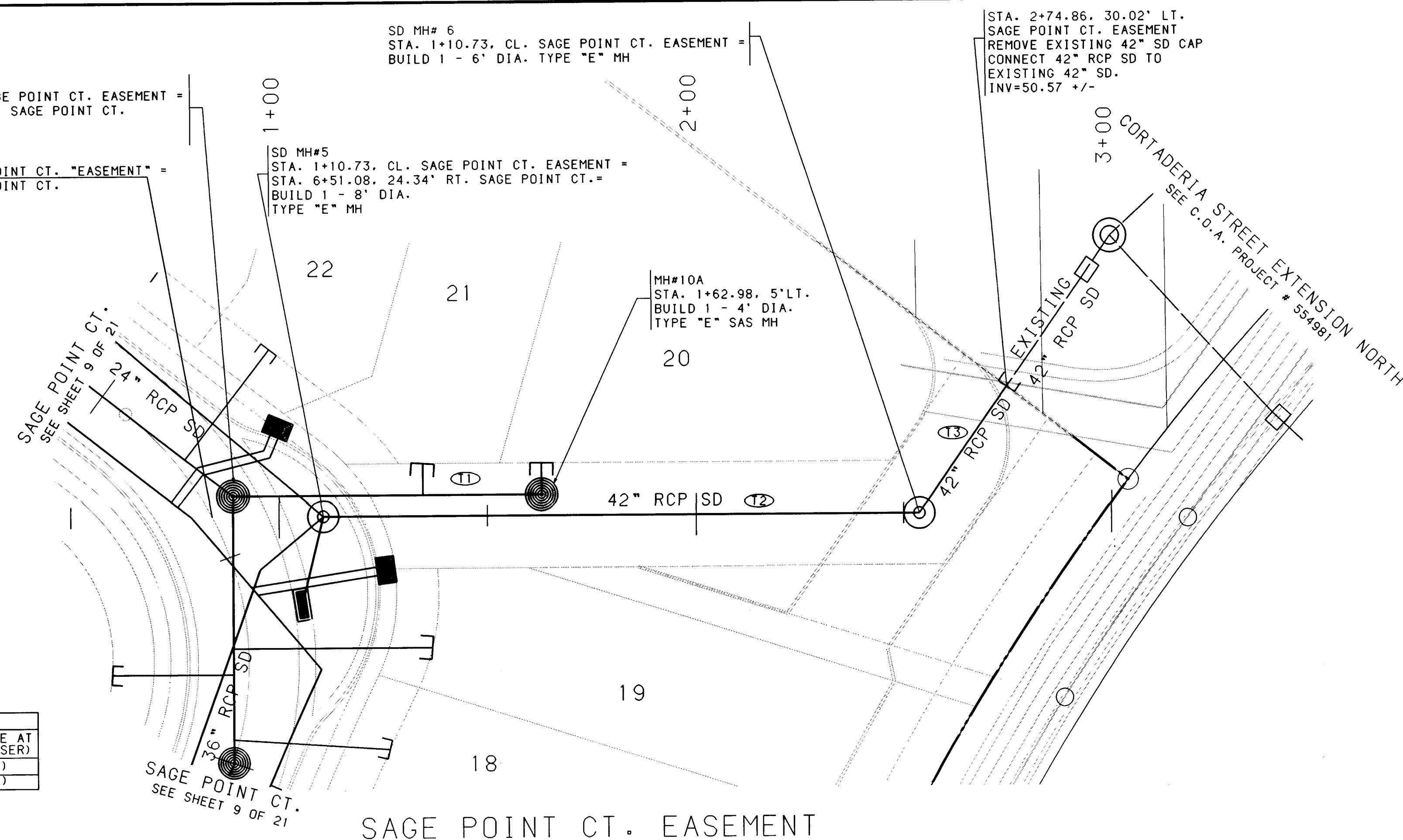
CITY PROJECT NO. 571281 **ZONE MAP NO.** E-23 **SHEET** 20 **OF** 21

DATE: APRIL, 1997

STORM DRAIN TANGENT DATA		
NUMBER	BEARING	DISTANCE
T2	S45°27'44.9"E	143.13'
T3	S09°33'22.7"E	37.08'

SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	S45°27'44.9"E	73.95'

SANITARY SEWER SERVICES			
LOT NUMBER	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG (W/RISER)
20	1+34.52, 5.00' LT.	7.50'	62.07 (-)
21	1+62.98, 5.00' LT.	7.50'	62.42 (-)



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 N.M.L.S. # 6547



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

 CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

SUNSET RIDGE AT HIGH DESERT
UTILITY PLAN & PROFILE INCLUDING SD
SAGE POINT CT. EASEMENT

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

PROJECT NO.	571281	ZONE MAP NO.	E-25	SHEET	21	OF	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. SUFFIX "R" INDICATES ROLLED CURB.
 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.

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
		FIELD NOTES				CONTRACTOR <i>Spawling</i>	
NO.	DATE	BY	DATE			INSPECTOR BY <i>Spawling</i>	
				GEOLOGICAL SURVEY BENCH MARK. TOP		TABLET STAMPED "TUMBLE 1969" SET IN	
				CONCRETE PROJECTING 0.2 FEET ABOVE		FIELD RANGE BY <i>BH</i> DATE <i>3/98</i>	
				GROUND. LOCATED 489 FEET WEST OF		VERIFICATION BY <i>Spawling</i> DATE <i>3/98</i>	
				THE INTERSECTION OF SAN ANTONIO		CORRECTED BY <i>Spawling</i> DATE <i>3/98</i>	
				DRIVE AND TENNYSON STREET, AND 35		MICRO-FILM INFORMATION	
DESIGNED BY KGP	DATE 4/97			FEET NORTH OF RIGHT-OF-WAY LINE		RECORDED BY NO.	
DRAWN BY BS	DATE 4/97			OF SAN ANTONIO DR. ELEV. = 6009.155			

C.	
INVESTORS • LANDSCAPE ARCHITECTS	
ES	SANTA FE
QUE ARTMENT LOPMENT GROUP	
GH DESERT INCLUDING SD SEMENT	
L UPDATE	MO./DAY/YR.
	MO./DAY/YR.
	MO./DAY/YR.
	MO./DAY/YR.
	MO./DAY/YR.

USERID= PDP: [C97173A08.PNP]SAGE-EASE-SD.GR=

BHI JOB NO. 09770100

SCANNED BY
BY LASON

COPYRIGHT BURNHAMMAN-ROSTON, INC. 1997
DATE: APRIL, 1997