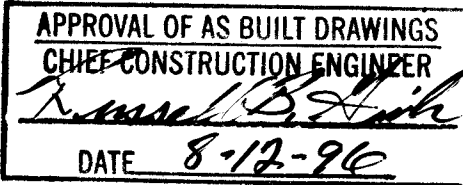


CONSTRUCTION PLANS
FOR
SEVEN BAR NORTH TRACT B-2
SUBDIVISION - UNIT II-B
ALBUQUERQUE, NEW MEXICO

INDEX

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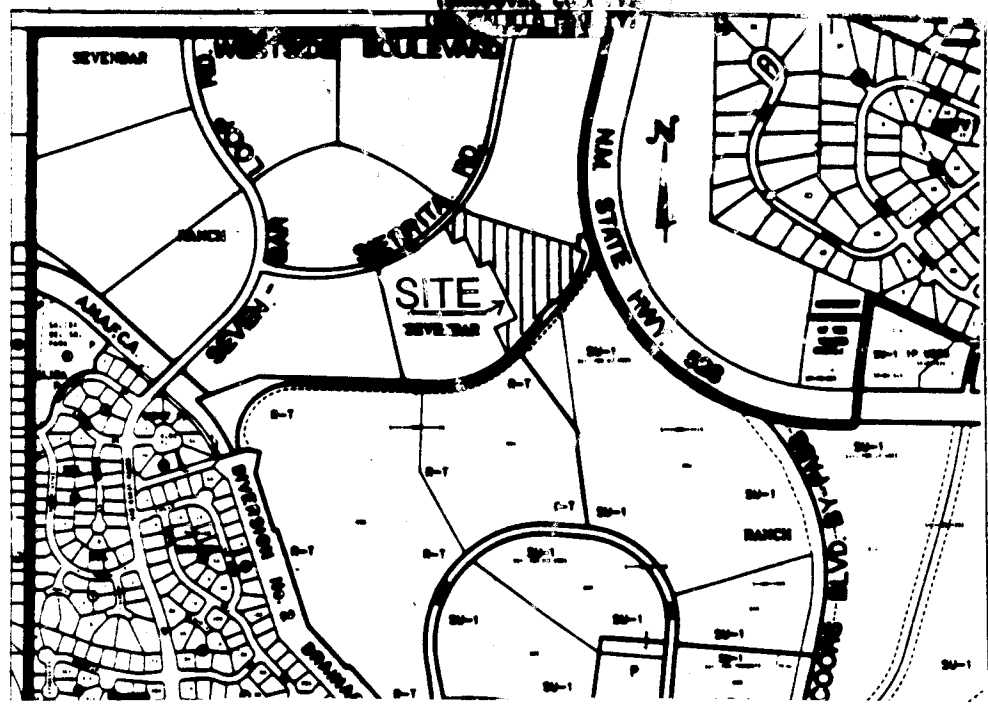
SURVEYOR'S CERTIFICATION

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

[Signature]
Timothy Aldrich N.M.P.S. 7719
Date 7-10-96

SCANNED BY
BY LASON

BHI JOB NO. 93217A2440



VICINITY MAP
NOT TO SCALE
A-13

NOTICE TO CONTRACTORS

- 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 (THROUGH UPDATE #6), AND NEW MEXICO UTILITIES, INC. SPECIFICATIONS FOR WATER & WASTEWATER FACILITIES. (MOST RECENT REVISION)
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- THE CONTRACTOR SHALL NOTIFY NEW MEXICO UTILITIES, INC. (888-2661) THREE WORKING DAYS PRIOR TO BEGINNING THE CONSTRUCTION OF THE UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- 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.
- 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.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE 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 SURVER. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF 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 WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY FOUR-HOUR CONSTRUCTION.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

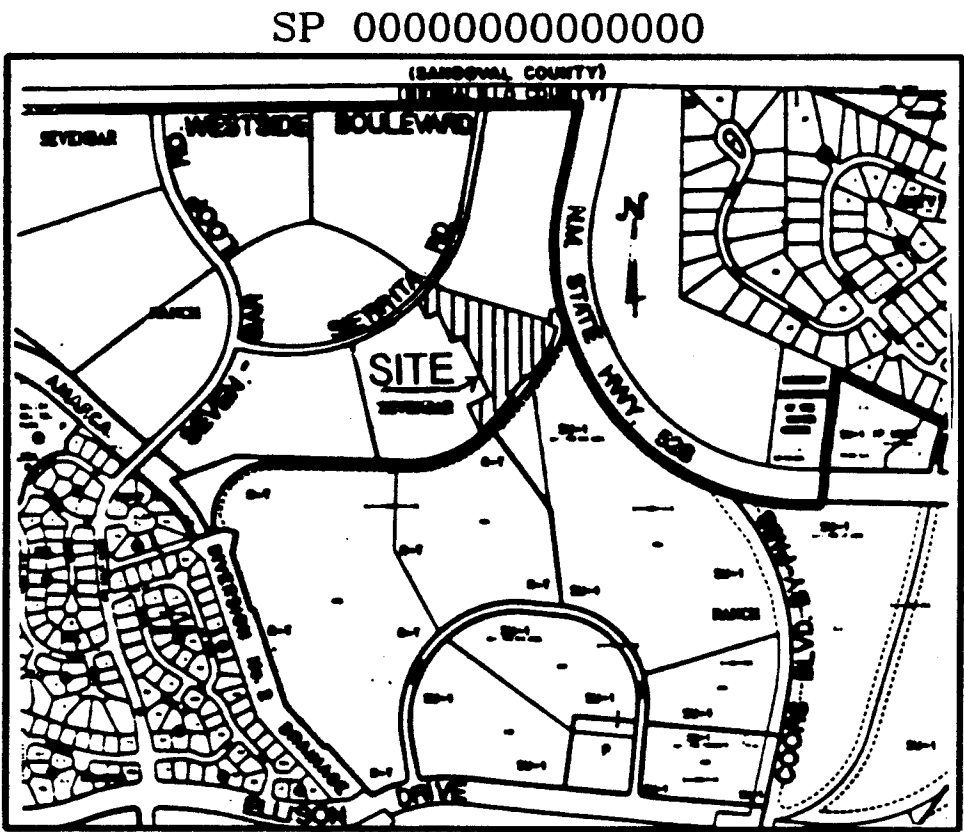
- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER 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.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
9 9 8 2 . 7 1 0 1 7

REV	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

APPROVAL OF REVISIONS

 11/21/95	BOHANNAN HUSTON INC. ALBUQUERQUE, NEW MEXICO ENGINEERS PLANNERS PHOTOGRAMMETRISTS	APPROVED FOR CONSTRUCTION <i>[Signature]</i> C.E.
	PROJECT NUMBER 4982.95	SHEET 1 OF 12



LOCATION MAP
ZONE ATLAS INDEX MAP No. A-13-Z
NOT TO SCALE

SUBDIVISION DATA

- DRB NO.
- Zone Atlas Index No. A-13-Z
- Gross Subdivision Acreage: 8.7956 Acres.
- Total Number of Lots & Tracts created: 40 Lots, 1 Tract
- Total mileage of full width streets created: 0.2767 mile.
- Date of Survey: October, 1994
- Plat located within the Town of Alameda Grant, Projected Section 6, T11N, R3E, NMPM.

DISCLOSURE STATEMENT

The purpose of this Plat is to subdivide Tract B-2B, PLAT OF CERRO CRESTADO AT SEVEN BAR NORTH, Albuquerque, New Mexico, filed June 19, 1995 in Volume 95C, Folio 216, into 40 Lots, and 1 Tract, to dedicate Street Right-of-Way to the City of Albuquerque, to grant Easements, and to vacate a Temporary Turnaround Easement.

NOTES

- Bearings are New Mexico State Plane Grid Bearings (Central Zone).
- Distances are ground distances.
- All easements of record are shown.
- Center line (in lieu of P&M Monumentation) to be installed at all center line P.C.'s, P.T.'s, angle points and street intersections prior to acceptance of subdivision street improvements and will consist of a standard four-inch (4") aluminum alloy cap stamped "City of Albuquerque", "Centerline Monumentation", "Survey Marker", "Do Not Disturb", "PLS#6544".
- These properties are within the New Mexico Utilities, Inc. (NMU, Inc.) franchise area. Water and Sanitary Sewer Systems capabilities are based on NMU, Inc. facilities, not the City of Albuquerque.
- No individual Lots shall be allowed direct access to Sierra Road.
- All Lots are to be "Plat" and shall conform to intermittent Parking Design Criteria, Item #1.
- With the filing of this plat, and only for the lands covered by this plat, all previous "Notice of Subdivision Plat Conditions" including those recorded on April 23, 1985, August 14, 1989 and June 20, 1994 (all for bulk land transfer) are removed.

PUBLIC UTILITY EASEMENTS

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

- 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.
- PNM Gas Services for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
- 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.
- Jones Interchange for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide Cable TV service.
- New Mexico Utilities, Inc. for the installation, maintenance and service of underground water and sanitary sewer lines 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, car-port or wood pool decking, or other structure shall be erected or constructed on said easements, nor shall any well be drilled or operated on the same. 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 the plat.

SCANNED BY
BY LASON

DESCRIPTION

A certain tract of land situate within the Town of Alameda Grant, within Projected Section 6, Township 11 North, Range 3 East, New Mexico Principal Meridian, Bernalillo County, Albuquerque, New Mexico, said Tract being and comprising all of Tract B-2B of the PLAT OF CERRO CRESTADO AT SEVEN BAR NORTH, as the same is shown and designated on the plat filed in the office of the County Clerk of Bernalillo County, New Mexico on June 19, 1995 in Volume 95C, Folio 216, and being more particularly described by New Mexico State Plane Grid Bearings (Central Zone) and ground distances as follows:

BEGINNING at the northwest corner of said Tract B-2B, a point on the southerly right-of-way line of Sierra Road, whence the ACS Survey Monument "3-A12" a 3-1/4" aluminum cap (having New Mexico State Plane Coordinates Central Zone of X=370,667.68 and Y=1,534,779.51) bears N75°21'03"W, a distance of 5282.07 feet and from said point of beginning running along said right-of-way line and the northerly boundary line of said Tract B-2B, 237.73 feet along the arc of a curve to the left having a radius of 1136.00 feet and a chord which bears N43°47'59"E, a distance of 237.30 feet to the most northerly corner of said Tract B-2B thence leaving said right-of-way line and running thence along the easterly boundary line of said Tract B-2B, 562°52'18"E, a distance of 75.22 feet to a point; thence, S73°31'01"E, a distance of 684.55 feet to a point on curve; on the northwesterly right-of-way line of the A.M.A.F.C.A. Skyview Drainage Channel; thence, running along the northerly boundary of said Tract B-2B and also along said right-of-way line 27.52 feet along the arc of a curve to the right having a radius of 491.80 feet and a chord which bears S11°08'21"W, a distance of 27.52 feet to a point of non-tangency; thence, S77°15'27"E, a distance of 50.00 feet to the most easterly corner of said Tract B-2B, a point on the northwesterly right-of-way line of the A.M.A.F.C.A. Skyview Drainage Channel, thence running along the southeasterly boundary line of said Tract B-2B and also along said right-of-way line, 275.66 feet along the arc of a curve to the right having a radius of 541.80 feet and a chord which bears S27°19'04"W, a distance of 272.70 feet to a point of tangency; thence, S41°53'36"W, a distance of 86.49 feet to a point; thence, N48°06'24"W, a distance of 10.00 feet to a point; thence, S41°53'36"W, a distance of 150.00 feet to a point; thence, S48°06'24"E, a distance of 10.00 feet to a point; thence, S41°53'36"W, a distance of 244.19 feet to a point of curvature; thence, 68.24 feet along the arc of a curve to the right having a radius of 617.50 feet and a chord which bears S45°33'34"W, a distance of 68.21 feet to the most southerly corner of said Tract B-2B, thence running along the westerly boundary line of said Tract B-2B, N35°59'09"W, a distance of 150.15 feet to a point of curvature; thence, 31.64 feet along the arc of a curve to the left having a radius of 1841.00 feet and a chord which bears N53°11'18"E, a distance of 31.64 feet to a point of non-tangency; thence, N36°58'14"W, a distance of 156.00 feet to a point of curvature; thence, 199.86 feet along the arc of a curve to the left having a radius of 1685.00 feet and a chord which bears N49°37'33"E, a distance of 199.74 feet to a point of non-tangency; thence, N48°07'23"W, a distance of 280.97 feet to a point of curvature; thence, 37.98 feet along the arc of a curve to the right having a radius of 1405.00 feet and a chord which bears S47°52'42"W, a distance of 37.98 feet to a point of non-tangency; thence, N41°20'50"W, a distance of 156.00 feet to a point of curvature; thence, 24.89 feet along the arc of a curve to the right having a radius of 1249.00 feet and a chord which bears S49°13'25"W, a distance of 24.89 feet to a point of non-tangency; thence, N40°12'19"W, a distance of 113.00 feet to the point and place of beginning.

Tract contains 383,138 square feet or 8.7956 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 6, Township 11 North, Range 3 East, New Mexico Principal Meridian, Bernalillo County, Albuquerque, New Mexico, being and comprising all of Tract B-2B of the PLAT OF CERRO CRESTADO AT SEVEN BAR NORTH, as the same is shown and designated on the plat filed in the office of the County Clerk of Bernalillo County, New Mexico on June 19, 1995 in Volume 95C, Folio 216, now comprising Lots 94 thru 121, inclusive Lot 123, Lot 124, and Lots 154 thru 163, inclusive and Tract B-2C CERRO CRESTADO AT SEVEN BAR NORTH 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 thereon; and all Public Utility easements shown hereon for the common and joint use of Gas, Electric 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.

Brown/NZD (Development) Joint Venture
By: Brown & Associates, Inc., Managing General Partner

By: Ronald D. Brown, President
State of New Mexico)
County of Bernalillo)

This instrument was acknowledged before me on _____, 1995, by Ronald D. Brown, President of Brown & Associates, Inc., Managing General Partner, Brown/NZD (Development) Joint Venture, a New Mexico general partnership, on behalf of said partnership.

My Commission Expires: _____

Notary Public

APPROVALS

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
PNM GAS SERVICES	DATE
U.S. WEST COMMUNICATIONS	DATE
NEW MEXICO UTILITIES, INC.	DATE
THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON UPCE	
PROPERTY OWNER OF RECORD:	
BERNALILLO COUNTY TREASURER'S OFFICE	DATE

SURVEYOR'S CERTIFICATION

I, A. Dwin Weaver, a registered Professional New Mexico Surveyor, certify 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.

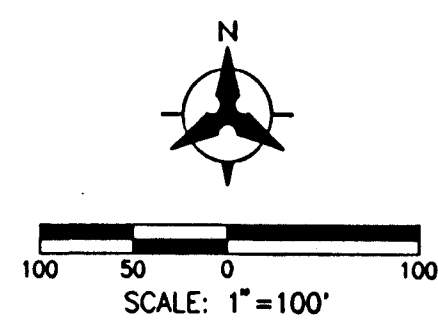
Bohannon-Huston Inc.
Courtney
7500 Jefferson Street, N.E.
Albuquerque, New Mexico 87109
A. Dwin Weaver
New Mexico Professional Surveyor 6544
Date: _____

JOB NO. 93217.80

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

C:\ACADD\CHML\PHASE2B\SHEET1.DWG

PLAT OF
CERRO CRESTADO AT
SEVEN BAR NORTH
(A REPLAT OF TRACT B-2B PLAT OF
CERRO CRESTADO AT SEVEN BAR NORTH)
ALBUQUERQUE, NEW MEXICO
OCTOBER, 1995



TANGENT DATA		
TANGENT	BEARING	DISTANCE
T1	S77°15'27"E	50.00'
T2	S41°53'36"W	86.49'
T3	N48°06'24"W	10.00'
T4	S48°06'24"E	10.00'
T5	N54°49'59"W	17.00'
T6	S41°53'36"W	8.27'
T7	S41°53'36"W	25.29'
T8	S41°53'36"W	57.79'
T9	S41°53'36"W	3.40'
T10	N16°28'59"E	10.00'
T11	S73°31'01"E	1.32'

LEGEND		
---	SUBDIVISION BOUNDARY LINE	
---	NEW LOT LINE	
---	ADJOINING PROPERTY LINE	
---	MONUMENT TIE LINE	
---	EXISTING EASEMENT LINE	
---	NEW 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"	
○	FOUND 3" DIAMETER A.M.A.F.C.A. BRASS CAP SET IN CONCRETE	
▲	FOUND EXISTING CENTERLINE MONUMENT	

ACS Aluminum Tablet stamped "ACS-3-A12, 1986"
Geographic Position (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X = 370,667.68 Y = 1,534,779.51
Ground-to-Grid Factor = 0.9996697
101° - 381°43'E
SLO 1929 Elevation = 5214.33

ACREAGE DATA	
LOT NO.	ACREAGE
94	0.1903 AC.
95	0.1933 AC.
96	0.1648 AC.
97	0.1692 AC.
98	0.1479 AC.
99	0.1437 AC.
100	0.1279 AC.
101	0.1457 AC.
102	0.1443 AC.
103	0.1600 AC.
104	0.2392 AC.
105	0.3413 AC.
106	0.2091 AC.
107	0.1744 AC.
108	0.1620 AC.
109	0.1804 AC.
110	0.1971 AC.
111	0.1595 AC.
112	0.1490 AC.
113	0.1328 AC.
114	0.2245 AC.
115	0.2884 AC.
116	0.1905 AC.
117	0.2067 AC.
118	0.2157 AC.
119	0.2366 AC.
120	0.1714 AC.
121	0.1462 AC.
122	0.1775 AC.
123	0.1555 AC.
124	0.1542 AC.
125	0.1542 AC.
126	0.1542 AC.
127	0.1542 AC.
128	0.1772 AC.
129	0.1415 AC.
130	0.1326 AC.
131	0.1326 AC.
132	0.1326 AC.
133	0.1367 AC.

CURVE DATA							
CURVE	R	PIUS	LENGTH	TANGENT	CHORD	CHORD BEARING	DELTA
C1	4	1.80	27.52	13.77	27.52	S11°08'21"W	03°12'24"
C2	5	1.80	275.66	140.88	272.70	S27°19'04"W	29°09'04"
C3	6	7.50	68.24	34.16	68.21	S45°03'31"W	06°19'56"
C4	18	1.00	31.64	15.82	31.64	N53°31'18"E	00°59'05"
C5	16	5.00	199.86	100.05	199.74	N49°37'53"E	06°47'45"
C6	14	5.00	37.98	18.99	37.98	S47°52'42"W	01°32'56"
C7	12	9.00	24.89	12.45	24.89	S49°13'25"W	01°08'31"
C8	11	6.00	237.73	119.30	237.30	N43°47'59"E	11°59'25"
C9	12	2.00	79.57	39.80	79.55	N46°51'39"E	03°35'29"
C10	5	5.00	113.63	70.93	103.07	N88°28'22"E	86°48'29"
C11	18	8.00	566.78	285.71	564.48	N44°05'53"E	17°51'45"
C12	18	8.00	353.87	177.50	353.31	N47°27'11"E	11°09'49"
C13	18	8.00	212.91	106.58	212.79	N38°31'19"E	06°42'36"
C14	12	9.00	78.13	39.08	78.12	N46°51'39"E	03°35'01"
C15	12	5.00	81.01	40.52	80.99	S46°51'39"W	03°35'01"
C16	8	8.00	148.48	92.69	134.68	N88°28'22"E	86°48'29"
C17	5	5.00	39.27	25.00	35.36	N86°52'37"E	01°09'50"
C18	5	5.00	39.27	25.00	35.36	S03°07'23"E	90°00'00"
C19	5	5.00	39.95	25.69	35.83	N86°06'00"E	91°33'14"
C20	5	5.00	39.95	25.69	35.83	N02°20'46"W	91°33'14"
C21	2	2.00	78.78	49.18	71.46	S88°28'22"W	86°48'29"
C22	5	5.00	19.06	10.02	18.61	N20°01'53"E	43°41'27"
C23	0	0.00	186.67	57.85	57.85	S48°07'23"E	26°72'24"
C24	5	5.00	19.06	10.02	18.61	S63°43'21"W	43°41'27"
C25	17	5.00	300.71	150.71	300.36	N48°13'49"E	09°35'25"
C26	17	5.00	104.09	52.06	104.08	N38°39'42"E	03°19'21"
C27	5	5.00	27.24	15.15	25.91	N05°46'57"E	62°26'10"
C28	0	0.00	167.97	69.07	69.07	S85°08'04"E	24°30'09"
C29	18	1.00	573.95	289.32	571.63	S44°05'53"W	17°51'45"
C30	18	1.00	54.41	27.20	54.40	N53°10'03"E	01°41'36"
C31	6	7.50	59.28	29.66	59.26	S45°28'31"W	05°30'01"
C32	18	1.00	59.35	29.68	59.35	N51°23'50"E	01°50'50"
C33	6	7.50	8.96	4.48	8.96	S42°18'33"W	00°49'54"
C34	18	1.00	54.41	27.20	54.40	N49°37'38"E	01°41'36"
C35	18	1.00	59.35	29.68	59.35	N47°51'25"E	01°09'50"
C36	18	1.00	54.41	27.21	54.40	N46°05'12"E	01°41'36"
C37	18	1.00	59.35	29.68	59.35	N44°19'00"E	01°50'50"
C38	18	1.00	54.41	27.20	54.40	N42°32'47"E	01°41'36"
C39	18	1.00	59.35	29.68	59.35	N40°46'34"E	01°50'50"
C40	18	1.00	54.41	27.20	54.40	N39°00'22"E	01°41'36"
C41	18	1.00	58.76	29.38	58.76	N37°14'42"E	01°49'44"
C42	5	1.80	59.08	29.57	59.05	S38°46'10"W	06°14'52"
C43	18	1.00	37.39	18.70	37.39	N35°44'55"E	01°09'49"
C44	5	3.00	20.92	10.70	20.68	N20°11'08"E	29°57'46"
C45	5	1.80	122.70	61.62	122.44	S29°09'27"W	12°58'34"
C46	5	3.00	40.37	22.09	38.68	N23°42'27"W	57°49'24"
C47	5	1.80	93.87	47.05	93.76	S17°42'21"W	09°55'38"
C48	5	3.00	36.87	19.86	35.58	N79°01'32"W	52°48'47"
C49	5	3.00	40.86	22.42	39.11	S45°18'07"W	58°31'56"
C50	5	3.00	28.95	15.14	28.32	S04°42'00"E	41°28'17"
C51	17	5.00	14.64	7.32	14.64	S37°14'03"W	00°42'32"
C52	17	5.00	55.11	27.56	55.10	S38°20'50"W	01°05'32"
C53	17	5.00	54.35	27.17	54.35	S39°46'29"W	01°05'47"
C54	5	3.00	5.81	2.92	5.80	N48°32'02"E	13°18'50"
C55	3	3.00	13.25	6.79	13.10	N70°22'45"E	32°02'38"
C56	3	3.00	46.81	26.50	44.18	N52°02'41"E	67°46'48"
C57	3	3.00	64.26	41.45	57.57	N27°29'51"W	82°20'19"
C58	3	3.00	75.61	55.36	64.84	S52°20'04"W	108°17'49"
C59	3	3.00	39.26	19.90	39.00	N59°36'01"W	22°57'16"
C60	3	3.00	49.05	25.05	48.54	N85°24'55"W	28°40'32"
C61	3	3.00	45.09	22.95	44.69	S67°03'58"W	26°21'43"
C62	3	3.00	15.08	7.55	15.06	S49°28'37"W	08°48'59"
C63	12	3.00	44.00	22.00	44.00	S46°04'41"W	02°01'07"
C64	11	3.00	101.04	50.55	101.01	N40°51'58"E	05°05'46"
C65	11	3.00	72.83	36.43	72.81	N45°15'03"E	03°40'23"
C66	12	3.00	59.02	29.52	59.01	S48°26'28"W	02°42'27"
C67	11	3.00	53.68	26.84	53.67	N48°26'28"E	02°42'27"
C68	12	3.00	21.93	10.96	21.93	N45°33'14"E	00°58'12"
C69	14	3.00	79.06	39.54	79.05	S44°25'37"W	03°13'26"
C70	12	3.00	59.08	29.54	59.07	N47°20'45"E	02°36'50"
C71	14	3.00	64.10	32.05	64.09	S47°20'45"W	02°36'50"
C72	14	3.00	105.18	52.61	105.15	N44°57'34"E	04°17'21"
C73	16	3.00	54.13	28.07	54.12	N52°01'27"E	02°00'38"
C74	17	3.00	62.98	31.50	62.98	S52°01'27"W	02°00'38"
C75	16	3.00	59.13	29.57	59.12	N50°00'49"E	02°00'38"
C76	17	3.00	62.98	31.50	62.98	S50°00'49"W	02°00'38"
C77	16	3.00	59.13	29.57	59.12	N48°00'12"E	02°00'38"
C78	17	3.00	62.98	31.50	62.98	S48°00'12"W	02°00'38"
C79	16	3.00	59.13	29.57	59.12	N45°59'34"E	02°00'38"
C80	17	3.00	62.98	31.50	62.98	S45°59'34"W	02°00'38"
C81	16	3.00	68.48	34.24	68.48	N44°39'24"E	01°19'43"
C82	17	3.00	48.77	24.39	48.77	S43°12'33"W	02°13'24"
C83	16	3.00	105.12	52.58	105.11	S44°26'47"W	03°34'28"
C84	4	1.80	10.06	5.03	10.06	S10°07'19"W	01°10'20"
C85	11	3.00	10.18	5.09	10.18	N38°03'41"E	00°30'49"
C86	4	1.80	17.46	8.73	17.46	S11°43'31"W	02°02'04"



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 VINYARD AND ASSOCIATES DATED AUGUST 31, 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 APPROVALS.
4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER THE EROSION CONTROL DETAIL ON SHEET 4 AND WETTING 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.

LEGEND

PROPOSED CONTOUR	---
EXISTING CONTOUR	---
EXISTING SPOT ELEVATION	• 25.50
PROPOSED SPOT ELEVATION	• 25.50
DIRECTION OF FLOW	S-2.564%
PROPOSED STORM DRAIN INLET	⊕
PROPOSED STORM DRAIN MANHOLE	⊙
PROPOSED RETAINING WALL	---
EXISTING RETAINING WALL	---
EXISTING STORM DRAIN MANHOLE	⊙
EXISTING STORM DRAIN INLET	⊕
EXISTING STORM DRAIN LINE	SD

APPROVED FOR ROUGH GRADING (± 1')

[Signature] 12-6-95
HYDROLOGY ENGINEER DATE

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP**

**SEVEN BAR NORTH - UNIT II-B
REVISED GRADING PLAN**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

DRAWING NO. 4982.95 MAP NO. A-13 SHEET 3 OF 12

**SCANNED BY
BY LASON**

TYPICAL STREET SECTION A-A

CONTRACTOR SUNDAKE MECH
STAMPED BY ALS, INC.
FIELD LOCATION BY ALS, INC. DATE 5/96
DRAWINGS CORRECTED BY ALS, INC. DATE 7/96
MICRO-FILM INFORMATION RECORDED BY NO. DATE

ENGINEER'S SEAL

NO. DATE 11/95
REMARKS REVISIONS
DESIGN JCA
DATE 11/95
CHECKED BY JRT
DATE 11/95



SECTION B-B

LOT	POND SIZE
UNIT 2B	(L W D)
160	38' x 4' x 6"
161	31' x 3.5' x 6"
162	52' x 2' x 6"
115	28' x 3' x 1'

TYPICAL LOT GRADING PLAN

NO SCALE

Diagram of a retaining wall section. The wall has a total height of 8' MIN. and a top width of 6". The wall is composed of 8" CMU blocks. The wall is labeled "GARDEN WALL BY OTHERS". The wall is labeled "TW ELEV" and "BY ELEV". The wall is labeled "VARIES" for the base width.

TYPICAL RETAINING WALL NOMENCLATURE

EROSION CONTROL PLAN

NO SCALE

WEEP HOLE DETAIL

NO SCALE

6" GARDEN WALL

VARIES (20'-6" MIN.)

VARIES

3 MAX.

1

2'-9" MIN.

3:1 MAX.

4'-0"

1'-6" MAX.

NUISANCE FLOW TRENCH
1' DEPTH TYP.

EXISTING GROUND

SECTION A-A

TEMPORARY DRAINAGE CHANNEL

(SEE SHEET 3 OF 12)

BHI JOB NO. 93217.43

GENERAL NOTES

1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
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5. ALL SPOT ELEVATIONS ARE TO TOP OF CURB UNLESS OTHERWISE NOTED. VALLEY GUTTER ELEVATIONS ARE SHOWN AT PROJECTED TOP OF CURB ELEVATION.

SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	FIELD NOTES	TBM NO.	DESCRIPTION	DATE	BY
		CHISLED "X" LOCATED APPROXIMATELY 459 FEET SOUTH OF THE BLACK'S DIVERSION INLET	CONTRACTOR <i>SUNDANCE</i> NEED		
		STRUCTURE ON THE EAST WALL.	STARTED BY <i>ALS</i> AK		
		ELEV. 5110.55	ACCEPTANCE BY <i>Bth Inc.</i>	DATE <i>5/96</i>	
			FIELD VERIFICATION BY <i>ALS</i> AK	DATE <i>9/96</i>	
			RECORDED BY <i>ALS</i> AK	DATE <i>1/97</i>	
			MICRO-FILM INFORMATION		
			RECORDED BY	DATE	
			NO.		

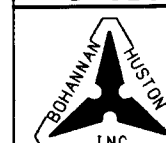
ENGINEER'S SEAL	SURVEY INFORMATION
	FIELD NOTES

NO.	DATE	REMARKS	BY
REVISIONS			
DESIGN			
DESIGNED BY	PR. DF.	JCA	DATE 11/95
DRAWN BY	TSG.	JCA	DATE 11/95

APPROVED FOR ROUGH GRADING (± 1')

[Signature]
HYDROLOGY ENGINEER

12-6-95
DATE



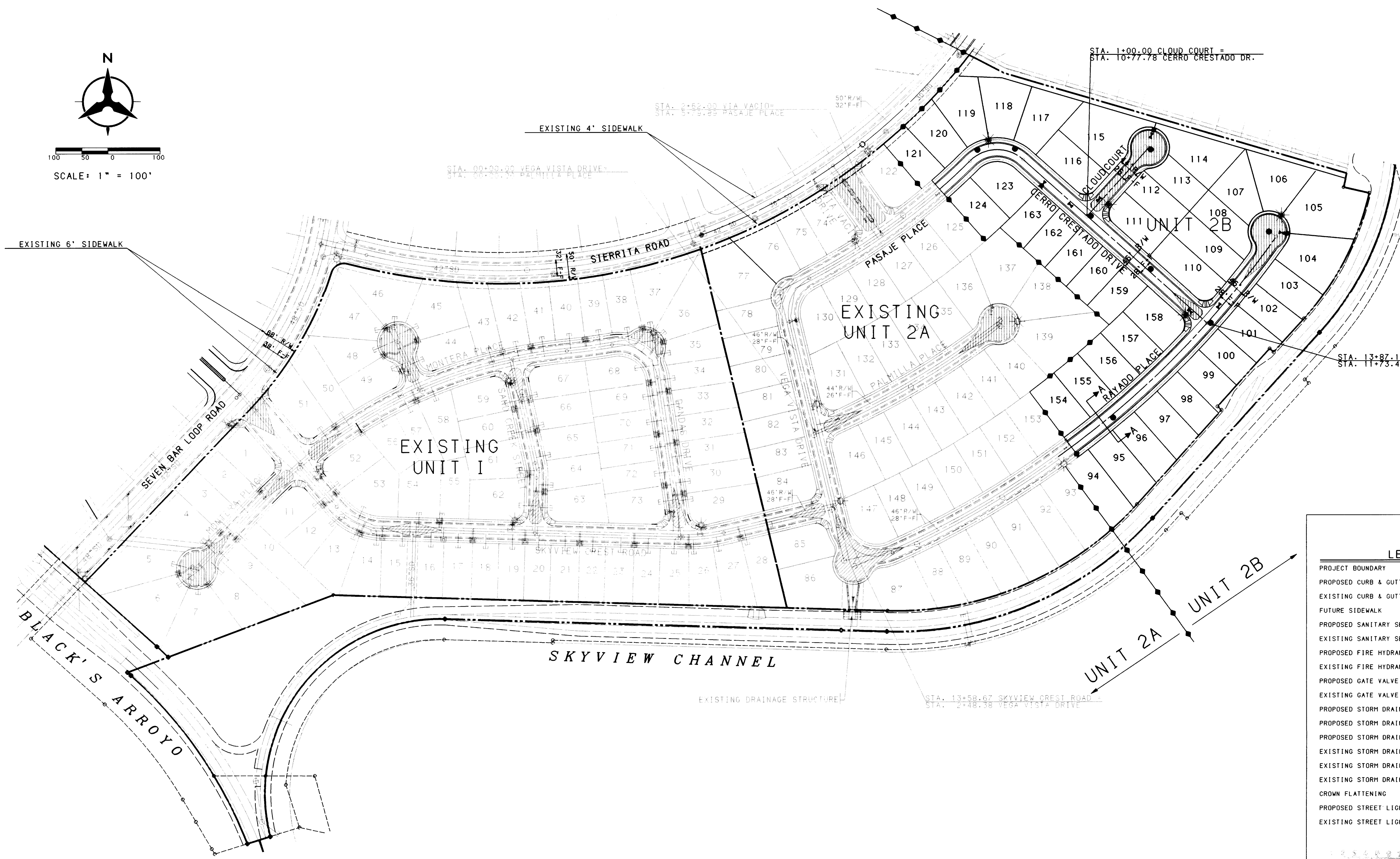
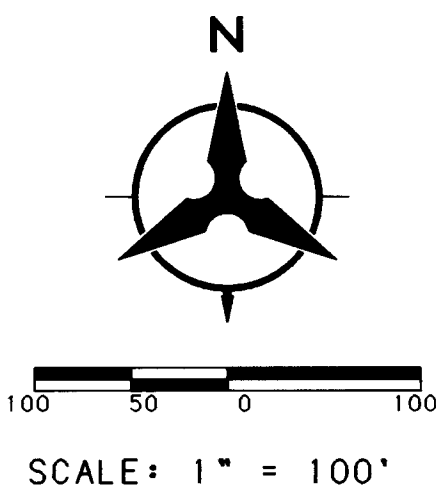
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP



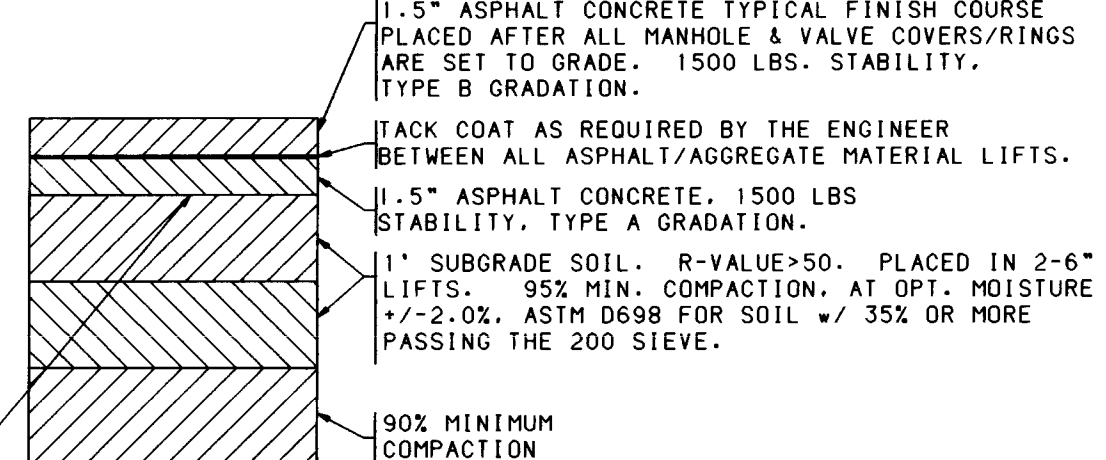
SEVEN BAR NORTH - UNIT II-B
GRADING PLAN (DETAILS)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

DRAWING NO.	4982.95	MAP NO. A-13	SHEET 4 OF 12
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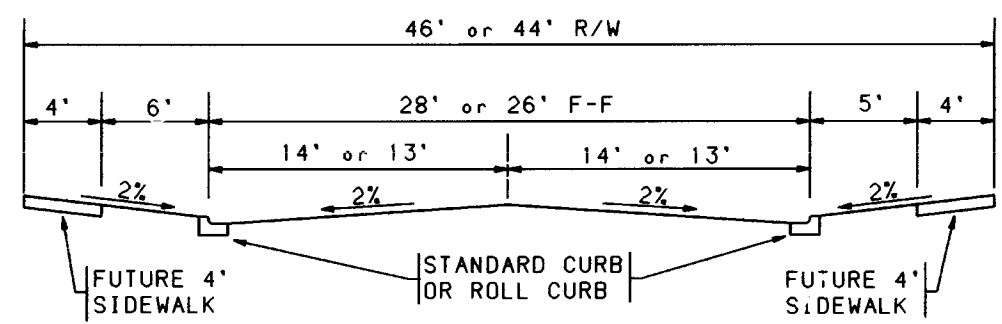
FINISHED SURFACES OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT THE COMPACTION MOISTURE RANGE, OR A PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT/ FINAL SURFACING IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION ARE COMPLETED.



TYPICAL SUBDIVISION PAVEMENT SECTION

NO SCALE

NOTE: REFER TO COA STD DWG 2405



TYPICAL STREET SECTION A-A

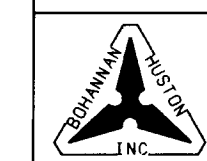
NO SCALE

SCANNED BY BY LASON

BHI JOB NO. 93217.44

- LEGEND**
- PROJECT BOUNDARY
 - PROPOSED CURB & GUTTER
 - EXISTING CURB & GUTTER
 - FUTURE SIDEWALK
 - PROPOSED SANITARY SEWER MANHOLE
 - EXISTING SANITARY SEWER MANHOLE
 - PROPOSED FIRE HYDRANT
 - EXISTING FIRE HYDRANT
 - PROPOSED GATE VALVE
 - EXISTING GATE VALVE
 - PROPOSED STORM DRAIN LINE
 - PROPOSED STORM DRAIN MANHOLE
 - PROPOSED STORM DRAIN INLET
 - EXISTING STORM DRAIN LINE
 - EXISTING STORM DRAIN MANHOLE
 - EXISTING STORM DRAIN INLET
 - CROWN FLATTENING
 - PROPOSED STREET LIGHT
 - EXISTING STREET LIGHT

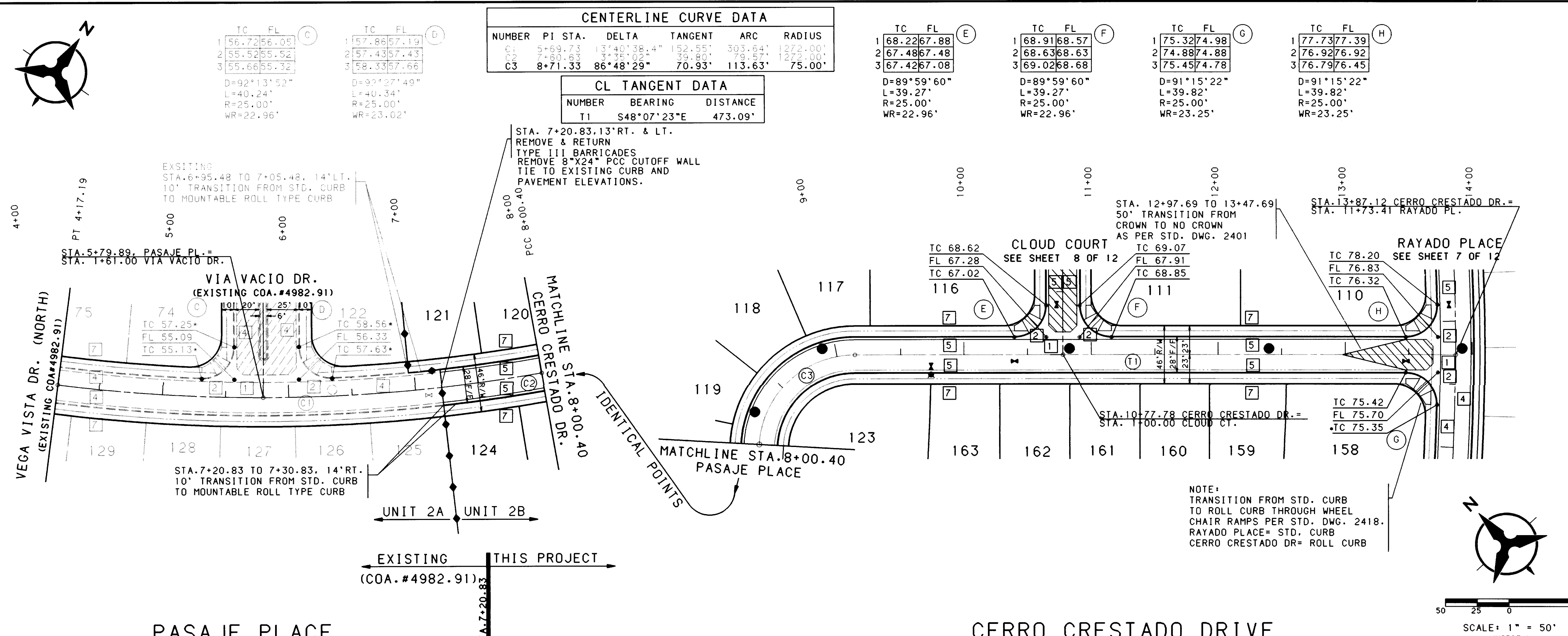
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

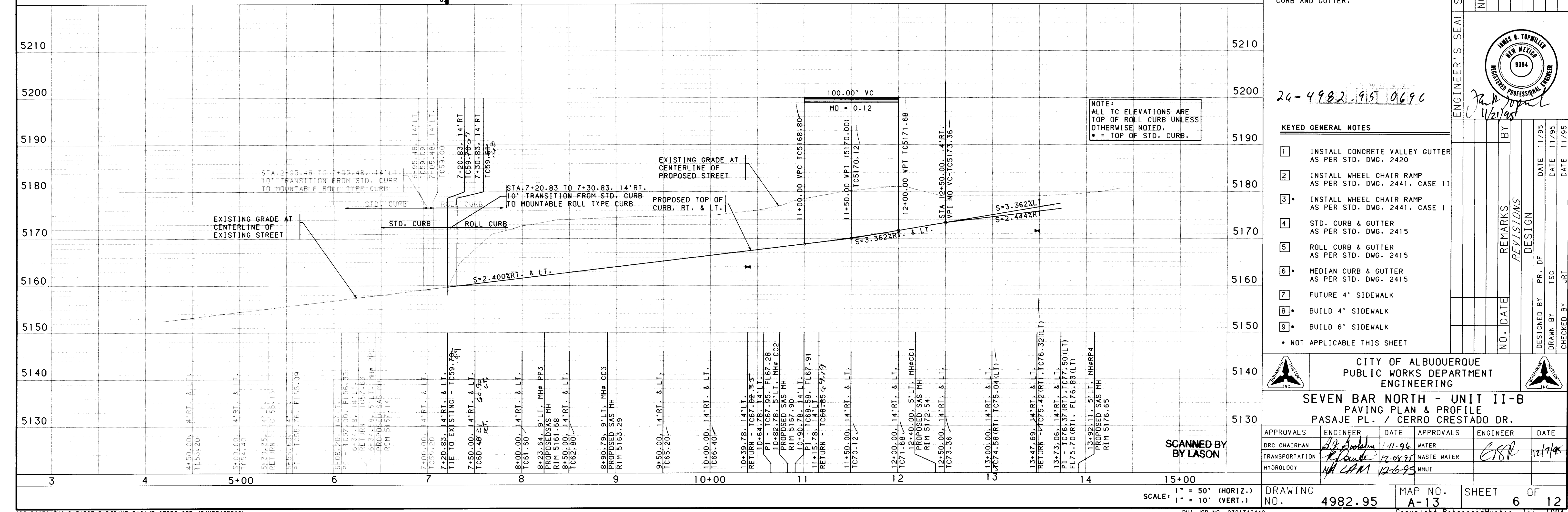
SEVEN BAR NORTH - UNIT II-B
PAVING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>[Signature]</i>	1-11-96	WATER	<i>[Signature]</i>	1-11-96
TRANSPORTATION	<i>[Signature]</i>	1-11-96	WASTE WATER	<i>[Signature]</i>	1-11-96
HYDROLOGY	<i>[Signature]</i>	1-11-96			
DRAWING NO.	4982.95	MAP NO. A-13	SHEET 5 OF 12		

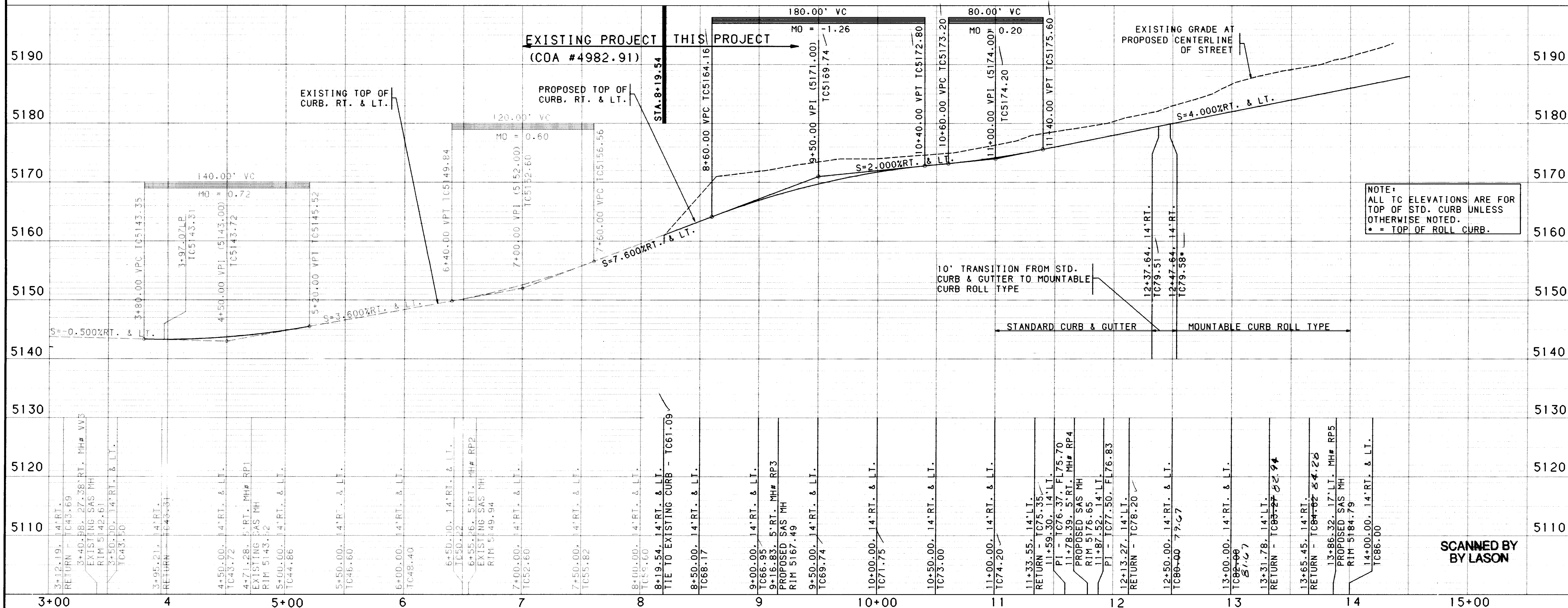
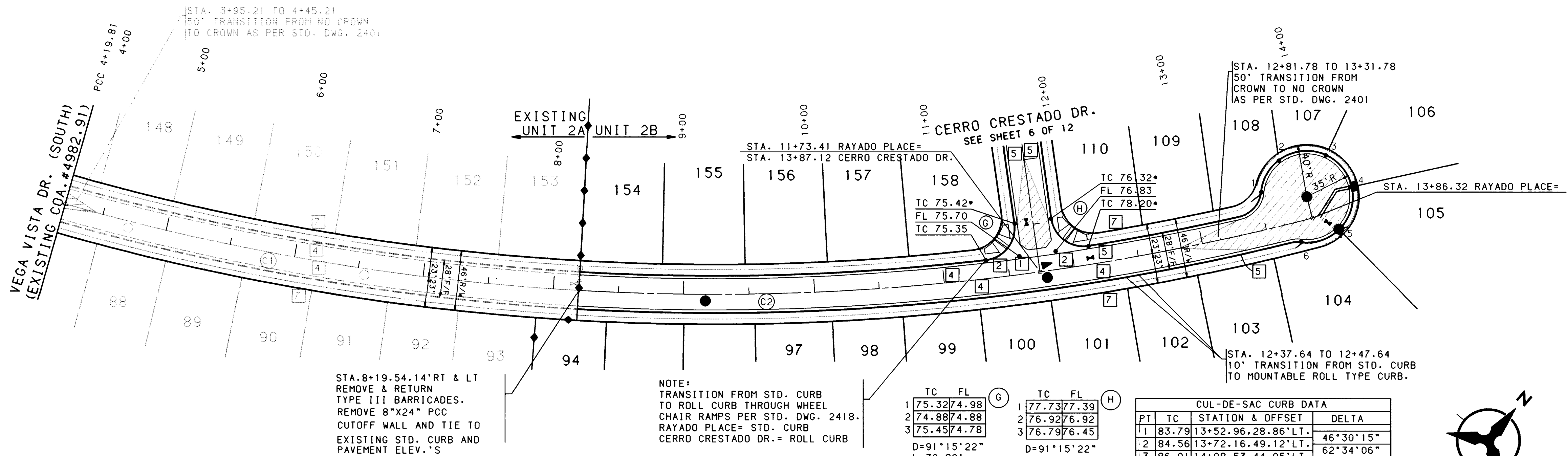


NOTES

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 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.



CENTERLINE CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	6+20.48	12°35'52"	200.67'	399.73'	1818.00'
C2	11+05.24	17°51'45"	285.71'	566.78'	1818.00'



NOTES

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- 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
- INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
- STD. CURB & GUTTER AS PER STD. DWG. 2415
- ROLL CURB & GUTTER AS PER STD. DWG. 2415
- MEDIAN CURB & GUTTER AS PER STD. DWG. 2415
- FUTURE 4' SIDEWALK
- BUILD 4' SIDEWALK
- BUILD 6' SIDEWALK

* NOT APPLICABLE THIS SHEET

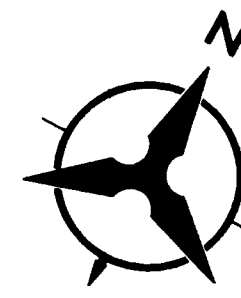
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

SEVEN BAR NORTH - UNIT II-B
PAVING PLAN & PROFILE
RAYADO PLACE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	12-0-94	12-0-94	WATER		
TRANSPORTATION	12-0-94	12-0-94	WASTE WATER		
HYDROLOGY	12-0-94	12-0-94	NMUI		

DRAWING NO. 4982.95 MAP NO. A-13 SHEET 7 OF 12

Copyright Bohannon-Huston, Inc. 1994
DATE: JANUARY, 1995



STA. 1+00.00 PALMILLA PLACE=
STA. 1+00.00 VEGA VISTA DRIVE

TC	FL
1 45.81	45.14
2 44.86	44.86
3 45.26	44.59

D=101°21'35"
L=44.23'
R=25.00'
WR=29.20'

TC	FL
1 44.82	44.15
2 44.39	44.39
3 45.29	43.62

D=79°11'33"
L=34.55'
R=25.00'
WR=25.00'

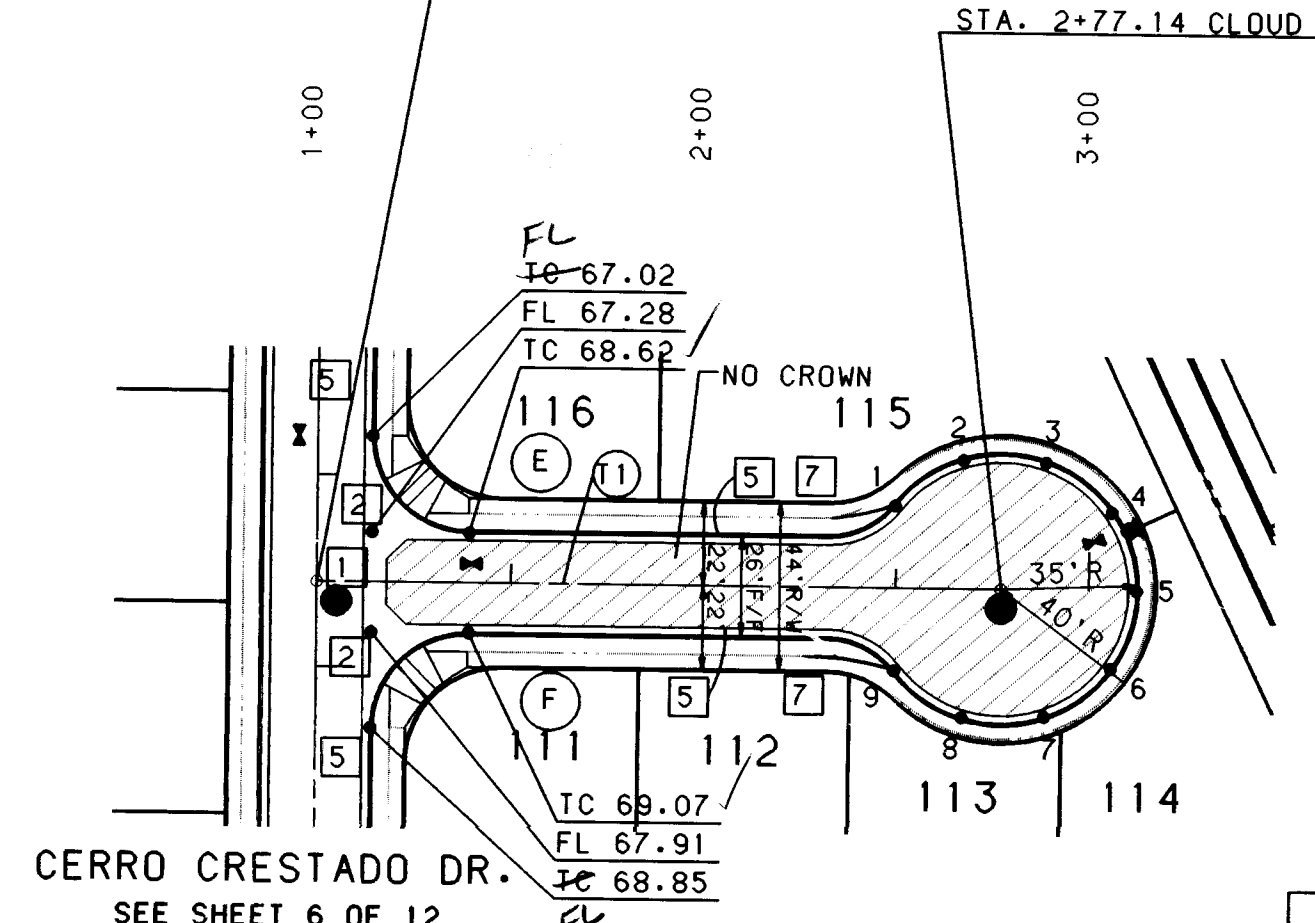
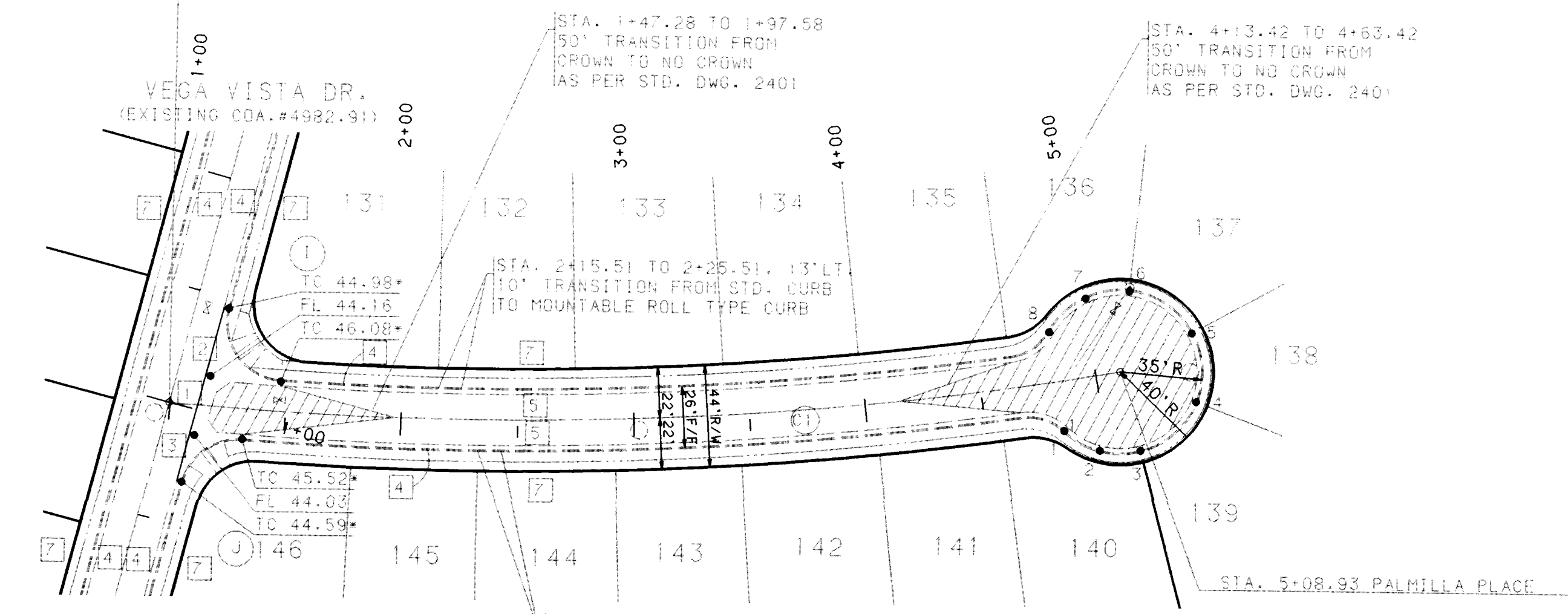
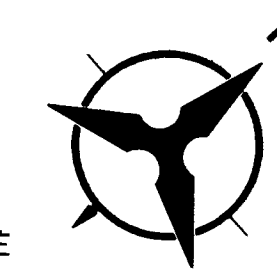
TC	FL
1 68.22	67.88
2 67.48	67.48
3 67.42	67.08

D=89°59'60"
L=39.27'
R=25.00'
WR=38.80'

TC	FL
1 68.91	68.57
2 68.63	68.63
3 69.02	68.68

D=89°59'60"
L=39.27'
R=25.00'
WR=38.80'

STA. 1+00.00 CLOUD COURT=
STA. 10+77.78 CERRO CRESTADO DRIVE



CENTERLINE CURVE DATA				
NUMBER	PI STA.	DELTA	TANGENT	ARC RADIUS
CI	3+05.66	15° 9' 53.5"	205.67'	408.33' 1545.00'

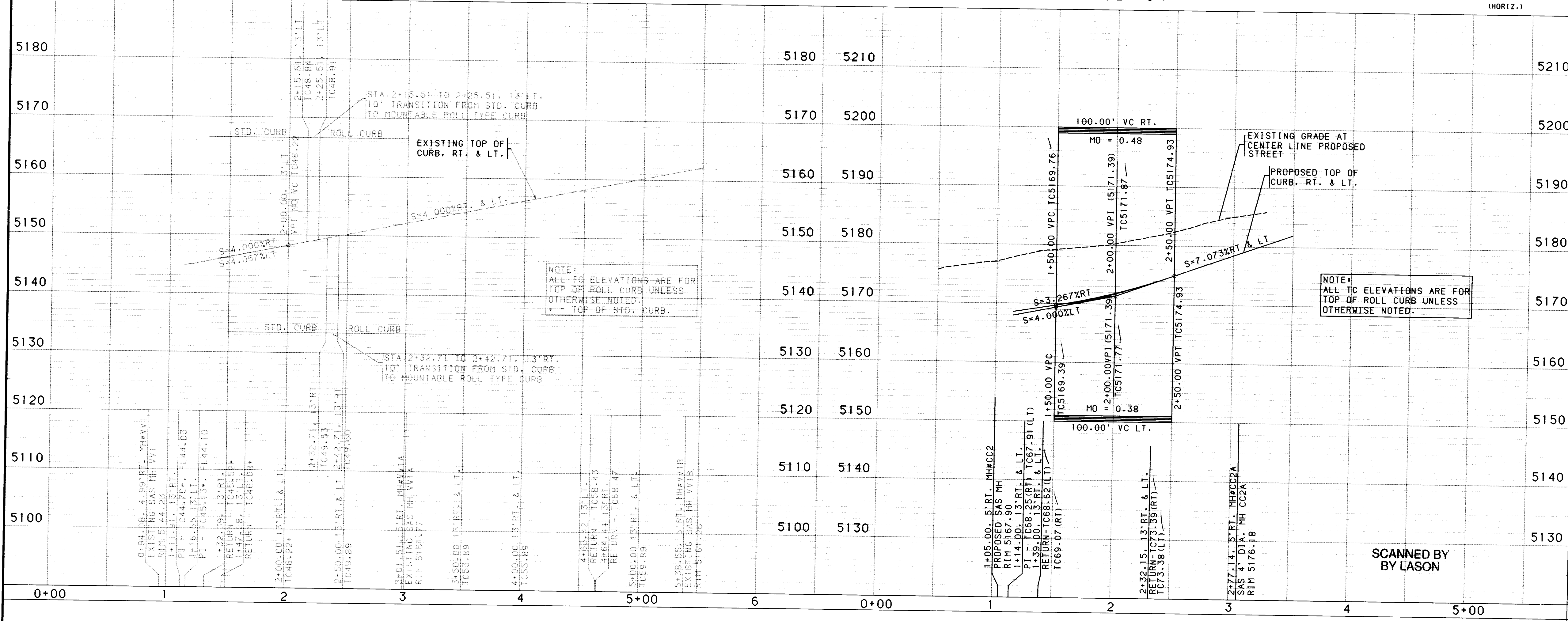
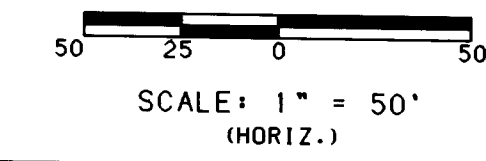
CUL-DE-SAC CURB DATA			
PT	TC	STATION & OFFSET	DELTA
1	59.14	4+81.23, 21.65'LT.	33°35'20"
2	59.82	4+98.06, 33.31'LT.	33°35'20"
3	60.63	5+18.51, 33.66'LT.	55°09'29"
4	61.57	5+42.03, 11.36'LT.	55°03'47"
5	61.45	5+38.89, 18.09'RT.	55°03'47"
6	60.37	5+11.86, 34.88'RT.	28°52'55"
7	59.69	4+94.94, 32.02'RT.	28°52'55"
8	59.15	4+81.37, 21.34'RT.	28°52'55"
		R=35.00'	

TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	S41° 52' 37"W	177.14'

CUL-DE-SAC CURB DATA			
PT	TC	STATION & OFFSET	DELTA
1	74.56	2+49.52, 21.49'LT.	35°31'44"
2	75.81	2+67.15, 33.54'LT.	35°31'44"
3	76.32	2+88.50, 33.10'LT.	35°31'44"
4	78.53	3+05.63, 20.34'LT.	35°31'44"
5	78.99	3+12.14, CL	35°31'44"
6	78.53	3+05.63, 20.34'RT.	35°31'44"
7	77.32	2+88.50, 33.10'RT.	35°31'44"
8	75.81	2+67.15, 33.54'RT.	35°31'44"
9	74.56	2+49.52, 21.49'RT.	35°31'44"
		R=35.00', L=21.70' (BETWEEN POINTS)	

PALMILLA PL. (EXISTING)

CLOUD CT.



- NOTES**
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 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 CURB UNLESS OTHERWISE SPECIFIED.
 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.
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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.

- 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
 3. INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE 1
 4. STD. CURB & GUTTER AS PER STD. DWG. 2415
 5. ROLL CURB & GUTTER AS PER STD. DWG. 2415
 6. MEDIAN CURB & GUTTER AS PER STD. DWG. 2415
 7. FUTURE 4' SIDEWALK
 8. BUILD 4' SIDEWALK
 9. BUILD 6' SIDEWALK
- NOT APPLICABLE THIS SHEET

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

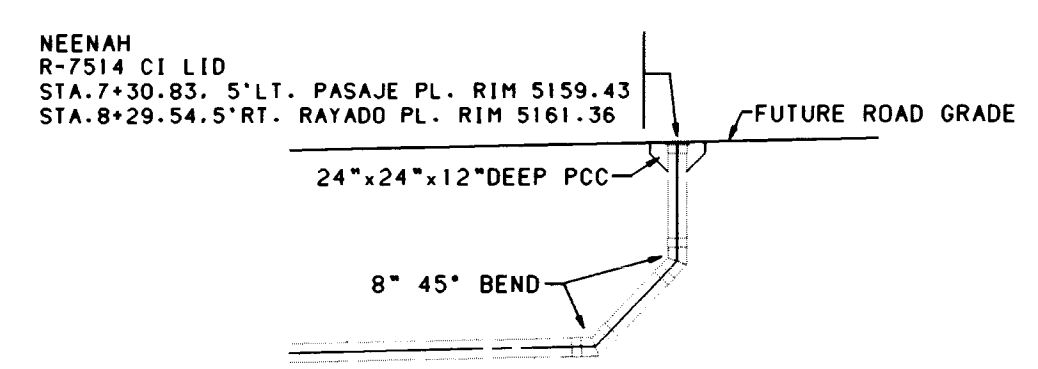
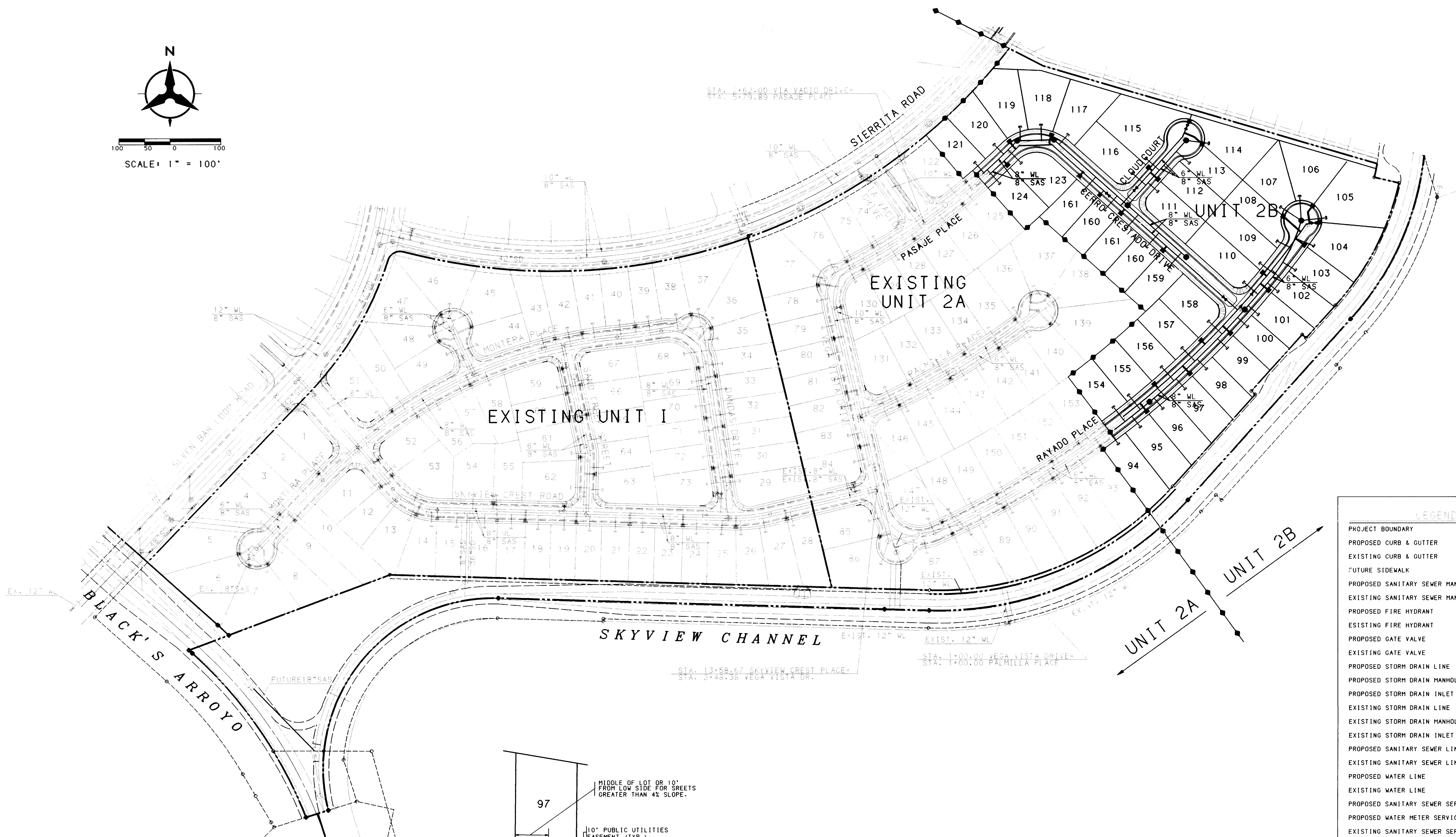
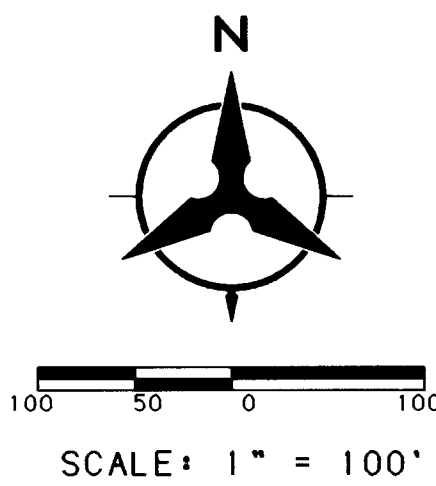
SEVEN BAR NORTH - UNIT II-B
PAVING PLAN & PROFILE
PALMILLA PL. (EXISTING) / CLOUD CT.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	<i>[Signature]</i>	11-96	WATER	<i>[Signature]</i>	11-96
TRANSPORTATION	<i>[Signature]</i>	12-97	WASTE WATER	<i>[Signature]</i>	12-97
HYDROLOGY	<i>[Signature]</i>	12-95	NHUI		

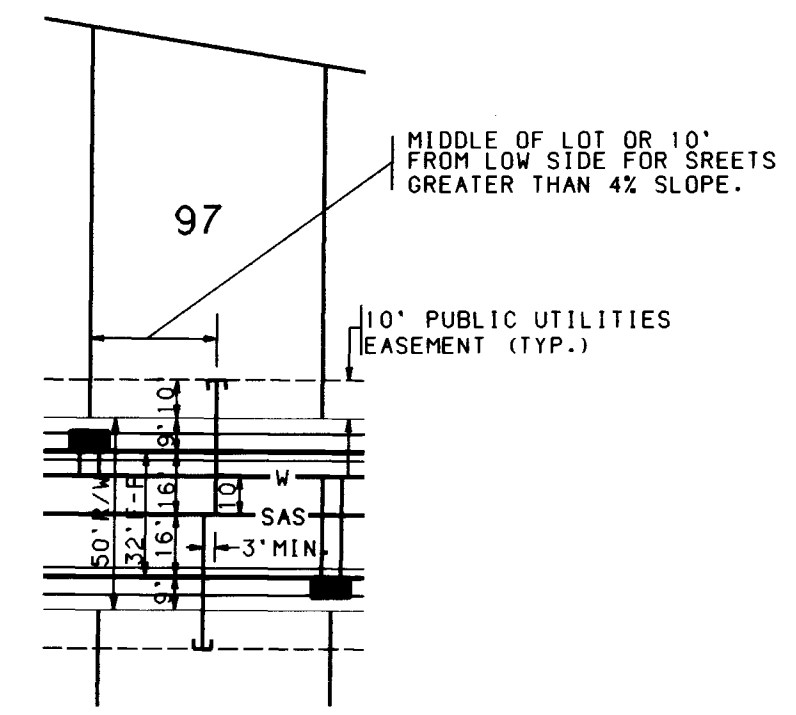
DRAWING NO.	4982.95	MAP NO.	A-13	SHEET	8	OF	12
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DATE: FEBRUARY, 1995

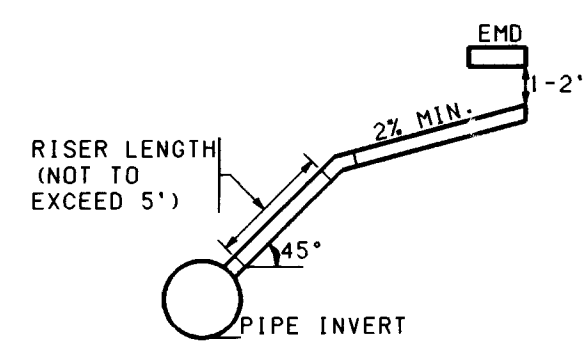
AS-BUILT INFORMATION		BENCH MARKS		ENGINEER'S SEAL SURVEY INFORMATION	
CONTRACTOR	<i>[Signature]</i>	DATE		NO.	
WORK	<i>[Signature]</i>	DATE		NO.	
FIELD	<i>[Signature]</i>	DATE		NO.	
ACCEPTANCE	<i>[Signature]</i>	DATE		NO.	
DATE	11/96	DATE		NO.	
LOCATION	ALBUQUERQUE	DATE		NO.	
DRAWINGS	<i>[Signature]</i>	DATE		NO.	
REVISIONS		DATE		NO.	
DESIGNED BY	PR. DF	DATE	11/95	NO.	
DRAWN BY	TSO. JCA	DATE	11/95	NO.	
CHECKED BY	JRT	DATE	11/95	NO.	



(EXISTING) TEMPORARY SAS CLEANOUT
NO SCALE



TYPICAL UTILITY SERVICE LOCATION
NO SCALE



SERVICE RISER DETAIL
(SERVICE CONNECTION & INSTALLATION TO CONFORM TO COA STD. DWG. 2134. USE C1 SOIL PIPE ONLY)

- LEGEND
- PROJECT BOUNDARY
 - PROPOSED CURB & GUTTER
 - EXISTING CURB & GUTTER
 - FUTURE SIDEWALK
 - PROPOSED SANITARY SEWER MANHOLE
 - EXISTING SANITARY SEWER MANHOLE
 - PROPOSED FIRE HYDRANT
 - EXISTING FIRE HYDRANT
 - PROPOSED GATE VALVE
 - EXISTING GATE VALVE
 - PROPOSED STORM DRAIN LINE
 - PROPOSED STORM DRAIN MANHOLE
 - PROPOSED STORM DRAIN INLET
 - EXISTING STORM DRAIN LINE
 - EXISTING STORM DRAIN MANHOLE
 - EXISTING STORM DRAIN INLET
 - PROPOSED SANITARY SEWER LINE
 - EXISTING SANITARY SEWER LINE
 - PROPOSED WATER LINE
 - EXISTING WATER LINE
 - PROPOSED SANITARY SEWER SERVICE
 - PROPOSED WATER METER SERVICE
 - EXISTING SANITARY SEWER SERVICE
 - EXISTING WATER METER SERVICE

ENGINEER'S SEAL

NO. DATE REMARKS REVISIONS

DESIGNED BY PR. DF DATE 11/95
DRAWN BY TSG, SV, JCA DATE 11/95
CHECKED BY JRT DATE 11/95

BY DATE

NO. DATE

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	DATE	FIELD NOTES	BY	TBM NO. 205	CHISLED "X" LOCATED APPROXIMATELY 459 FEET SOUTH OF THE BLACK'S DIVERSION INLET STRUCTURE ON THE EAST WALL. ELEV. 5110.55	CONTRACTOR	INSPECTOR'S SIGNATURE
						SWAYNE, INC.	DATE 11/95
							DATE 11/95
							DATE 11/95
							DATE 11/95
							DATE 11/95
							DATE 11/95
							DATE 11/95
							DATE 11/95
							DATE 11/95

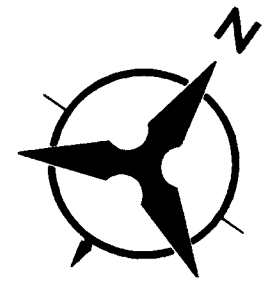
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

SEVEN BAR NORTH - UNIT II-B
UTILITY PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	11/96	11/96	WATER		
TRANSPORTATION	12/08/97	12/08/97	WASTE WATER		
HYDROLOGY	12/6/95	12/6/95	NMUI		

DRAWING NO. 4982.95 MAP NO. A-13 SHEET 9 OF 12

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DATE: FEBRUARY, 1995

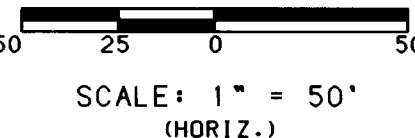
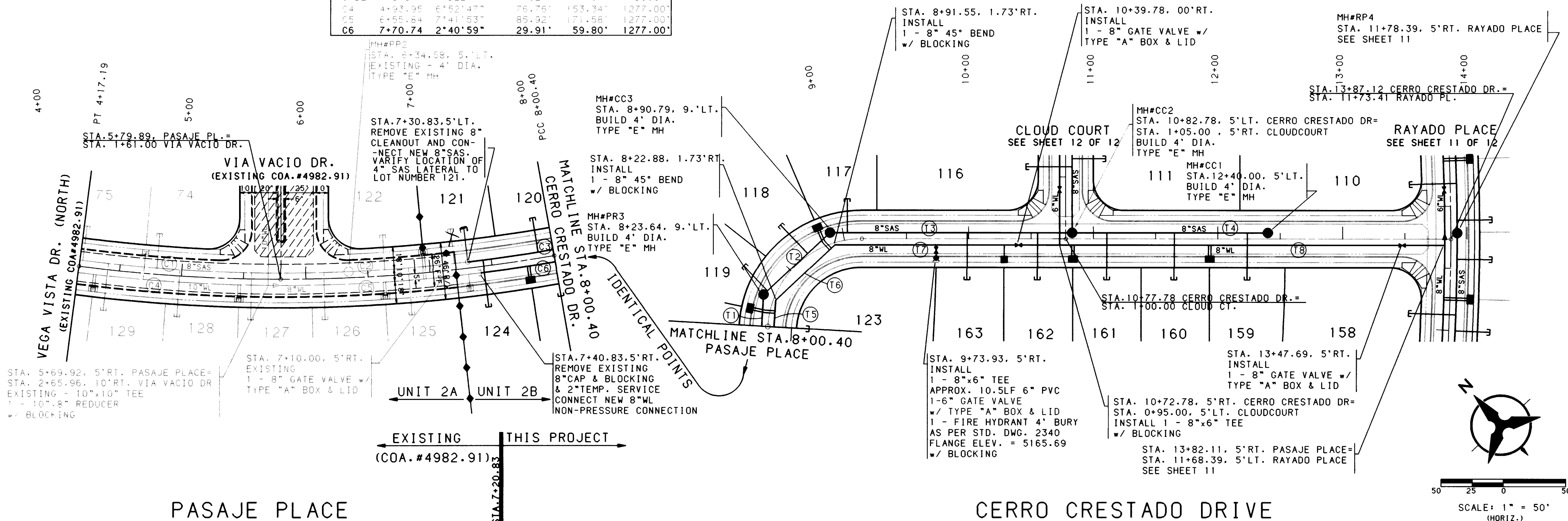


SANITARY SEWER CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	5+25.72	9°47'32"	108.53'	216.54'	1267.00'
C2	6+82.54	4°20'08"	47.96'	95.91'	1267.00'
C3	7+65.49	3°08'01"	34.66'	69.29'	1267.00'

WATERLINE CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C4	4+27.95	6°52'47"	55.75'	111.54'	1277.00'
C5	6+82.54	7°44'53"	85.92'	171.84'	1277.00'
C6	7+70.74	2°40'59"	29.91'	59.80'	1277.00'

SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N45°04'08"E	25.61'
T2	N88°28'22"E	72.73'
T3	S48°07'23"E	194.37'
T4	S48°07'23"E	157.22'

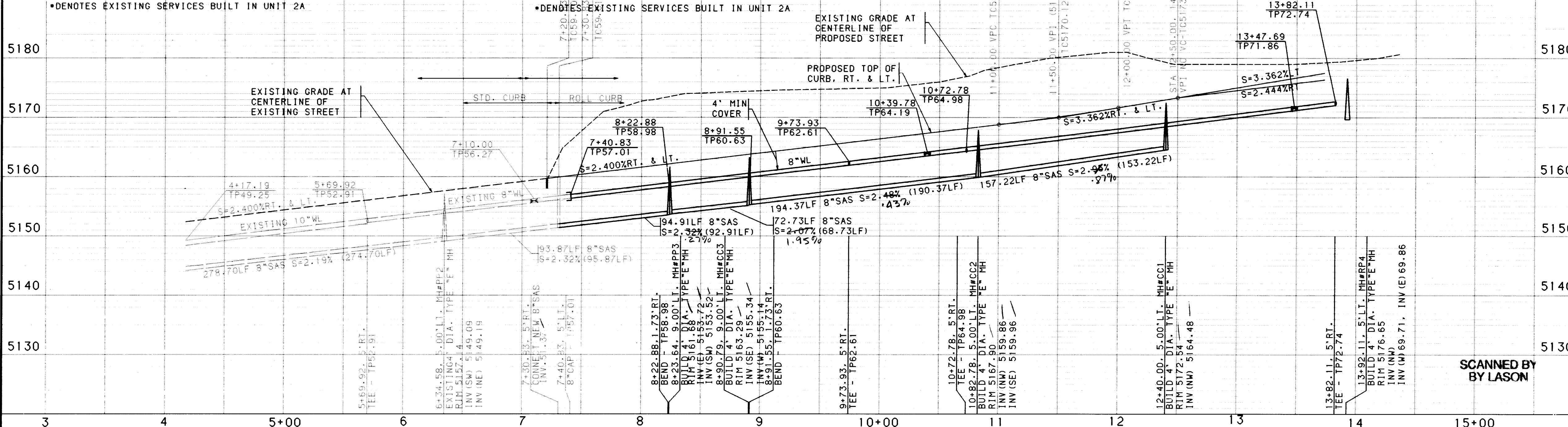
WL TANGENT DATA		
NUMBER	BEARING	DISTANCE
T5	N45°04'07"E	21.63'
T6	S88°28'22"W	64.77'
T7	S48°07'23"E	180.39'
T8	S48°07'23"E	309.33'



- NOTES**
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 - ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
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 - 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.

WATER & SANITARY SEWER SERVICES					
LOT NUMBER	STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG
5210	4+59.48, 5' RT.	SINGLE	4+79.73, 5' LT.	28.00'	47.93
74	4+59.48, 5' RT.	SINGLE	4+79.73, 5' LT.	28.00'	47.93
75	4+08.75, 4.48' RT.	DOUBLE	SEE SHEET 22		
76	4+07.41, 5' LT.	DOUBLE	4+19.62, 5' LT.	35.21'	46.20
130	4+30.58, 5' RT.	DOUBLE	4+40.43, 5' LT.	38.00'	47.37
129	4+30.58, 5' RT.	DOUBLE	4+40.43, 5' LT.	38.00'	47.37
128	5+46.74, 5' RT.	DOUBLE	4+98.46, 5' LT.	38.00'	48.43
127	5+46.74, 5' RT.	DOUBLE	5+56.49, 5' LT.	38.00'	49.90
126	6+52.80, 5' RT.	DOUBLE	6+14.52, 5' LT.	38.00'	51.17
125	6+52.80, 5' RT.	DOUBLE	6+42.81, 5' LT.	38.00'	52.73
124	7+78.86, 4.93' RT.	DOUBLE	7+43.26, 5' LT.	38.00'	54.13
123	7+78.86, 4.93' RT.	DOUBLE	8+00.40, 5' LT.	38.00'	55.45

WATER & SANITARY SEWER SERVICES					
LOT NUMBER	STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG
163	10+28.46, 5' RT.	SINGLE	9+98.86, 5' LT.	38.00'	60.39
162	10+28.46, 5' RT.	SINGLE	10+55.14, 5' LT.	38.00'	61.72
161	10+83.46, 5' RT.	DOUBLE	11+10.73, 5' LT.	38.00'	63.20
160	11+93.46, 5' RT.	DOUBLE	11+64.94, 5' LT.	38.00'	64.79
159	11+93.46, 5' RT.	DOUBLE	12+23.61, 5' LT.	38.00'	66.53
117	8+96.97, 4.13' RT.	DOUBLE	8+90.79, 9' LT.	24.92'	57.78
118	8+96.97, 4.13' RT.	DOUBLE	8+68.76, 1.63' LT.	31.64'	56.95
119	8+13.17, 4.13' RT.	DOUBLE	8+27.22, 7.21' LT.	27.73'	55.64
120	8+13.17, 4.13' RT.	DOUBLE	7+88.08, 5' LT.	28.00'	54.86
121	6+95.48, 5' RT.	DOUBLE	7+30.83, 5' LT.	28.00'	53.40
122	6+95.48, 5' RT.	DOUBLE	6+53.61, 5' LT.	28.00'	51.98



ENGINEER'S SEAL

NO. DATE

REMARKS

DESIGN

DESIGNED BY PR. DF

DRAWN BY TSG

CHECKED BY JRT

DATE 11/95

DATE 11/95

DATE 11/95

CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT

ENGINEERING

SEVEN BAR NORTH - UNIT II-B

UTILITY PLAN & PROFILE

PASAJE PL. / CERRO CRESTADO DR.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	11/95	11/95	WATER	11/95	11/95
TRANSPORTATION	12/08/95	12/08/95	WASTE WATER	12/08/95	12/08/95
HYDROLOGY	12/08/95	12/08/95	NMUI	12/08/95	12/08/95

DRAWING NO. 4982.95

MAP NO. A-13

SHEET 10 OF 12

SEWER TANGENT DATA		
NUMBER	BEARING	DISTANCE
11	N77°04'01"E	143.30'

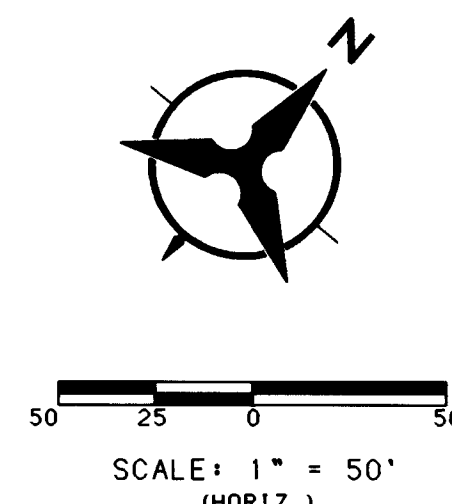
WATER & SANITARY SEWER SERVICES					
LOT NUMBER	STATION & WL & OFFSET	WL TYPE	STATION & SAS & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG
8	4+51.28, 5' LT.	DOUBLE	3+95.57, 6.99' LT.	40.00'	38.74
28			4+83.53, 5' RT.	28.00'	39.54
29	5+55.10, 5' LT.	DOUBLE	5+14.83, 5' RT.	28.00'	40.22
30			5+73.44, 5' RT.	28.00'	42.35
91	6+75.96, 5' LT.	DOUBLE	6+27.17, 5' RT.	28.00'	43.73
92			6+85.78, 5' RT.	28.00'	46.59
93	7+88.29, 5' LT.	DOUBLE	7+39.55, 5' RT.	28.00'	50.50
94			8+18.26, 5' RT.	28.00'	55.79
95	9+00.63, 5' LT.	DOUBLE	8+72.12, 5' RT.	28.00'	59.13
96			9+28.20, 5' RT.	28.00'	62.65
97	10+12.97, 5' LT.	DOUBLE	9+85.94, 5' RT.	28.00'	64.80
98			10+42.66, 5' RT.	28.00'	66.91

WATERLINE CURVE DATA					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C7	6+20.50	15°13'14"	242.24'	481.62'	1813.00'
C8	10+13.97	9°43'49"	154.32'	307.90'	1813.00'
C9	12+77.19	6°52'4.7"	108.79'	217.32'	1813.00'

WATER TANGENT DATA		
NUMBER	BEARING	DISTANCE
T3	S58°15'11.7"E	25.32

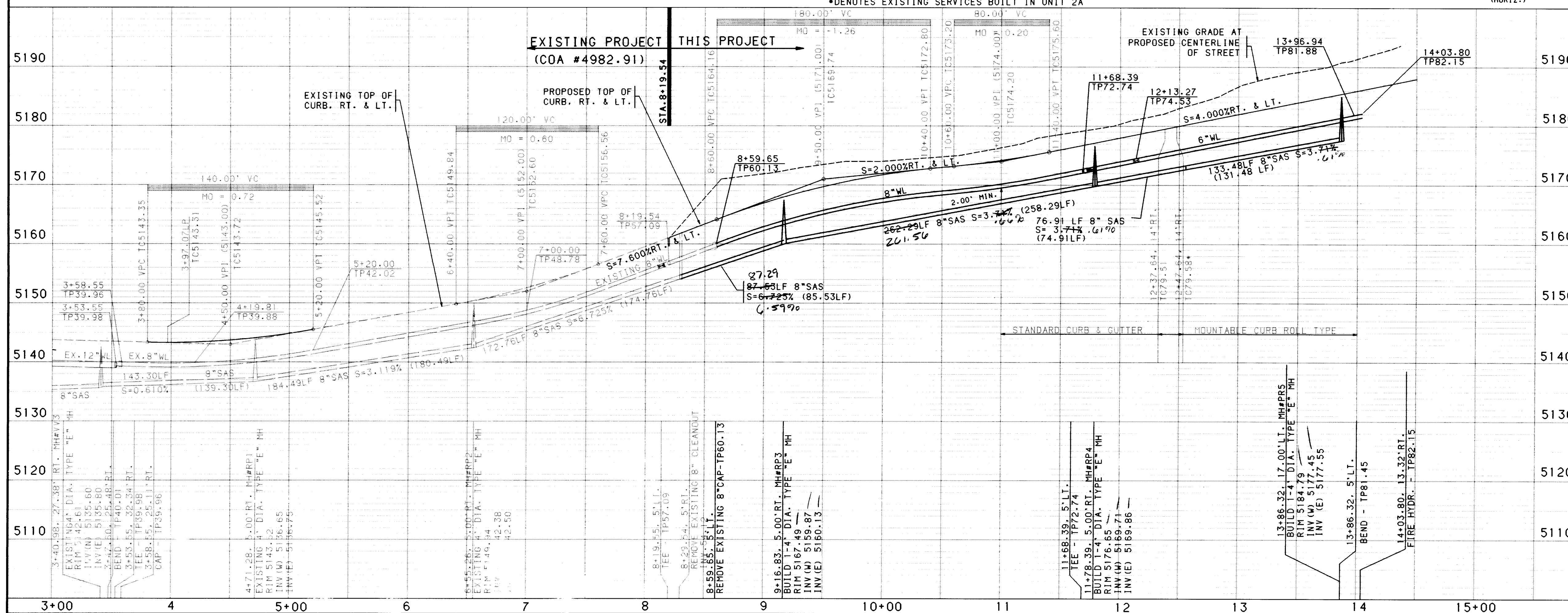
NOTES

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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.




WATER & SANITARY SEWER SERVICES					
LOT NUMBER	STATION WL & OFFSET	WL TYPE	STATION SAS & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG
99			10+99.79, 5'RT.	28.00'	69.03
100	11+25.30, 5'LT.	DOUBLE	11+57.30, 5'RT.	28.00'	71.17
101			11+88.85, 5'RT.	28.00'	72.34
102	12+37.64, 5'LT.	DOUBLE	12+47.46, 5'RT.	28.00'	74.52
103			12+97.95, 2.62'RT.	30.55'	76.79
104	13+50.75, 5'LT.	DOUBLE	13+50.49, 6.58'LT.	40.71'	79.14
105			13+86.32, 17.0'LT.	50.00'	81.11
106	13+91.60, 0.54'RT.	DOUBLE	13+86.32, 17.0'LT.	50.00'	81.11
107			13+86.32, 17.0'LT.	50.00'	81.11
108	13+67.31, 5'LT.	DOUBLE	13+30.30, 2.21'LT.	31.36'	77.40
109			12+69.65, 4.70'RT.	37.73'	75.27
110	12+56.67, 5'LT.	DOUBLE	12+18.28, 5'RT.	38.00'	74.13


WATER & SANITARY SEWER SERVICES						
LOT NUMBER	STATION & OFFSET	WL TYPE	SANITARY STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG	
147			4+14.95, 7.03' LT.	26.30'	38.43'	
148	4+42.10, 5' LT.	DOUBLE	4+56.76, 1.68' RT.	35.56'	38.97'	
149	5+64.37, 5' LT.	DOUBLE	5+10.76, 5' RT.	38.00'	40.39'	
150			5+79.65, 5' RT.	38.00'	42.55'	
151	6+91.95, 5' LT.	DOUBLE	6+38.35, 5' RT.	38.00'	44.38'	
152			7+02.14, 5' RT.	38.00'	48.00'	
153	7+55.75, 5' LT.	SINGLE	7+77.24, 5' RT.	38.00'	00.00'	
154	8+83.33, 5' LT.	SINGLE	8+55.04, 5' RT.	38.00'	58.28'	
155			8+93.30, 5' RT.	38.00'	60.86'	
156	9+47.12, 5' LT.	DOUBLE	9+80.48, 5' RT.	38.00'	64.89'	
157			10+36.83, 5' RT.	38.00'	66.99'	
158	10+74.71, 5' LT.	DOUBLE	11+12.56, 5' RT.	38.00'	69.81'	



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



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING



SEVEN BAR NORTH - UNIT II-B
UTILITY PLAN & PROFILE
RAYADO PLACE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		2/7/19
TRANSPORTATION			WASTE WATER		2/7/19
HYDROLOGY			NMUI		11-27-20

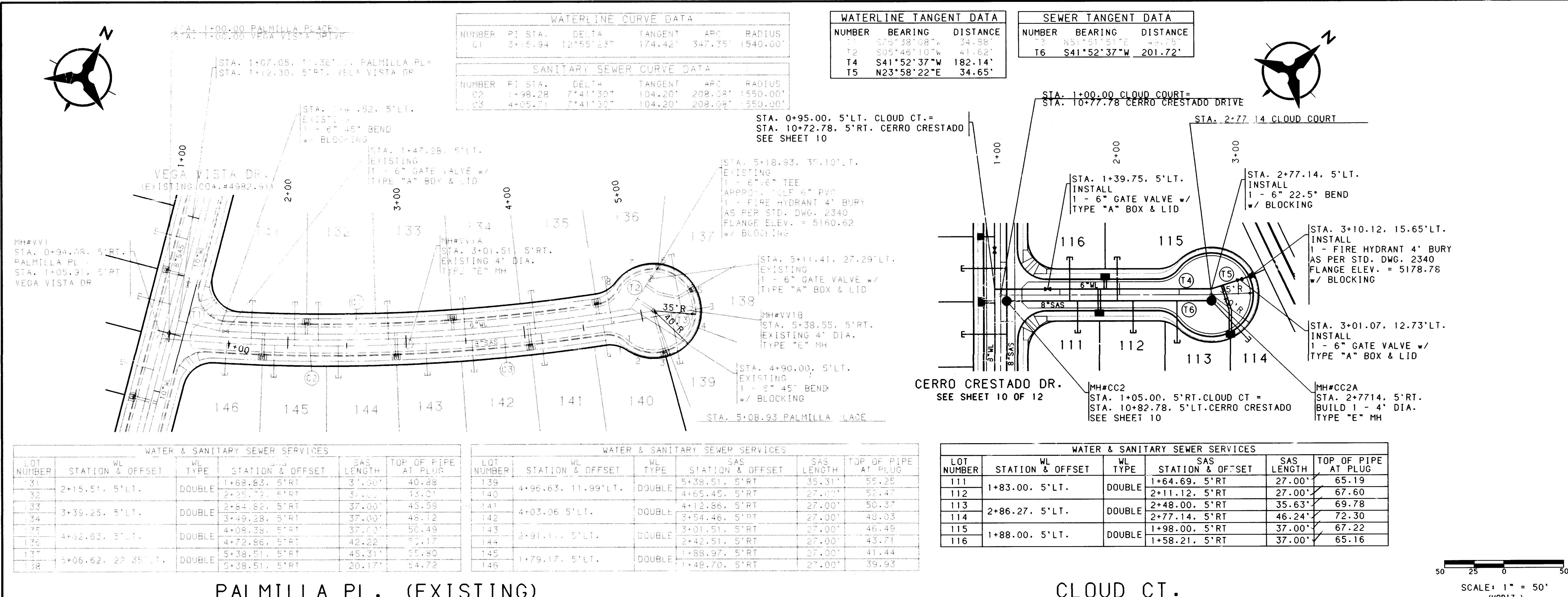
DRAWING NO. 4982.95		MAP NO. A-13	SHEET 11 OF 12
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SCANNED BY
BY LASON

BHI JOB NO. 93217A2440

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DATE: JANUARY, 1995



NOTES

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AS-BUILT INFORMATION

CONTRACTOR: *James R. Topmiller*
STARTED BY: *James R. Topmiller*
INSPECTOR: *James R. Topmiller*
DATE: *11/15/95*
FIELD ELEV. BY: *James R. Topmiller*
DATE: *11/15/95*
FIELD ELEV. BY: *James R. Topmiller*
DATE: *11/15/95*
CORRECTED BY: *James R. Topmiller*
DATE: *11/15/95*
MICRO-FILM INFORMATION
RECORDED BY: *James R. Topmiller*
DATE: *11/15/95*

ENGINEER'S SEAL

NO. _____ DATE _____ BY _____
REMARKS _____
DESIGN _____
NO. DATE _____
DESIGNED BY _____
DRAWN BY _____
CHECKED BY _____

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

SEVEN BAR NORTH - UNIT II-B
UTILITY PLAN & PROFILE
PALMILLA PL. (EXISTING) / CLOUD CT.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>James R. Topmiller</i>	<i>11/15/95</i>	WATER	<i>James R. Topmiller</i>	<i>11/15/95</i>
TRANSPORTATION	<i>James R. Topmiller</i>	<i>11/15/95</i>	WASTE WATER	<i>James R. Topmiller</i>	<i>11/15/95</i>
HYDROLOGY	<i>James R. Topmiller</i>	<i>11/15/95</i>	MUW	<i>James R. Topmiller</i>	<i>11/15/95</i>

DRAWING NO. 4982.95 MAP NO. A-13 SHEET 12 OF 12

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

SCANNED BY LASON
BY LASON

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DATE: FEBRUARY, 1995