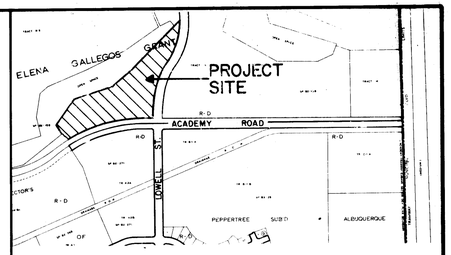
CONSTRUCTION PLANS
FOR
THE BROADMOOR AT TANOAN
ALBUQUERQUE, NEW MEXICO

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	COMPOSITE MAP
3-7	SUBDIVISION PLAT
8	PAVING LAYOUT
9	WATER DISTRIBUTION PLAN
10	SANITARY SEWER LAYOUT
11	OFFSITE GRADING & DETAILS
12-13	GRADING PLAN
	PAVING PLAN & PROFILE
14	COUNTRY CLUB DRIVE, WOODMAR LANE
15	WOODMAR LANE
16	WOODMAR LANE, TRACT 8
17	WOODMAR WAY
	UTILITY PLAN & PROFILE
18	COUNTRY CLUB DRIVE, WOODMAR LANE
19	WOODMAR LANE
20	WOODMAR LANE
21	WOODMAR WAY
22	STORM DRAIN DETAIL SHEET



VICINITY MAP
NOT TO SCALE
E-22

GENERAL NOTES

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 CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS PUBLIC WORKS CONSTRUCTION, 1985 EDITION.
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, 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 SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

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

86

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 7/21/86

REV	SHEETS	CITY ENGINEER	DATE	USER	DEPT.	DATE	USER	DEPT.	DATE
4	1-22								
3	14,18,17		5/12/86			5/19/86			
2	12,13	W.A. PRIVATE	5/13/86						
1	14,15,16,17,18,19		5/13/86						

APPROVAL OF REVISIONS

1	2	3	4	5	6	7	8	9	10	11	12
2	6	2	6	1	0	0	1	8	6		

RECORD DRAWINGS
DATE 6/4/86

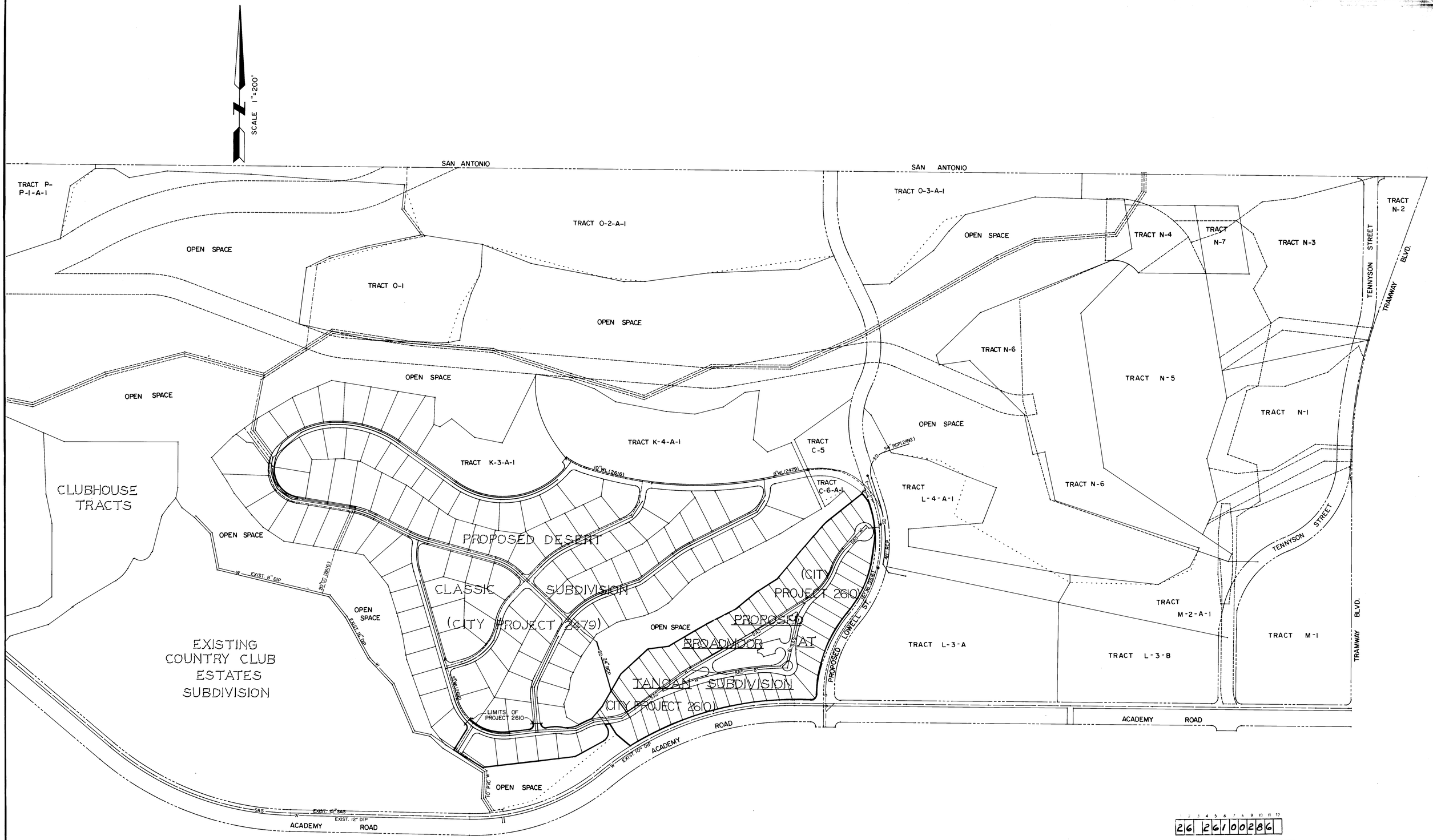
11-29-85

BOHANNAN · HUSTON INC.
ALBUQUERQUE · SANTA FE · EL PASO
ENGINEERS PLANNERS PHOTOGRAMMETRISTS

PROJECT NUMBER 2610

APPROVED FOR CONSTRUCTION
3/4/86
DESIGN - A.C.E.

SHEET 1 OF 22



26 261 00286

RECORD DRAWINGS
DATE 6/4/86

COMPOSITE MAP OF TANOAN PROPERTIES

PROJECT 2610 SHT. 2 OF 22

SANITARY & STORM SEWER IMPROVEMENTS

~~C29 167 1~~ C30-66-1

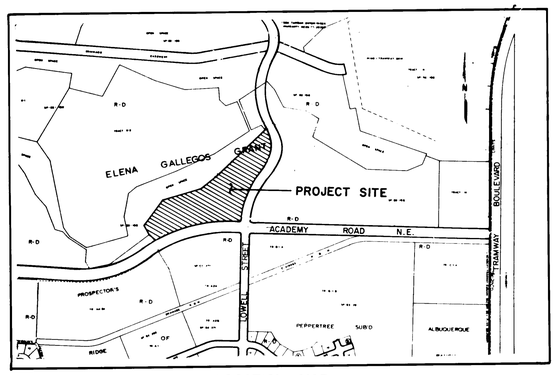
86 35105 ~~20388~~

CORRECTED
BROADMOOR AT TANOAN

REPLAT OF
TRACT L-2-A-1 OF THE SECOND REVISION PLAT
OF
TANOAN PROPERTIES
Filed: Sept. 23, 1985 (Vol. C28, Folio 79)

ALBUQUERQUE, NEW MEXICO
APRIL 1986

C30 66



LOCATION MAP

NOT TO SCALE
ZONE ATLAS MAP NO. E-22-Z

EASEMENTS

1. Tract 1, 6 and the fifteen (15) foot Pedestrian Access and Public Utility Easement are granted for the common use and joint benefit of:

(a) The City of Albuquerque for installation, service and maintenance of water and sewer lines, valves, pumps and/or other related equipment and facilities reasonably necessary to deliver potable water to the residents of the subdivision and provide a liquid waste disposal system in accordance with the plans and procedures of the City of Albuquerque;

(b) The Public Service Company of New Mexico for installation, maintenance and service of electrical lines, transformers and other equipment and related facilities reasonably necessary to provide electrical service to the residents of the subdivision;

(c) The Gas Company of New Mexico for installation of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas to the residents of the subdivision;

(d) Mountain Bell for the installation, service and maintenance of all telephone lines, switching equipment and other related equipment and facilities reasonably necessary to provide telephone service to the residents of the subdivision;

(e) Albuquerque Cable Television, Inc., for the purpose of installation, service and maintenance of such line or cable as is reasonably required to provide Cable TV service to the residents of the subdivision;

(f) Tanoan Community Association, for the purpose of installation, maintenance and service of community lighting, street paving, landscape irrigation and other community utilities.

2. ACCESS EASEMENTS: Tracts 1, 5 and 7 are hereby granted to the City of Albuquerque as Access Easements for the purpose of allowing its various operating departments to provide service to the residents of the subdivision in the same manner and to the same extent as though the referenced tracts were dedicated public streets. "Operating departments" as referred to above shall include, but shall not be limited to, the department of the City providing the following services: (1) Police protection; (2) Fire protection, (3) Water resources; (4) Solid refuse and liquid waste disposal; (5) Animal control; (6) City Planning functions; and (7) Traffic engineering and control. All owners of the subdivision are granted the right to access their property over and across the referenced tracts.

Tract 6 is hereby granted to the City of Albuquerque as an Emergency Access Easement and waterline easement for the purpose of allowing its various operating departments to provide service to the residents of the subdivision only in the event of an emergency need for the service, when the lack of such service constitutes a threat to life, health or property.

Tracts 2, 3, 4, 8 and 9 are hereby granted as private Access Easements and Recreation sites to the Tanoan Community Association (including homeowner members).

3. In Tract 1 and Tract 6, the City of Albuquerque shall have the exclusive right to place underground utility lines within six (6) feet of the centerline of a water or sewer line except for perpendicular crossings or where written approval has been obtained from the City of Albuquerque. The Public Service Company of New Mexico, the Gas Company of New Mexico, Mountain Bell and Albuquerque Cable Television are exempted from compliance with the requirements of the first sentence of this paragraph. Private irrigation lines may be placed within the twelve foot exclusive use easement in Tracts 2, 3 and 4 with the understanding that removal and replacement of the irrigation lines will be at the expense of the Tanoan Community Association in the event that the service and maintenance of public utilities requires their removal.

4. Tract 1 and the five (5) foot drainage easement (shown on the boundary) are hereby granted as Private Drainage Easements to the Tanoan Community Association for the purpose of conveying surface storm runoff to public facilities. The Tanoan Community Association has the right to enter said easements for the purpose of maintaining the private drainage facilities constructed within said easements.

SUBDIVISION DATA

1. DRB Number: 85-494, 85-559.
2. Zone Atlas Index No.: E-22-Z
3. Site is located within projected Section 27, T11N, R4E, N.M.P.M.
4. The boundary of this plat was prepared from plats of record. No field survey was performed and no corners were set or found.
5. This plat shows existing easements.
6. No public streets were created or deleted.
7. Total number of tracts created: 9 tracts, 53 lots.
8. The purpose for the filing of this plat is to subdivide Tract L-2-A-1, SECOND REVISION PLAT OF TANOAN PROPERTIES, and to vacate the floating drainage easement granted by that plat. (Vacation request approved as V-85-70)
9. Gross Subdivison Acreage: 14.7883 Acres.

NOTES

1. The bearings are N.M. State Plane Grid Bearings (Central Zone) and are the same as shown on the SECOND REVISION PLAT OF TANOAN PROPERTIES filed September 23, 1985 in Book C28, Folio 79.
2. Distances are ground distances.
3. Centerline (in lieu of R/W) Monumentation to be installed at centerline PC's, PT's, angle points and street intersections prior to acceptance of subdivision street improvements and will consist of a four-inch (4") aluminum alloy cap (with magnet attached) stamped "City of Albuquerque Centerline Monumert", "Do Not Disturb", "P.L.S. #6544".

The purpose for the refiling of this plat is to correct errors in the curve table and five areas in the original plat; otherwise, there are no other changes to the original plat. The original plat, The Broadmoor at Tanoan, was filed for public record in Bernalillo County, New Mexico, as Document Number 86-20398 in Book C29, page 167, on March 7, 1986.

APPROVALS

PLAT NUMBER S-85-29

PLANNING DIRECTOR	DATE 3-7-86 RD 4-22-86
CITY ENGINEER	DATE 3-6-86
A.M.A.F.C.A.	DATE 3-6-86
TRAFFIC ENGINEER	DATE 1-7-86
CITY SURVEYOR	DATE 1/7/86 4/15/86
PROPERTY MANAGEMENT	DATE 1-7-86
WATER RESOURCES	DATE 1-7-86
PARKS AND RECREATION	DATE 1-7-86
PUBLIC SERVICE COMPANY OF NEW MEXICO	DATE 2-5-86
MOUNTAIN BELL	DATE 1-6-86
GAS COMPANY OF NEW MEXICO	DATE 1-6-86

FREE CONSENT AND DEDICATION

The foregoing Replat of that certain tract of land situate within the Elena Gallegos Grant, City of Albuquerque, Bernalillo County, New Mexico, being Tract L-2-A-1, SECOND REVISION PLAT OF TANOAN PROPERTIES, as the same is shown and designated on the plat filed in the office of the County Clerk of Bernalillo County, New Mexico on September 23, 1985 in Book C28, Folio 79 and now hereon shown and comprising Tracts 1 thru 9 and Lots 1 thru 53, BROADMOOR AT TANOAN is with 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 grant all easements as shown on this plat. Electrical Power and Communication easements are reserved for overhead distribution lines for pole type utilities and buried distribution lines, conduits and 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.

C29 167

YOUNG AMERICA ENTERPRISES, INC.

David Hunt, Vice President

10-11-88

State of New Mexico)
ss
County of Bernalillo)

The foregoing instrument was acknowledged before me this 6th day of March, 1986 by David Hunt, Vice President of Young America Enterprises, Inc., a New Mexico corporation on behalf of said corporation.

My Commission Expires: 10-11-88 Lisa K. Cornwell
Notary Public

AMERIWEST CORPORATION

Allan L. Whitesel, Vice President 12/17/85

10-11-88

State of New Mexico)
ss
County of Bernalillo

The foregoing instrument was acknowledged before me this 17th day of December, 1985 by Allan L. Whitesel, Vice President of AmeriWest Corporation, a New Mexico corporation on behalf of said corporation.

My Commission Expires: 10-11-88 Lisa K. Cornwell
Notary Public

HACKER, LTD.

Stephen W. Hacker, President

10-11-88

State of New Mexico)
ss
County of Bernalillo)

The foregoing instrument was acknowledged before me this 6th day of March, 1986 by Stephen W. Hacker, President of Hacker, Ltd., a New Mexico corporation on behalf of said corporation.

My Commission Expires: 10-11-88 Lisa K. Cornwell
Notary Public

SURVEYOR'S CERTIFICATION

I, A. Dwain Weaver, a registered Professional New Mexico Land Surveyor, certify that this plat was prepared by me or under my supervision, shows all easements of record, 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.

A. Dwain Weaver
P.L.S. No. 6544
New Mexico

Bohannan-Huston, Inc.
4125 Carlisle Blvd. N.E.
Albuquerque, NM 87107

State of New Mexico)
ss
County of Bernalillo

The foregoing instrument was acknowledged before me this 16th day of December, 1985, by A. Dwain Weaver.

My Commission Expires: 2/23/86 Marsha Weller
Notary Public

MARSHA WELLER
STATE OF NEW MEXICO

JOB NO. 51631

SHEET 1 OF 5 SHEETS

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C30-66-1 ~~C29 167 1~~

26 26100386

PROJECT 2610
SHEET 3 OF 22

C30-66-2 ~~C29-167-2~~

86 35105

CORRECTED

BROADMOOR AT TANOAN

REPLAT OF
TRACT L-2-A-1 OF THE SECOND REVISION PLAT
OF
TANOAN PROPERTIES
Filed: Sept. 23, 1985 (Vol. C28, Folio 79)

ALBUQUERQUE, NEW MEXICO
APRIL 1986 SCALE: 1" = 100'

NOTE:

The floating drainage easement dedicated by the Second Revision Plat of the Tanoan Properties is to be vacated by the filing of this plat. (Vacation request approved as V-85-70.)

All streets are to be private and will be maintained by the Tanoan Community Association.

No direct access will be allowed from any individual lot to either Lowell Street or Academy Road.

C30
66

SECOND REVISION PLAT OF
TANOAN PROPERTIES
Filed: September 23, 1985
(C28-79)

CURVE TABLE

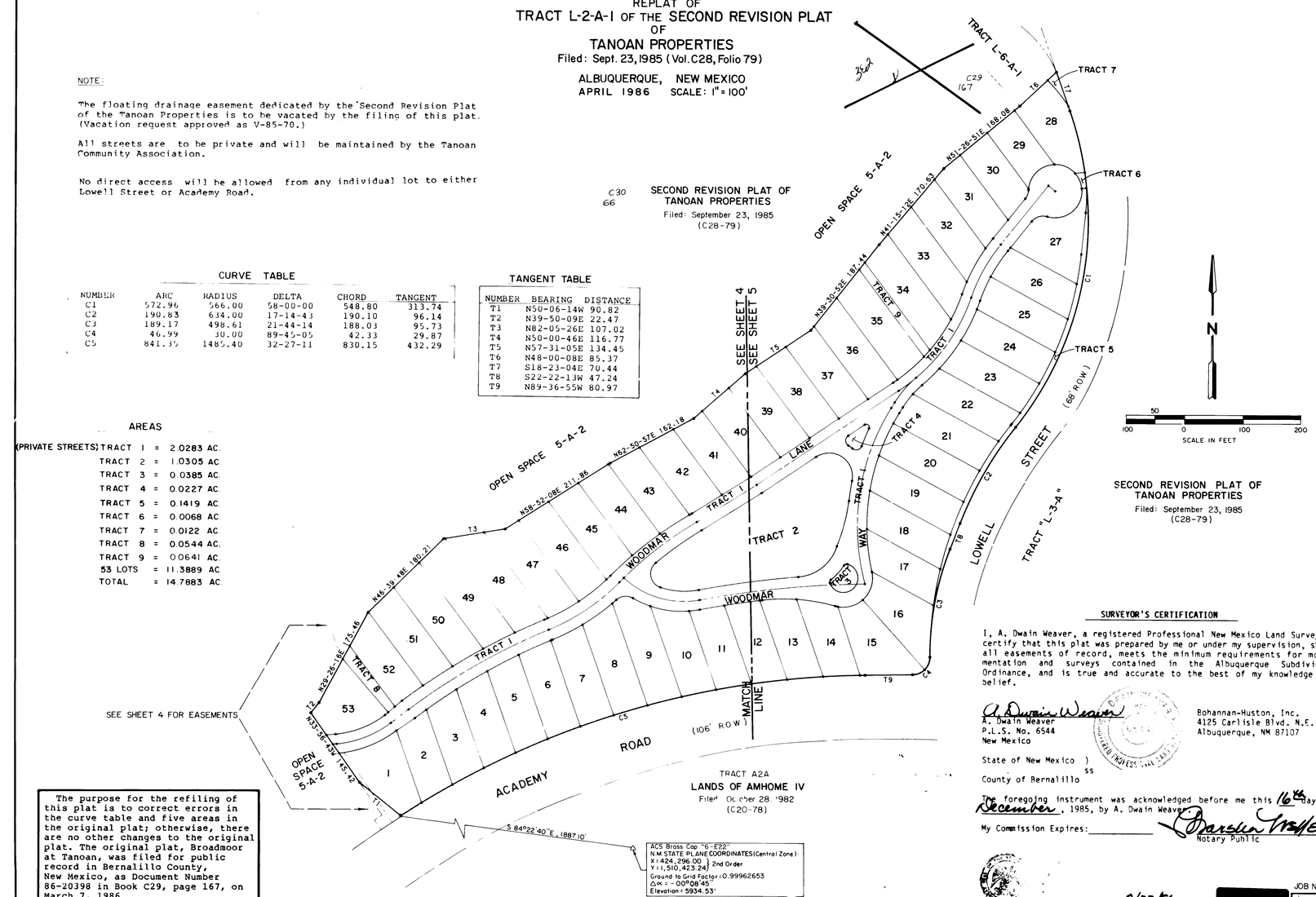
NUMBER	ARC	RADIUS	DELTA	CHORD	TANGENT
C1	572.96	566.00	58-00-00	548.80	313.74
C2	190.83	634.00	17-14-43	190.10	96.14
C3	189.17	498.61	21-44-14	188.03	95.73
C4	46.99	30.00	89-45-05	42.33	29.87
C5	841.35	1485.40	32-27-11	830.15	432.29

TANGENT TABLE

NUMBER	BEARING	DISTANCE
T1	N50-06-14W	90.82
T2	N39-50-09E	22.47
T3	N82-05-26E	107.02
T4	N50-00-46E	116.77
T5	N57-31-05E	134.45
T6	N48-00-08E	85.37
T7	S18-23-04E	70.44
T8	S22-22-13W	47.24
T9	N89-36-55W	80.97

AREAS

(PRIVATE STREETS)	TRACT 1	=	2.0283 AC.
	TRACT 2	=	1.0305 AC.
	TRACT 3	=	0.0385 AC.
	TRACT 4	=	0.0227 AC.
	TRACT 5	=	0.1419 AC.
	TRACT 6	=	0.0068 AC.
	TRACT 7	=	0.0122 AC.
	TRACT 8	=	0.0544 AC.
	TRACT 9	=	0.0641 AC.
	53 LOTS	=	11.3889 AC.
	TOTAL	=	14.7883 AC.



SECOND REVISION PLAT OF
TANOAN PROPERTIES
Filed: September 23, 1985
(C28-79)

SEE SHEET 4 FOR EASEMENTS

The purpose for the refiling of this plat is to correct errors in the curve table and five areas in the original plat; otherwise, there are no other changes to the original plat. The original plat, Broadmoor at Tanoan, was filed for public record in Bernalillo County, New Mexico, as Document Number 86-20398 in Book C29, page 167, on March 7, 1986.

SURVEYOR'S CERTIFICATION

I, A. Dwain Weaver, a registered Professional New Mexico Land Surveyor, certify that this plat was prepared by me or under my supervision, shows all easements of record, 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.

A. Dwain Weaver
A. Dwain Weaver
P.L.S. No. 6544
New Mexico

Bohannan-Huston, Inc.
4125 Carlisle Blvd. N.E.
Albuquerque, NM 87107

State of New Mexico)
ss
County of Bernalillo

The foregoing instrument was acknowledged before me this 16th day of December, 1985, by A. Dwain Weaver.

My Commission Expires: _____

Barbara Walker
Notary Public

2/23/86

[redacted]

JOB NO. 51631

SHEET 2 OF 5 SHEETS

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C30-66-2 ~~C29-167-2~~

26 26100486

PROJECT 2610
SHEET 4 OF 22

C30-66-3 ~~C29-167-3~~

~~C-20398~~

CORRECTED 86 ~~85~~205

BROADMOOR AT TANOAN

REPLAT OF

TRACT L-2-A-1 OF THE SECOND REVISION PLAT

OF

TANOAN PROPERTIES

Filed: Sept. 23, 1985 (Vol. C28, Folio 79)

ALBUQUERQUE, NEW MEXICO

APRIL 1986

C29 167

C30 66

CURVE TABLE

NUMBER	ARC	RADIUS	DELTA	CHORD	TANGENT
C1	572.96	566.00	58-00-00	548.80	313.74
C2	190.83	634.00	17-14-43	190.10	96.14
C3	189.17	498.61	21-44-14	188.03	95.73
C4	46.99	30.00	89-45-05	42.33	29.87
C5	841.35	1485.40	32-27-11	830.15	432.29
C6	100.81	182.94	31-34-16	99.54	51.72
C7	276.33	1081.36	14-38-29	275.58	138.92
C8	146.59	362.00	23-12-05	145.59	74.31
C9	8.72	625.00	0-47-58	8.72	4.36
C10	159.81	625.00	14-39-01	159.37	80.34
C11	119.96	1982.13	3-28-04	119.95	60.00
C12	91.64	166.32	31-34-16	90.49	47.02
C13	44.20	1099.98	2-18-08	44.19	22.10
C14	60.12	1099.98	3-07-54	60.11	30.07
C15	60.41	1099.98	3-08-49	60.41	30.21
C16	60.90	1099.98	3-10-20	60.89	30.46
C17	55.43	1099.98	2-53-14	55.43	27.72
C18	6.14	343.38	1-01-27	6.14	3.07
C19	60.70	343.38	10-07-42	60.62	30.43
C20	60.11	343.38	10-01-47	60.03	30.13
C21	9.59	343.38	1-35-59	9.59	4.79
C22	50.81	641.62	4-32-15	50.80	25.42
C23	60.04	641.62	5-21-40	60.02	30.04
C24	60.18	641.62	5-22-25	60.15	30.11
C25	4.81	641.62	0-25-46	4.81	2.40
C26	60.52	1965.50	1-45-52	60.52	30.26
C27	58.43	1965.50	1-42-12	58.43	29.22
C28	8.79	299.86	1-40-47	8.79	4.40
C29	60.27	299.86	11-30-59	60.17	30.24
C30	15.31	299.86	2-55-34	15.31	7.66
C31	63.63	299.86	12-09-30	63.51	31.94
C32	46.72	299.86	8-55-40	46.68	23.41
C33	22.95	318.85	4-07-29	22.95	11.48
C34	65.85	318.85	11-49-56	65.73	33.04
C35	21.16	318.85	3-48-11	21.16	10.59
C36	16.01	25.00	36-42-02	15.74	8.29
C37	2.23	45.63	2-48-05	2.23	1.12
C38	66.04	45.63	82-56-13	60.43	40.32
C39	39.99	45.63	50-13-29	38.73	21.38
C40	28.73	45.63	36-04-30	28.25	14.86
C41	106.99	199.57	30-42-55	105.71	54.81
C42	24.00	1062.73	1-17-39	24.00	12.00
C43	62.09	1062.73	3-20-52	62.08	31.06
C44	61.25	1062.73	3-18-08	61.24	30.63
C45	60.64	1062.73	3-16-00	60.63	30.33
C46	60.24	1062.73	3-14-52	60.23	30.13
C47	3.31	1062.73	0-10-43	3.31	1.66
C48	57.24	380.63	8-36-59	57.19	28.67
C49	62.66	380.63	9-25-58	62.59	31.40
C50	9.34	380.63	1-24-23	9.34	4.67
C51	30.63	24.37	72-00-45	28.65	17.71
C52	32.52	166.63	11-10-57	32.47	16.31
C53	67.53	166.63	23-13-18	67.07	34.24
C54	18.62	166.63	6-24-15	18.61	9.32
C55	42.33	1625.12	1-29-33	42.33	21.17
C56	61.15	1625.12	2-09-21	61.14	30.58
C57	4.27	1625.12	00-09-02	4.27	2.14
C58	58.63	315.00	10-39-53	58.55	29.40
C59	67.77	315.00	12-19-35	67.64	34.02
C60	4.42	50.00	5-03-39	4.41	2.21
C61	45.85	50.00	52-32-42	44.26	24.68
C62	53.06	50.00	60-48-12	50.61	29.34
C63	73.64	366.34	11-31-01	73.51	36.94
C64	65.96	366.34	10-19-00	65.87	33.07
C65	62.01	366.34	9-41-56	61.94	31.08
C66	60.28	366.34	9-25-40	60.21	30.21
C67	20.52	366.34	3-12-33	20.52	10.26
C68	28.59	163.38	10-01-30	28.55	14.33
C69	22.28	163.38	7-48-48	22.26	11.16
C70	40.61	333.11	6-59-07	40.59	20.33
C71	60.79	333.11	10-27-21	60.70	30.48
C72	60.11	333.11	10-20-18	60.03	30.14
C73	15.49	333.11	2-39-54	15.49	7.75
C74	44.88	285.60	9-00-14	44.83	22.49
C75	53.61	285.60	10-45-22	53.54	26.89
C76	29.61	25.00	67-51-00	27.91	16.82
C77	89.60	45.63	112-30-54	75.88	68.30
C78	56.86	279.37	11-39-38	56.76	28.53
C79	108.55	566.00	10-59-20	108.39	54.44
C80	42.03	1485.40	1-37-16	42.02	21.01

CURVE TABLE

NUMBER	ARC	RADIUS	DELTA	CHORD	TANGENT
C81	60.91	1485.40	2-20-57	60.90	30.46
C82	60.72	1485.40	2-20-31	60.71	30.36
C83	60.39	1485.40	2-19-46	60.38	30.20
C84	60.16	1485.40	2-19-14	60.16	30.08
C85	60.03	1485.40	2-18-56	60.03	30.02
C86	60.01	1485.40	2-18-53	60.00	30.01
C87	60.08	1485.40	2-19-02	60.07	30.04
C88	60.25	1485.40	2-19-26	60.24	30.13
C89	60.52	1485.40	2-20-03	60.51	30.26
C90	60.89	1485.40	2-20-56	60.89	30.45
C91	61.38	1485.40	2-22-04	61.38	30.70
C92	61.99	1485.40	2-23-28	61.99	31.00
C93	62.95	1485.40	2-25-41	62.95	31.48
C94	9.06	1485.40	0-20-58	9.06	4.53
C95	22.89	30.00	43-43-17	22.34	12.04
C96	24.10	30.00	46-01-49	23.46	12.74
C97	88.79	629.26	8-05-05	88.72	44.47
C98	63.16	629.26	5-45-03	63.13	31.61
C99	61.47	629.26	5-35-49	61.45	30.76
C100	60.46	629.26	5-30-18	60.44	30.25
C101	60.04	629.26	5-28-01	60.02	30.04
C102	60.17	629.26	5-28-44	60.15	30.11
C103	34.04	629.26	3-05-57	34.03	17.02
C104	23.58	557.00	2-25-33	23.58	11.79
C105	60.20	557.00	6-11-35	60.18	30.13
C106	60.06	557.00	6-10-41	60.03	30.06
C107	60.62	557.00	6-14-09	60.59	30.34
C108	61.96	557.00	6-22-23	61.92	31.01
C109	51.30	557.00	5-16-36	51.28	25.67
C110	42.32	276.69	8-45-47	42.28	21.20
C111	139.19	150.00	53-09-53	134.24	75.06
C112	284.77	1641.75	9-56-18	284.41	142.74
C113	312.91	382.96	46-48-57	304.28	165.78
C114	56.04	180.00	17-50-18	55.81	28.25
C115	37.36	316.49	6-45-51	37.34	18.70
C116	168.17	316.49	30-26-40	166.20	86.12
C117	104.23	302.23	19-45-36	103.71	52.64
C118	52.23	24.37	122-48-01	42.79	44.70
C119	65.83	133.38	28-16-44	65.16	33.60
C120	176.26	1658.37	6-05-23	176.18	88.25
C121	82.33	75.28	62-39-58	78.29	45.83
C122	7.90	99.57	2-16-00	7.90	3.95
C123	22.00	1485.40	0-50-55	22.00	11.00
C127	91.96	328.00	16-03-52	91.66	46.29
C128	30.43	399.59	4-21-47	30.42	15.22
C129	94.03	40.00	134-41-16	73.83	95.83
C130	120.97	1998.75	3-28-04	120.95	60.50
C131	100.05	608.37	9-25-21	99.94	50.14
C132	6.31	5.00	72-19-26	5.90	3.65
C133	101.32	24.75	234-33-24	44.00	1.00
C134	6.31	5.00	72-19-22	5.90	3.65
C135	33.60	100.25	19-12-05	33.44	16.96
C136	8.82	62.25	8-07-06	8.81	4.42
C137	19.20	10.00	110-00-47	16.38	14.28
C138	32.81	399.59	4-42-14	32.80	16.41
C139	12.94	5.00	148-16-33	9.62	17.60
C140	26.88	276.69	5-33-56	28.87	13.45
C141	566.00	464.40	47-00-40	451.49	246.17

NOTE: TABLE DATA PERTAINS TO SHEETS 4 AND 5 ONLY.

TANGENT TABLE

NUMBER	BEARING	DISTANCE
T1	N39-50-09E	22.47
T2	S18-23-04E	70.44
T3	S22-22-13W	47.24
T4	N89-36-55W	80.97
T5	N85-35-01E	6.43
T6	N54-00-51E	38.04
T7	N85-35-01E	15.85
T8	N51-00-17E	7.23
T9	N51-00-17E	15.03
T10	N51-00-17E	15.84
T11	S33-56-43E	19.11
T12	S33-56-43E	19.08
T13	N85-19-30E	16.72
T14	N85-19-30E	7.94
T15	N57-01-25E	38.09
T16	N32-50-01E	11.25
T17	N39-59-14E	6.77
T18	N39-59-14E	57.78
T19	N50-00-46E	19.19
T20	N29-26-16E	16.54
T21	N46-39-48E	0.77
T22	N82-05-26E	2.46
T23	N58-52-08E	3.77
T24	N39-30-52E	8.75
T25	N39-30-52E	15.52
T26	N51-26-51E	11.79
T27	N48-00-08E	20.64
T28	S18-23-04E	61.78
T29	S18-23-04E	8.65
T30	N39-36-58E	3.06
T31	N06-55-59E	71.60
T32	N32-50-01E	11.25
T33	S50-00-45E	15.00
T35	S57-26-10W	34.05
T36	S67-45-20E	10.20
T37	N35-15-00E	15.14
T38	S57-01-25W	15.00

The purpose for the refiling of this plat is to correct errors in the curve table and five areas in the original plat; otherwise, there are no other changes to the original plat. The original plat, Broadmoor at Tanoan, was filed for public record in Bernalillo County, New Mexico, as Document Number 86-20398 in Book C29, page 167, on March 7, 1986.

NOTE:

The floating drainage easement dedicated by the Second Revision Plat of the Tanoan Properties is to be vacated by the filing of this plat. (Vacation request approved as V-85-70.)

All streets are to be private and will be maintained by the Tanoan Community Association.

No direct access will be allowed from any individual lot to either Lowell Street or Academy Road.

SURVEYOR'S CERTIFICATION

I, A. Dwain Weaver, a registered Professional New Mexico Land Surveyor, certify that this plat was prepared by me or under my supervision, shows all easements of record, 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.

A. Dwain Weaver
A. Dwain Weaver
P.L.S. No. 6544
New Mexico

DWAIN WEAVER NEW MEXICO 6544 REGISTERED PROFESSIONAL LAND SURVEYOR

Bohannan-Huston, Inc.
4125 Carlisle Blvd. N.E.
Albuquerque, NM 87107

State of New Mexico)
ss
County of Bernalillo

The foregoing instrument was acknowledged before me this 16th day of December, 1985, by A. Dwain Weaver.

My Commission Expires: _____

Dorsha Meller
Notary Public

OFFICIAL SEAL
DORSHA MELLER
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 2/23/86

JOB NO. 51631

[redacted]

SHEET 3 OF 5 SHEETS

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C30-66-3 ~~C29-167-3~~

26 26100586

PROJECT 2610

SHEET 5 OF 22

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86 35103

CORRECTED

BROADMOOR AT TANOAN

REPLAT OF
TRACT L-2-A-1 OF THE SECOND REVISION PLAT
OF
TANOAN PROPERTIES
Filed: Sept. 23, 1985 (Vol. C28, Folio 79)

ALBUQUERQUE, NEW MEXICO
APRIL 1986 SCALE: 1" = 50'

C29
167

C30
66

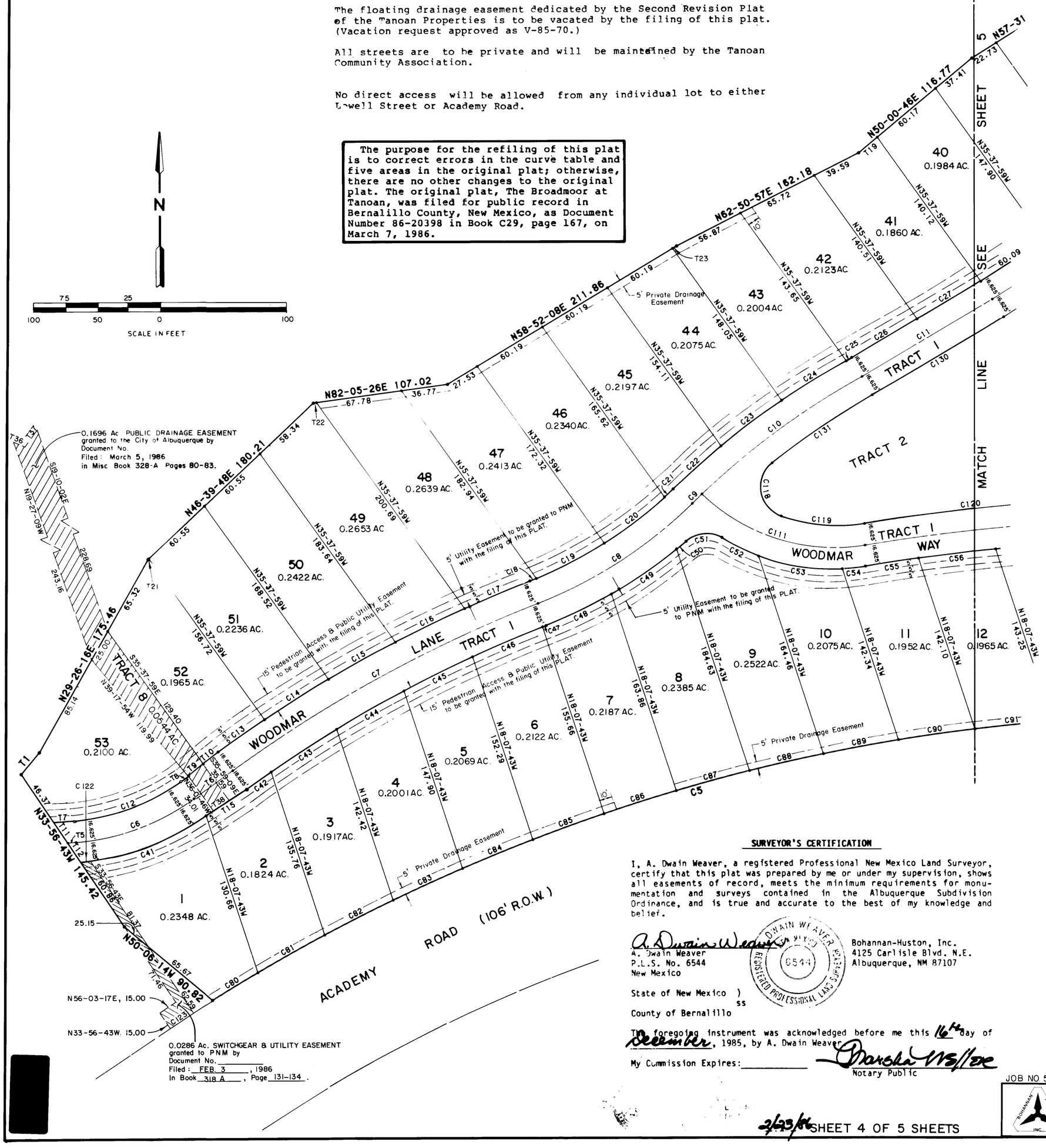
NOTE:

The floating drainage easement dedicated by the Second Revision Plat of the Tanoan Properties is to be vacated by the filing of this plat. (Vacation request approved as V-85-70.)

All streets are to be private and will be maintained by the Tanoan Community Association.

No direct access will be allowed from any individual lot to either Lowell Street or Academy Road.

The purpose for the refiling of this plat is to correct errors in the curve table and five areas in the original plat; otherwise, there are no other changes to the original plat. The original plat, The Broadmoor at Tanoan, was filed for public record in Bernalillo County, New Mexico, as Document Number 86-20398 in Book C29, page 167, on March 7, 1986.



SURVEYOR'S CERTIFICATION

I, A. Dwain Weaver, a registered Professional New Mexico Land Surveyor, certify that this plat was prepared by me or under my supervision, shows all easements of record, 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.

A. Dwain Weaver
A. Dwain Weaver
P.L.S. No. 6544
New Mexico

DWAIN WEAVER NEW MEXICO 6544 REGISTERED PROFESSIONAL LAND SURVEYOR

Bohannan-Huston, Inc.
4125 Carlisle Blvd. N.E.
Albuquerque, NM 87107

State of New Mexico)
ss
County of Bernalillo

The foregoing instrument was acknowledged before me this 16th day of December, 1985, by A. Dwain Weaver.

My Commission Expires: _____ Marsha 1/15/88
Notary Public

JOB NO. 51631

2/23/86 SHEET 4 OF 5 SHEETS

C30-66-4 C29-167-4

C30-66-4 C29-167-4

PROJECT 2610
SHEET 6 OF 22

26 26100686

C30-66-5 ~~C29-167-5~~

~~86-[illegible]~~

86 35105

CORRECTED
BROADMOOR AT TANOAN
REPLAT OF
TRACT L-2-A-I OF THE SECOND REVISION PLAT
OF
TANOAN PROPERTIES
Filed: Sept. 23, 1985 (Vol. C28, Folio 79)

ALBUQUERQUE, NEW MEXICO
APRIL 1986 SCALE: 1" = 50'

C30
66

NOTE:

The floating drainage easement dedicated by the Second Revision Plat of the Tanoan Properties is to be vacated by the filing of this plat (Vacation request approved as V-85-70.)

All streets are to be private and will be maintained by the Tanoan Community Association.

No direct access will be allowed from any individual lot to either Lowell Street or Academy Road.

The purpose for the refiling of this plat is to correct errors in the curve table and five areas in the original plat; otherwise, there are no other changes to the original plat. The original plat, The Broadmoor at Tanoan, was filed for public record in Bernalillo County, New Mexico, as Document Number 86-21998 in Book C29, page 167, on March 7, 1986.

SURVEYOR'S CERTIFICATION

I, A. Dwain Weaver, a registered professional New Mexico Land Surveyor, certify that this plat was prepared by me or under my supervision, shows all easements of record, 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.

A. Dwain Weaver
P.L.S. No. 6544
New Mexico

A. DWAIN WEAVER
NEW MEXICO
6544
REGISTERED PROFESSIONAL LAND SURVEYOR

Bohannan-Huston, Inc.
4135 Carlisle Blvd. N.E.
Albuquerque, NM 87107

State of New Mexico)
ss
County of Bernalillo)

The foregoing instrument was acknowledged before me this 15th day of April, 1985, by A. Dwain Weaver.

My Commission Expires: _____ Notary Public

JOB NO. 51631

2/23/86

SHEET 5 OF 5 SHEETS

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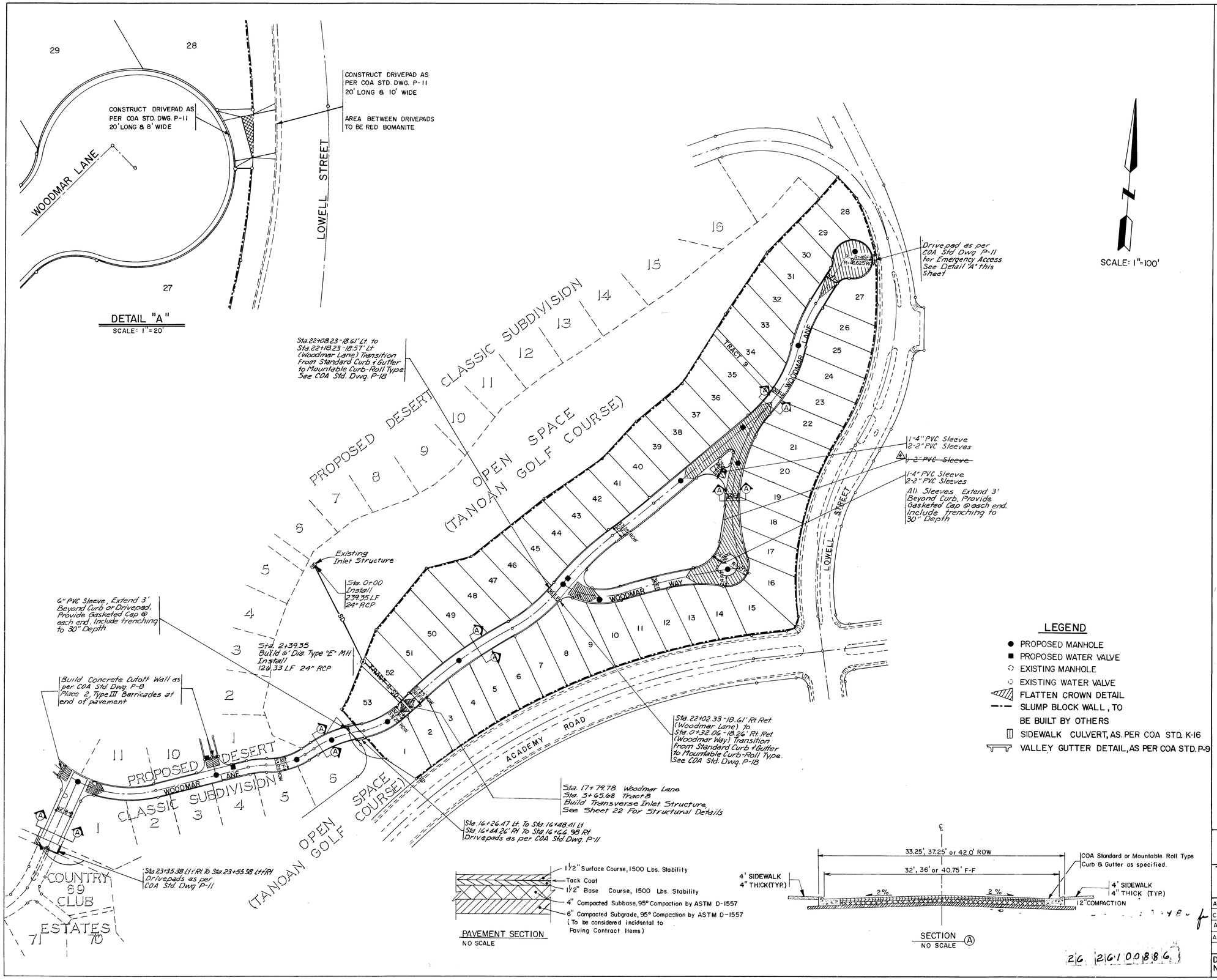
C30-66-5 ~~C29-167-5~~

PROJECT 2610
SHEET 7 OF 22

26 26100786



As Constructed 6/23/86

NOTES:

THE CONTRACTOR IS TO FIELD VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES

SIDEWALKS ARE NOT A PART OF THIS WORK ORDER

SEAL NO. 5174 APPLIES TO AS-CONSTRUCTED SANITARY SEWER IMPROVEMENTS.

RECORD DRAWINGS

DATE 6/4/86

ENGINEER'S SEAL

11-27-85

NO.	DATE	AS-BUILTS	BY
1	6/17/86		BHI

REMARKS

REVISIONS

DESIGN

DESIGNED BY KLS DATE 10/85
DRAWN BY LAD DATE 10/85
CHECKED BY KLS DATE 10/85

AS BUILT INFORMATION

CONTRACTOR J.R. HALE
WORK STAKED BY
INSPECTOR'S ACCEPTANCE BY BHI/S. WALKER DATE 2/86
FIELD DATE
FIELD INFORMATION BY DATE
DRAWINGS CORRECTED BY BHI DATE 6/86
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS

ACS Brass Cap "G-E22" Location is 1.2 miles East of the intersection of Academy Road N.E. and Eubank Blvd. N.E. Station is then 375' South on the South Rim of the Bear Canyon Tributary
Elev. = 5734.53

SURVEY INFORMATION

NO.	BY	DATE

FIELD NOTES

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

51631

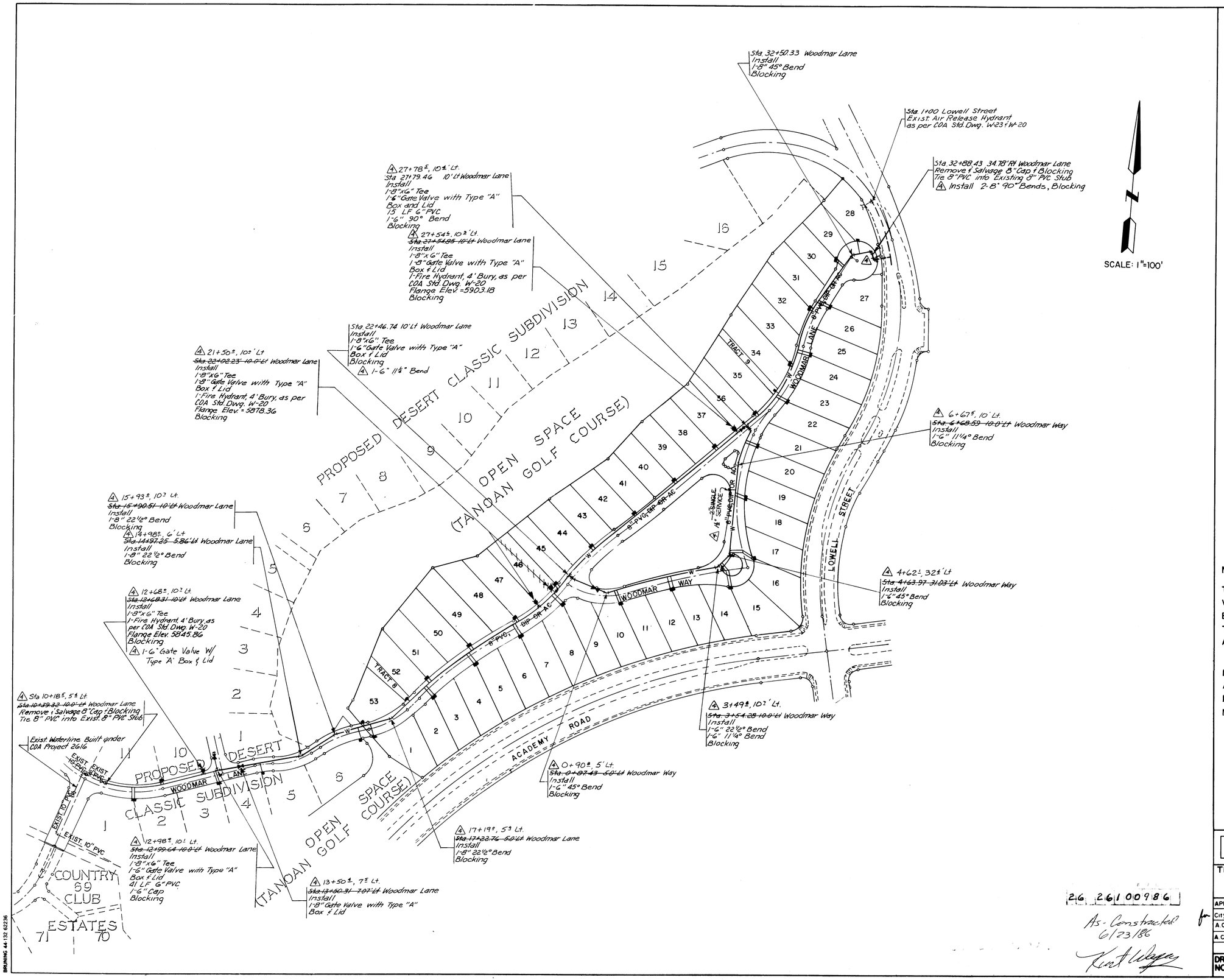
TITLE: THE BROADMOOR AT TANOAN PAVING LAYOUT

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		12/30/85	Liquid Waste		12/6/85
A.C.E.-Design		12/26/85	Traffic	D.A. Tanke	12/6/85
A.C.E.-Hydrology		12/26/85	Water		12/6/85

DRAWING NO.	MAP NO.	SHEET	OF
2610	E22Z	8	22

216 2161 0 0 8 8 6

BRUNING 44 132 62236



2.6 2.6 1 0 0 9 8 6

As-Constructed
6/23/86

NOTE:

THE CONTRACTOR IS TO FIELD VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES

NOTE:
ALL WATER SERVICES SHALL BE 3/4" EXCEPT AS OTHERWISE NOTED.

STATE OF NEW MEXICO
MICHAEL J. BURRY
ENGINEER
No. 5134
REGISTERED PROFESSIONAL ENGINEER

SEAL NO. 5134 APPLIES TO AS-CONSTRUCTED SANITARY SEWER IMPROVEMENTS.
RECORD DRAWINGS
DATE 6/4/86

NO.	DATE	REVISIONS	BY
4	6/17/86	AS-BUILTS	BHI

DESIGNED BY KLS DATE 10/85
DRAWN BY LAJ DATE 10/85
CHECKED BY KLS DATE 10/85

ENGINEER'S SEAL

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

ACS Brass Cap "G 22"
Location is 1.2 miles East of the intersection of Academy Road N.E. and Eubank Blvd. N.E.
Station is then 375' South on the South Rim of the Bear Canyon Tributary.
Elev. = 5734.53

AS BUILT INFORMATION

CONTRACTOR J.R. HALE
WORK STAKED BY BHI/S.WALKER DATE 2/86
INSPECTOR'S FINAL ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY BHI DATE 6/86
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

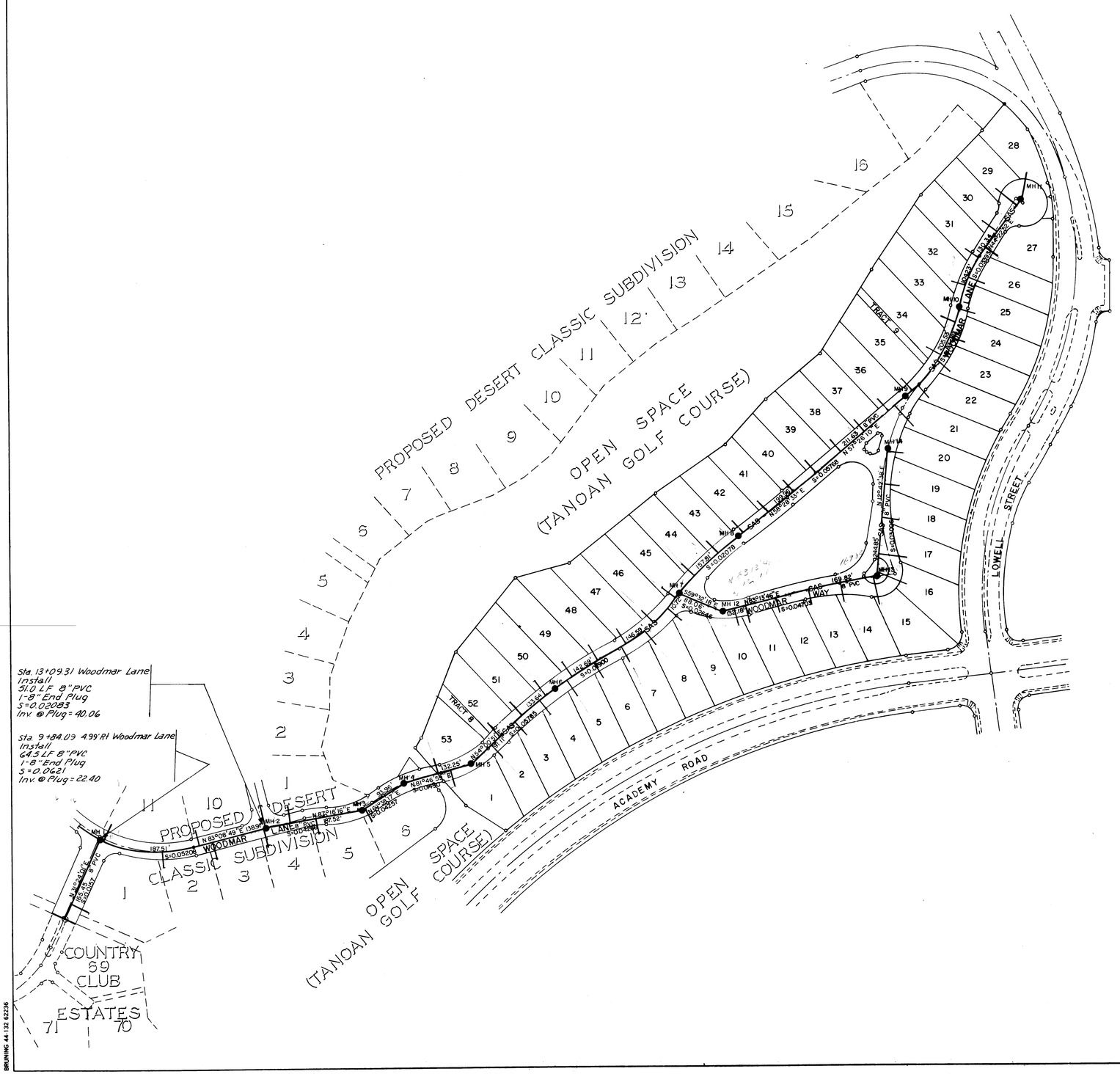
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

TITLE:
THE BROADMOOR AT TANOAN
WATER DISTRIBUTION PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		12/26/85	Liquid Waste		12/26/85
A.C.E.-Design		12/26/85	Traffic N/A		12/26/85
A.C.E.-Hydrology		12/26/85	Water		12/26/85

DRAWING NO. 2610 MAP NO E 22Z SHEET 9 OF 22

BRUNING 44-132 62236



SCALE: 1"=100'

NOTE:

THE CONTRACTOR IS TO FIELD VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES

NOTE:

LANDSCAPING FOR THE MEDIAN IN WOODMAR WAY (WHICH CONTAINS MANHOLE # 13) IS NOT TO INCLUDE TREES OR ANY OTHER PLANTS WHICH COULD INTERFERE WITH MAINTENCE OF THE MANHOLE OR SANITARY SEWER LINES.

STATE OF NEW MEXICO
MICHAEL M. EMERY
No. 5194
REGISTERED PROFESSIONAL ENGINEER

SEAL NO. 5194 APPLIES TO AS-CONSTRUCTED SANITARY SEWER IMPROVEMENTS.

RECORD DRAWINGS

DATE 6/4/86

As-Constructed 6/23/86

2 6 2 6 1 0 1 0 8 6

AS BUILT INFORMATION

CONTRACTOR J.R. HALE
WORK STAKED BY BHI / S. WALKER DATE 2/86
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY BHI DATE 6/86
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

ACS Brass Cap "G 22"
Location is 1.2 miles East of the intersection of Academy Road N.E. and Eubank Blvd, N.E.
Station is then 375' South on the South Rim of the Bear Canyon Tributary
Elev = 5734.53

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	5/17/86	AS-BUILTS	BHI

REVISIONS

DESIGN

DESIGNED BY	KLS	DATE 10/85
DRAWN BY	LAD	DATE 10/85
CHECKED BY	KLS	DATE 10/85

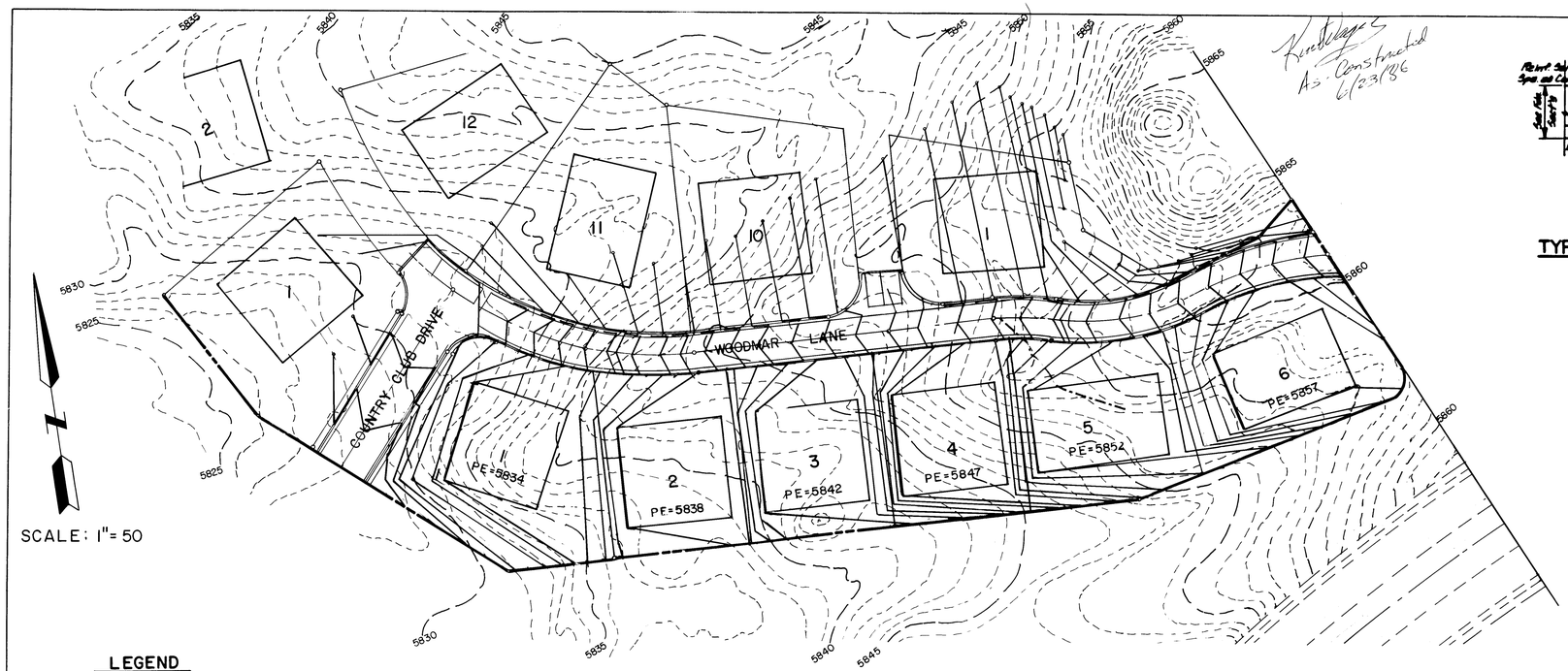
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

TITLE: THE BROADMOOR AT TANOAN SANITARY SEWER LAYOUT

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		12/31/85	Liquid Waste		12/6/85
A.C.E.-Design		12/26/85	Traffic N/A		12/6/85
A.C.E.-Hydrology		12/26/85	Water		12/6/85

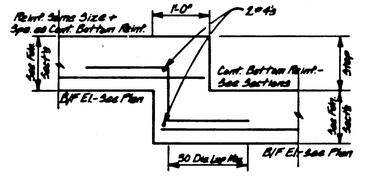
DRAWING NO. 2610 | MAP NO. E22Z | SHEET 10 OF 22

BRUNING 44 132 62236

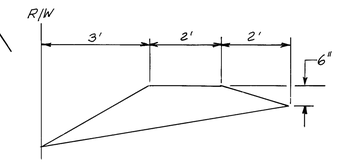


LEGEND

- PROPOSED CONTOURS
- EXISTING CONTOURS
- PROPOSED CURB & GUTTER
- EXISTING CURB & GUTTER
- PE=0000.0 PROPOSED PAD ELEVATION
- FLOW PATTERN
- RETAINING WALL
- CONCRETE PRIVATE DRAINAGE RUNDOWN
- SLUMP BLOCK WALL (BY OTHERS)
- MASONRY GARDEN WALL (BY OTHERS)

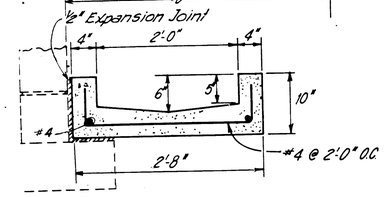


TYPICAL STEPPED FOOTING DETAIL



TEMPORARY EROSION CONTROL BERM

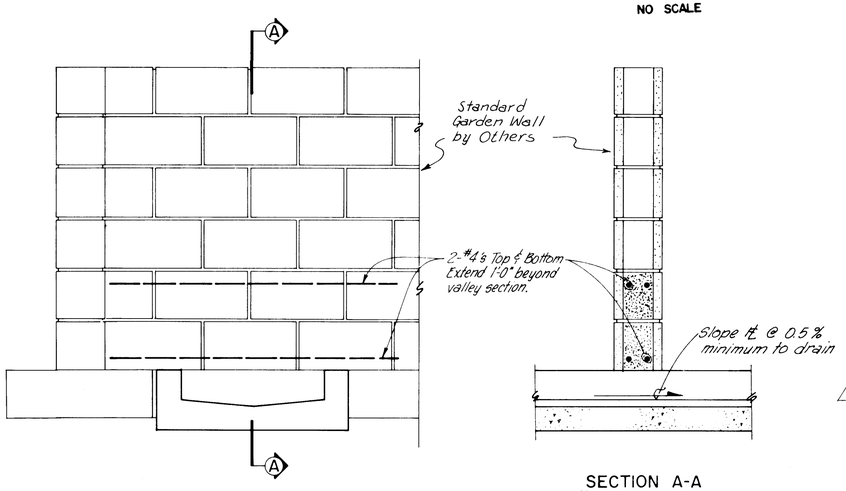
(TO BE PLACED ACROSS EACH LOT AT BOTH STREET SIDES OR AT BOTH STREET AND GOLF COURSE SIDE) NO SCALE



DRAINAGE RUNDOWN DETAIL

To Be Built by Others

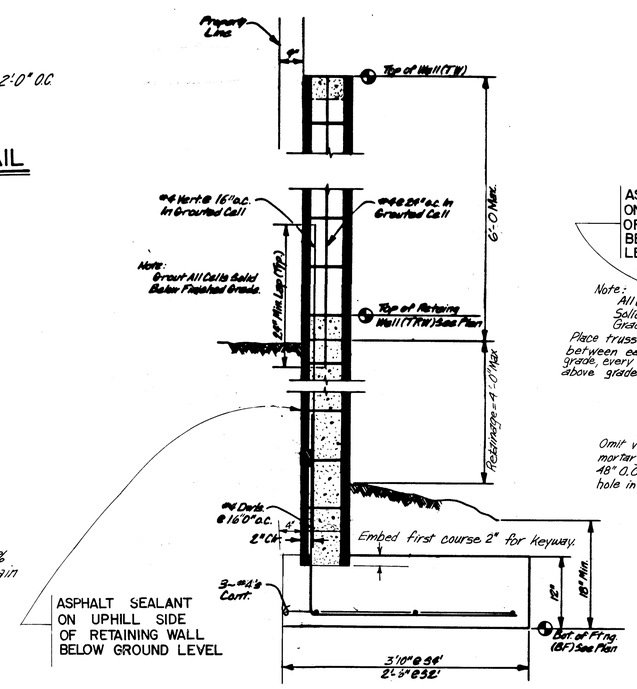
NO SCALE



DRAINAGE RUNDOWN PLACEMENT

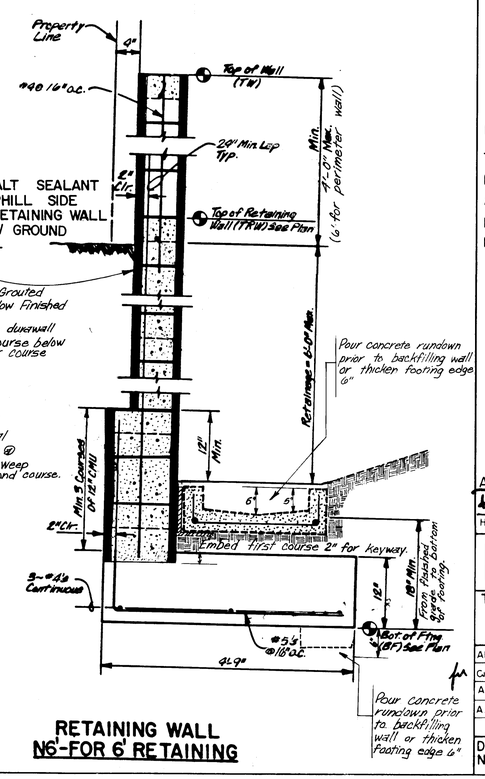
NO SCALE

SECTION A-A



ASPHALT SEALANT ON UPHILL SIDE OF RETAINING WALL BELOW GROUND LEVEL

RETAINING WALLS
S2'-FOR 2' RETAINING
S4'-FOR 4' RETAINING



ASPHALT SEALANT ON UPHILL SIDE OF RETAINING WALL BELOW GROUND LEVEL

RETAINING WALL
N6'-FOR 6' RETAINING

GENERAL NOTES

1. Retaining wall footings shall be placed on a minimum of 2'-0" of engineered fill extending a minimum of 2'-0" from the edge of the footing and compacted to a minimum of 95% optimum density (ASTM D-1557). Backfill shall be free draining material and shall be placed in 8" loose lifts and compacted to 90% optimum density (ASTM D-1557) with light vibratory compacting equipment.
2. Retaining wall shall not be backfilled until at least 7 days after placing of final grout level.
3. Vertical control joints with PVC inserts shall be placed at intervals not to exceed 30'-0" on center.
4. Minimum lap splice on reinforcing bars shall be 30 bar diameters or 1'-6" minimum.
5. Construction of retaining walls shall conform to requirements of the Uniform Building Code Section 24, lowlift grouting method.
6. DESIGN DATA
   Block Weight 12" = 130 psf.
   Block Weight 8" = 85 psf.
   Soil Weight = 130 pcf.
   Equiv. Fluid Press. = 43 pcf.
   Soil Bearing Press. = 1500 psf.
   (1/3 Increase for Wind/Seismic)
   Coefficient of Friction = 0.4
   Passive Soil Pressure = 390 pcf.
   Concrete f'c (28 days) = 3000 psi.
   Grout Strength = 2000 psi.
   CMU Grade N = 1500 psi (Grouted)
   Reinforcement = 60 ksi ASTM A-615
   All Block 8" CMU unless otherwise noted.

NOTE:

WHITE SLUMP BLOCK WITH MINIMUM COMPRESSIVE STRENGTH OF 1500 PSI, MAY BE SUBSTITUTED FOR CMU BLOCK GRADE -'N'.

SEAL NO. 3194 APPLIES TO AS-CONSTRUCTED SANITARY SEWER IMPROVEMENTS.

STATE OF NEW MEXICO MICHAEL EMERY No. 5194 REGISTERED PROFESSIONAL ENGINEER

NOTE:

THE CONTRACTOR MUST CONTACT THE ENVIRONMENTAL HEATH DEPARTMENT AND OBTAIN A TOPSOIL DISTURBANCE PERMIT BEFORE ROUGH GRADING CAN BEGIN.

RECORD DRAWINGS

DATE 6/4/86

11-21-85

APPROVED FOR ROUGH GRADING ± 1'

HYDROLOGY ENGINEER — DATE 11-21-85

AS BUILT INFORMATION

CONTRACTOR	J.R. HALE
STAKED BY	BHI/S. WALKER DATE 2/86
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	BHI DATE 6/86

MICRO-FILM INFORMATION

RECORDED BY DATE

NO

BENCH MARKS

ACS BRASS CAP "6-E22"
LOCATION IS 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, N.E. & EUBANK BLVD., N.E. STATION IS THEN 375' SOUTH
RIM OF THE BEAR CANYON TRIBUTARY
ELEV. = 5934.53

SURVEY INFORMATION

NO.	BY	DATE

FIELD NOTES

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	2/13/86	REVISED STREET GRADING	B.H.I.
2	3/14/86	REVISED RETAINING WALL/DETAILS	B.H.I.
4	6/17/86	AS-BUILTS	BHI.

REVISIONS

DESIGNED BY KLS DATE 10/85
DRAWN BY LAD DATE 10/85
CHECKED BY KLS DATE 10/85

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

51631

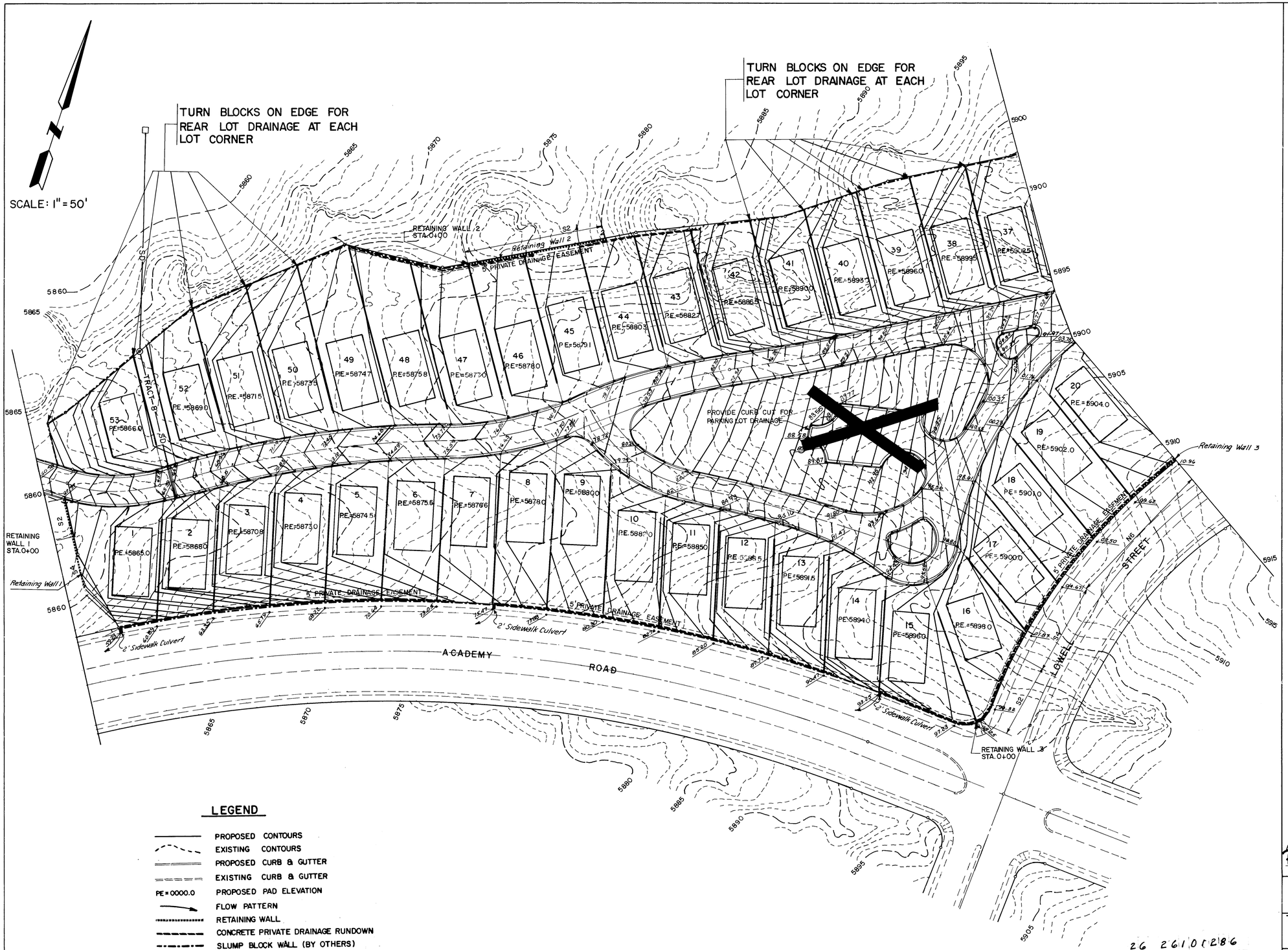
TITLE:
THE BROADMOOR AT TANOAN
OFFSITE GRADING & DRAINAGE DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		12/20/85	Liquid Waste	N/A	12/6/85
A.C.E.-Design		12/26/85	Traffic	N/A	12/6/85
A.C.E.-Hydrology		12/26/85	Water	N/A	12/6/85

DRAWING NO.	MAP NO.	SHEET	OF
2610	E 22 Z	11	22

26 26101186

BRUNING 44-132 62236



LEGEND

- PROPOSED CONTOURS
- EXISTING CONTOURS
- PROPOSED CURB & GUTTER
- EXISTING CURB & GUTTER
- PE=0000.0 PROPOSED PAD ELEVATION
- FLOW PATTERN
- RETAINING WALL
- CONCRETE PRIVATE DRAINAGE RUNDOWN
- SLUMP BLOCK WALL (BY OTHERS)
- MASONRY GARDEN WALL (BY OTHERS)

SEAL NO. 5194 APPLIES TO AS-CONSTRUCTED SANITARY SEWER IMPROVEMENTS.

Michael McEnery

NOTE:

THE CONTRACTOR MUST CONTACT THE ENVIRONMENTAL HEALTH DEPARTMENT AND OBTAIN A TOPSOIL DISTURBANCE PERMIT BEFORE ROUGH GRADING CAN BEGIN.

RECORD DRAWINGS
6/4/86

11-21-85
SCS

APPROVED FOR ROUGH GRADING ± 1'
HYDROLOGY ENGINEER — DATE 11-21-85

AS BUILT INFORMATION
CONTRACTOR J.R. HALE
WORK STAKED BY BHI DATE 2/86
INSPECTOR ACCEPTANCE BY DATE
FIELD LOCATION BY DATE
DRAWINGS CORRECTED BY BHI DATE 6/86
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS Brass Cap "6-E22"
Location is 1.2 miles East of the intersection of Academy Road NE and Eubank Blvd N.E.
Station is then 375' South on the South Rim of the Bear Canyon Tributary.
Elev. 5934.53

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
10-29-85

NO.	DATE	REMARKS	BY
2	3/14/86	REVISED RETAINING WALL 1	BHI

REVISIONS

DESIGN
DESIGNED BY KLS DATE 10/85
DRAWN BY LAD DATE 10/85
CHECKED BY KLS DATE 10/85

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
51631

TITLE: THE BROADMOOR AT TANOAN GRADING PLAN

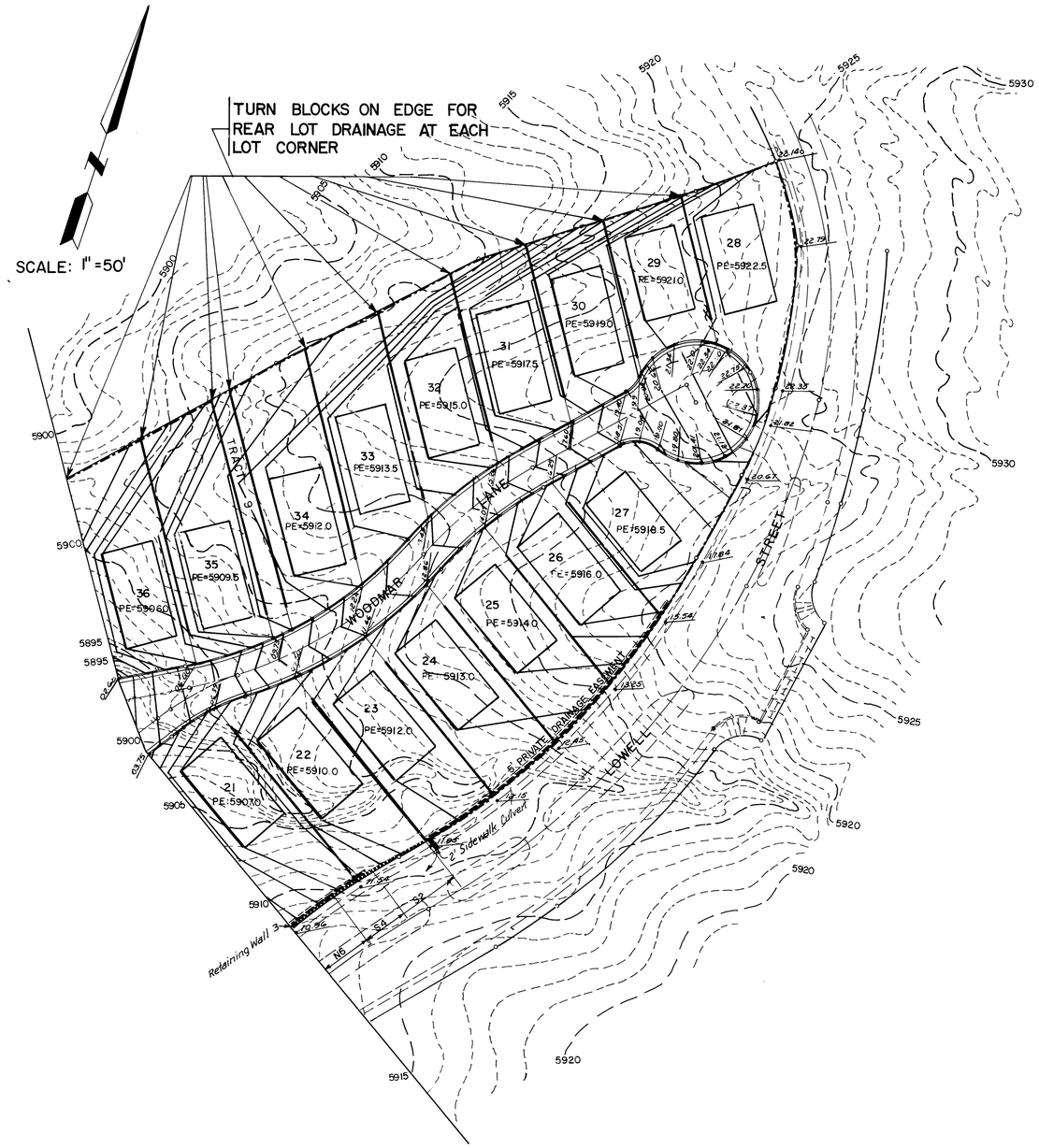
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		12/20/85	Liquid Waste	N/A	12/6/85
A.C.E.-Design		12/26/85	Traffic	N/A	12/6/85
A.C.E.-Hydrology		12/26/85	Water	N/A	12/6/85

DRAWING NO. 2610 — MAP NO. E 22 Z — SHEET 12 OF 22

26 2610 E22 86

As Constructed for 6/23/86
Kurt Wagner

BRUNING 44 132 62236



LEGEND

- PROPOSED CONTOURS
- EXISTING CONTOURS
- PROPOSED CURB & GUTTER
- EXISTING CURB & GUTTER
- PE=0000.0 PROPOSED PAD ELEVATION
- FLOW PATTERN
- RETAINING WALL
- CONCRETE PRIVATE DRAINAGE RUNDOWN
- SLUMP BLOCK WALL (BY OTHERS)
- MASONRY GARDEN WALL (BY OTHERS)

As-Constructed 6/23/86

EARTHWORK SPECIFICATIONS

GENERAL

The Soils Engineer shall be the Owner's representative to control the earthwork placement, moisture content, and compaction. The Soils Engineer shall approve the materials, the method of placing and compaction, and shall give written approval of the completed fill.

CLEARING AREA TO BE FILLED

All timber, logs, trees, brush, stumps, trash, sod, matted roots and roots larger than 2 inches in diameter shall be removed, piled, or otherwise disposed of. All rocks, cobbles and boulders larger than 6 inches in diameter shall be removed or otherwise disposed of at the direction of the Soils Engineer.

SCARIFYING AREA TO BE FILLED

The surface shall be plowed or scarified to a depth of at least 6 inches, and smoothed until the surface is free from ruts, hummocks, and other uneven features, which would tend to prevent uniform compaction from the equipment to be used.

Where fill is to be placed on hillsides or slopes, the slope of the original ground upon which the fill is to be placed shall be plowed, or scarified deeply. Where the slope ratio of the ground is steeper than 3 horizontal to 1 vertical, the bank shall be stepped or benched.

Strippings may be placed along rear lot lines and in rear areas where no foundation or slabs will be constructed. All strippings shall be free of logs, trees, timber, trash and rocks greater than 6 inches. Strippings will be placed subsequent to the placement of all structurally controlled fill, and to a depth no greater than 6 inches.

PREPARATION OF AREA TO BE FILLED

After the foundation for the fill has been cleared, any frozen material removed, and it has been plowed or scarified, it shall be disced or bladed until it is uniform and free from large clods, brought to optimum moisture content (± 2%), for a minimum of 5 feet, or for as deep as practicable as determined by the Soils Engineer, and compacted with a minimum of 20 passes using a minimum 20 ton vibratory compactor to a minimum of 95% of maximum density as determined by ASTM D-1557.

TREATMENT OF CUT SECTIONS

Subsequent to the final grading in cut sections, the ground surface shall be plowed or scarified, and brought to optimum moisture content (± 2%), for a minimum of 5 feet, or for as deep as practicable as determined by a Soils Engineer. The ground surface shall then be compacted with a minimum of 20 passes using a minimum 20 ton vibratory compactor to a minimum of 95% of maximum density as determined by ASTM D-1557.

FILL MATERIAL

Materials for the fill shall consist of material selected or approved by the Soils Engineer. The materials used shall be free of vegetable matter, frozen material and other deleterious substance and shall not contain rocks or lumps which have a diameter of more than 6 inches and shall have a liquid limit not greater than 30 and plasticity index not greater than 12. It is anticipated that borrow from the site will be satisfactory.

DEPTH AND MIXING OF FILL LAYERS

The selected fill material shall be placed in layers which, when compacted shall not exceed six (6) inches. Each layer shall be spread evenly and shall be thoroughly mixed during the spreading to insure uniformity of material in each layer.

ROCK

When the fill material includes rock, no larger rock shall be allowed to nest and all voids must be carefully filled with small stones or earth, properly compacted. No large clods (maximum size 6 inches) will be permitted closer than twelve (12) inches below the finished grade.

MOISTURE CONTENT

The fill material shall be compacted at the optimum moisture content (± 2%) specified for soils. Sufficient laboratory moisture density relationship tests will be made to determine the optimum moisture content for the various soils encountered in the borrow area. The Contractor may be required to add the necessary moisture to the fill material in the borrow area if, in the opinion of the Soils Engineer, it is not possible to obtain uniform moisture content by adding water to the fill surface.

AMOUNT OF COMPACTION

After each layer has been placed, mixed and spread evenly, it shall be thoroughly compacted to not less than 95% of maximum density as determined by ASTM D-1557.

COMPACTION OF FILL LAYERS

Compaction shall be by vibratory compactor, sheepsfoot rollers, segmented - steel - wheeled rollers, multiple - wheel pneumatic tired rollers, or other types of suitable compaction equipment. Compaction equipment shall be of such design that it will be able to compact the fill to the specified density. Compaction shall be accomplished while the fill material is at the specified moisture content. Compaction of each layer shall be continuous over its entire area and the compaction equipment shall make sufficient trips to insure that the required density has been obtained.

COMPACTION OF SLOPES

Fill slopes shall be compacted by means of sheepsfoot or vibratory rollers or other suitable equipment. Compacting operations shall be continued until the slopes are stable, but not too dense for planting and until there is not appreciable amount of loose soil on the slopes. Compacting of the slopes may be done progressively in increments of three to five feet (3 - 5') in fill height, or after the fill is brought to its total height if approved by the Soils Engineer.

DENSITY TESTS

Field density tests shall be made by the Soils Engineer on each layer of fill. Sufficient tests will be made to determine the adequacy of the fill. The frequency of testing will be determined by the Soils Engineer in the field depending on the conditions encountered. Where sheepsfoot rollers are used, the soils may be disturbed to a depth of several inches. Density tests shall be performed by ASTM D-1556 with 4 or 6 inch sand cone, ASTM Method D-2167 (water balloon) or approved Nuclear Density Devices and Methods.

FINISHED SLOPES AND BUILDING PADS

The fill operation shall be continued in six (6) inch compacted layers as specified above, until the fill has been brought to the finished sopes and elevations shown on the accepted plans. Slopes steeper than 3 horizontal to 1 vertical should be protected from erosion.

SUPERVISION

Supervision by the Soils Engineer shall be continuous during the fill and compacting operations so that he can certify that the fill was made in accordance with accepted specifications.

SEASONAL LIMITS

No fill material shall be placed upon frozen subgrade nor placed, spread, or rolled while it is frozen or thawing or during unfavorable weather conditions. When the work is interrupted by heavy rain, snow or frost penetration, fill operations shall not be resumed until the previously placed fill is as specified.

NOTICE REGARDING START OF GRADING

Notification shall be submitted to the Owner, the Soils Engineer and FHA advising them of the start of grading operations at least 3 days in advance of the starting date, and of any resumption dates when grading operations have been stopped for any reason other than adverse weather conditions.

COMPACTION OF UTILITY TRENCHES

Water and Sewer

All water and sewer trenching and backfilling shall be in accordance with Sections 701.9 and 801 of the City of Albuquerque Interim Standard Specifications for Public Works Construction, 1985.

Gas, Electric, CATV, and Telephone

Prior to placement of the utility lines, the bottom of the trench shall be brought to the correct grade. The bottom of the trench shall then be mechanically compacted to a uniform, firm surface. The utility lines may then be placed.

The fill material from the base of the excavations to a point six (6) inches above the utility lines shall consist of relatively clean sand suitable for densification by flooding and jetting. Fill within this zone shall be densified by flooding and jetting to a minimum of 85% of maximum density as determined by ASTM D-1557 or 70% relative density as determined by ASTM D-4253, whichever is appropriate. The remainder of the trench backfill shall be placed in thin lifts as specified above and mechanically compacted to a minimum of 90% of maximum density as determined by ASTM D-1557.

All Utility Lines Under Structures and Within Ten (10) Feet of Structures

The backfill within the top 18 inches of all utility lines below structures and within ten feet of structures shall be mechanically compacted to a minimum of 95% of maximum density as determined by ASTM D-1557.

REPORT OF FIELD DENSITY TESTS

Density tests made by the Soils Engineer as specified in Density Tests above shall be submitted to the Owner.

CERTIFICATION REGARDING COMPACTED FILL

The Soils Engineer shall certify that the site was filled with accepted material in accordance with the accepted specifications and give a professional opinion regarding shrinkage or settlement of the fill and the safe load bearing capacity of the fill.

CERTIFICATION REGARDING COMPLETED GRADE ELEVATIONS

A Registered Civil Engineer or Land Surveyor shall certify that the general grading has been completed and the resulting grade elevations are in substantial conformity (grade variations not exceeding 0.5 foot) with the previously accepted detailed development plan.

RECORD DRAWINGS
DATE 6/4/86
26 26 01 3 86

NOTES:

1. This specification complies with Controlled Earthwork specifications, FDA Dated Sheet 79G, Section K date June 1965 except for special provisions noted herein.
2. Strippings shall be stockpiled as directed by the Owner.
3. Summary of Compaction Requirement:

	Minimum Compaction Requirements
1. Fill placed for slab or foundation support and the top 12 inches of street subgrade.	95%
2. Fill in non-load bearing areas less than 2 feet in total depth and all other common fill.	90%

4. Where vibratory compaction techniques would pose a threat to the structural integrity of new or existing buildings, a heavy static roller may be used.

NOTE:

THE CONTRACTOR MUST CONTACT THE ENVIRONMENTAL HEALTH DEPARTMENT AND OBTAIN A TOPSOIL DISTURBANCE PERMIT BEFORE ROUGH GRADING CAN BEGIN.

NOTE:

EARTHWORK WILL BE UNDER PRIVATE CONTRACT.

SEAL NO. 5194 APPLIES TO AS-CONSTRUCTED SANITARY SEWER IMPROVEMENTS.

PROFESSIONAL ENGINEER

11-21-85

APPROVED FOR ROUGH GRADING ± 1'

HYDROLOGY ENGINEER — DATE 11-21-85

AS BUILT INFORMATION
CONTRACTOR J.R. HALE
WORK STAKED BY BHI/S. WALKER DATE 2/86
AS-BUILT CHANGES NOTED BY
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY BHI DATE 6/86
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS Brass Cap "6-E-22"
Location is 1.2 miles East of the intersection of Academy Road N.E and Eubank Blvd. N.E
Station is then 375' South on the South Rim of the Bear Canyon Tributary.
Elev. 5934.53

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	6/17/86	AS-BUILTS	BHI
2	3/14/86	REVISED RETAINING WALL 1	BHI

REVISIONS

DESIGN
DESIGNED BY KLS DATE 10/85
DRAWN BY LAD DATE 10/85
CHECKED BY KLS DATE 10/85

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

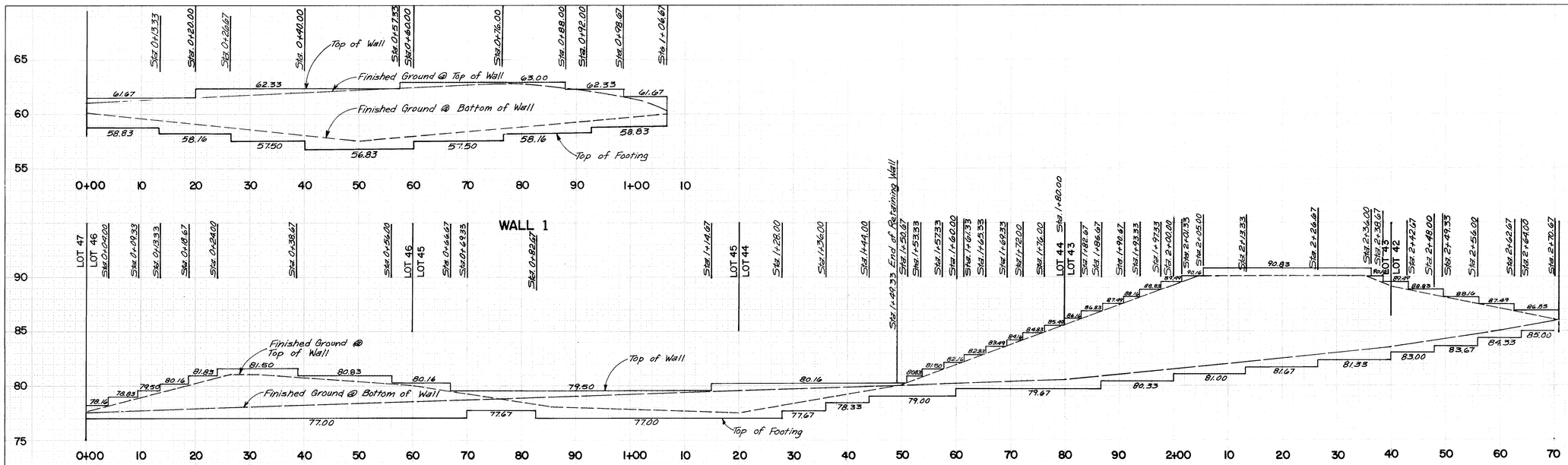
51631

TITLE: THE BROADMOOR AT TANOAN GRADING PLAN

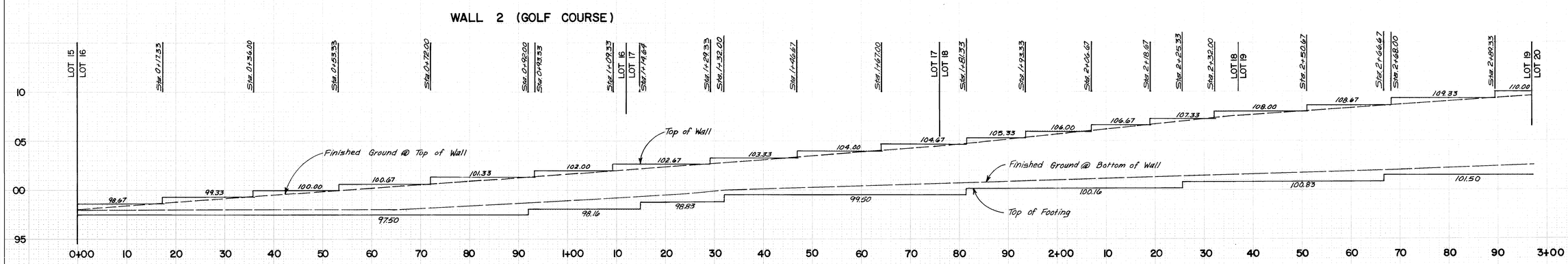
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		12/30/85	Liquid Waste	N/A BC	12/6/85
A.C.E.-Design		12/26/85	Traffic	N/A DOP	12/6/85
A.C.E.-Hydrology		12/26/85	Water	N/A BC	12/6/85

DRAWING NO. 2610 — MAP NO. E22Z — SHEET 13 OF 22

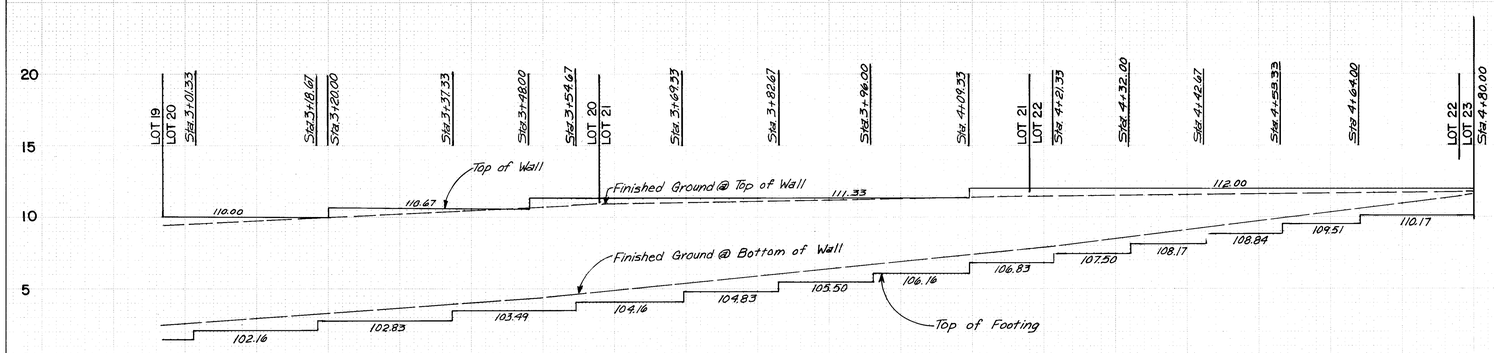
BRUNING 44.132 62236



WALL 1



WALL 2 (GOLF COURSE)



WALL 3 (ACADEMY & LOWELL)

FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
	TURNOUT		
NOTE BOOK	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
	TURNOUT		
NOTE BOOK	AREAS		
NO.	AREAS CHECKED		

SEAL NO. 5194 APPLIES TO AS-CONSTRUCTED SANITARY SEWER IMPROVEMENTS.

Michael McEnaney

MICHAEL J. McENANEY No. 5194 PROFESSIONAL ENGINEER

THE BROADMOOR AT TANOAN RETAINING WALL PROFILES

As Constructed 6/23/86

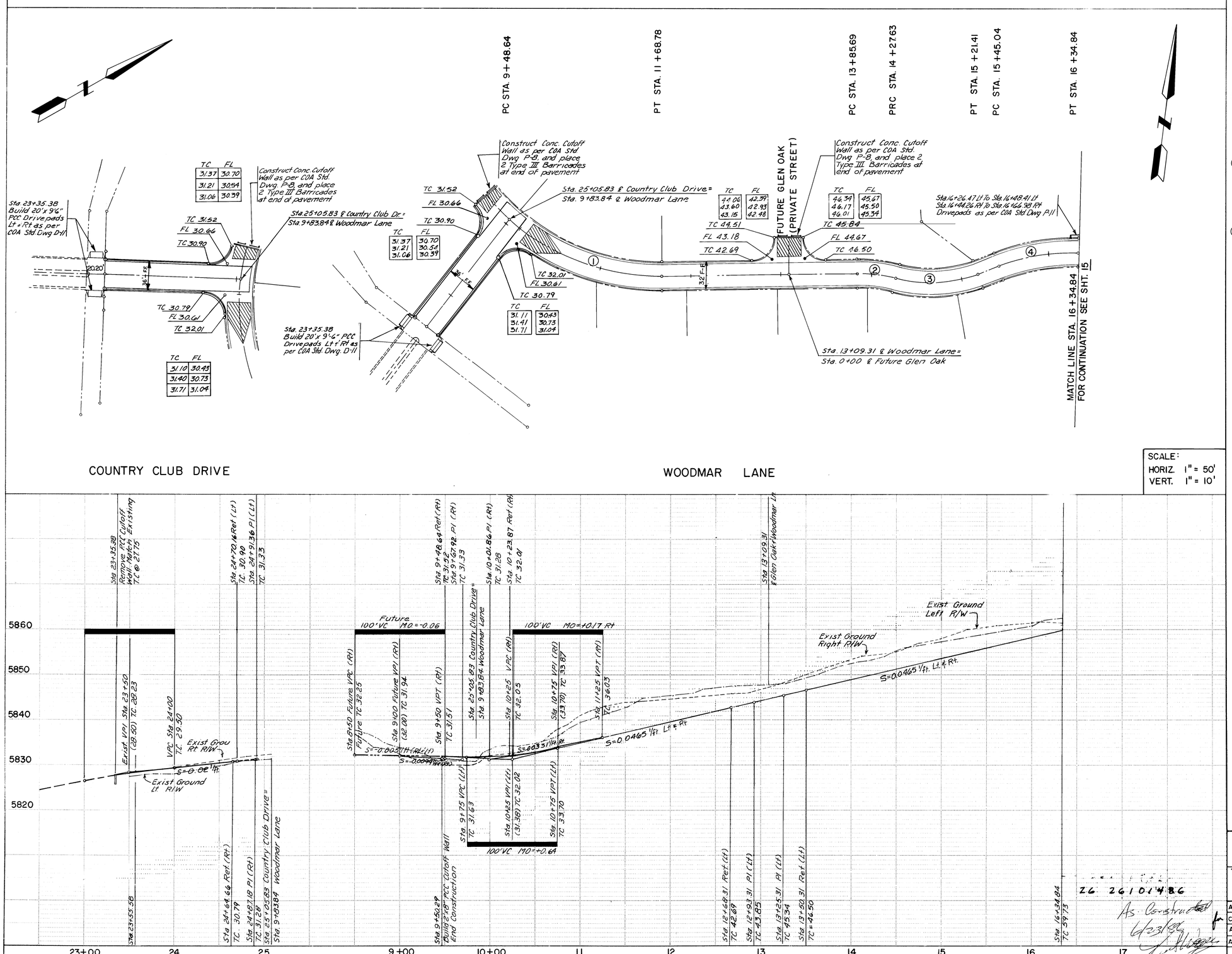
26 2610 86

RECORD DRAWINGS

DATE 6/4/86

PLATE 3 CROSS SECTION - DOTTED

CHARLES BRUNING COMPANY
MADE IN U.S.A.



STREET ℄ CURVE DATA

① PI STA. 10+63.26
Δ = 50°28'34"
R = 250.00'
L = 220.24
T = 114.62

② PI STA. 14+06.80
Δ = 16°01'21"
R = 150.00'
L = 41.95'
T = 21.11'

③ PI STA. 14+76.11
Δ = 35°49'12"
R = 150.00'
L = 93.78'
T = 48.48'

④ PI STA. 15+90.51
Δ = 22°09'40"
R = 232.18'
L = 89.80'
T = 45.47'

AS BUILT INFORMATION
NAME OF DRAFTSMAN J.R. HALE
DATE 2/86
INSPECTED BY BHI/S. WALKER
DATE
FIELD CHECKED BY
DATE
CERTIFICATION BY
DATE
CORRECTED BY BHI
DATE 6/86
MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

BENCH MARKS
ACS Brass Cap "6-E22"
Location is 1.2 miles East of the intersection of Academy Road N.E. and Eubank Blvd N.E. Station is then 375' South on the South Rim of the Bear Canyon Tributary.
Elev = 5534.53

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

SEAL NO. 5154 APPLIES TO AS-CONSTRUCTED SANITARY SEWER IMPROVEMENTS.

RECORD DRAWINGS
6/4/86

NOTE

THE CONTRACTOR IS TO FIELD VERIFY THE WIDTH OF EXISTING PAVEMENT AT COUNTRY CLUB DRIVE AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

NO.	DATE	REMARKS	BY
4	6/17/86	AS-BUILTS	BHI
3	3/31/86	WIDTH OF COUNTRY CLUB DRIVE	BHI
2	2/13/86	REVISED STREET GRADING	BHI

REVISIONS

DESIGN
DESIGNED BY KLS DATE 10/85
DRAWN BY LAD DATE 10/85
CHECKED BY KLS DATE 10/85

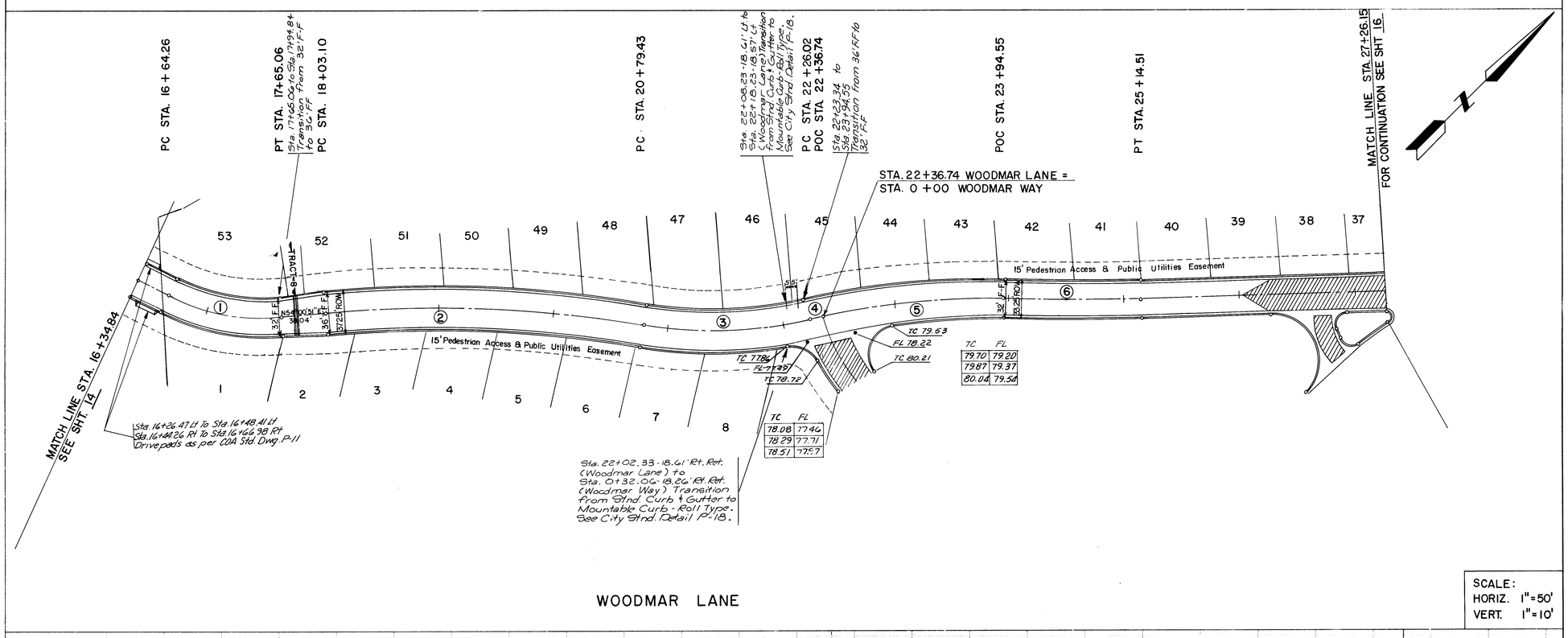
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
51631

TITLE: THE BROADMOOR AT TANOAN
COUNTRY CLUB DRIVE (PRIVATE STREET)
WOODMAR LANE (PRIVATE STREET)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		12/30/85	Liquid Waste	N/A BR	12/6/85
A.C.E.-Design		12/26/85	Traffic	D.D. Parks	12/6/85
A.C.E.-Hydrology		12/26/85	Water	N/A BR	12/6/85

DRAWING NO.	MAP NO.	SHEET	OF
2610	E-22-Z	14	22

BRUNING 44 132 62236



TC	FL
78.08	77.46
78.29	77.71
78.51	77.57

TC	FL
79.70	79.20
79.87	79.37
80.04	79.54

STREET ℄ CURVE DATA

① PI STA. 17+15.98
Δ = 31° 34' 10"
R = 182.94
L = 100.80
T = 51.72

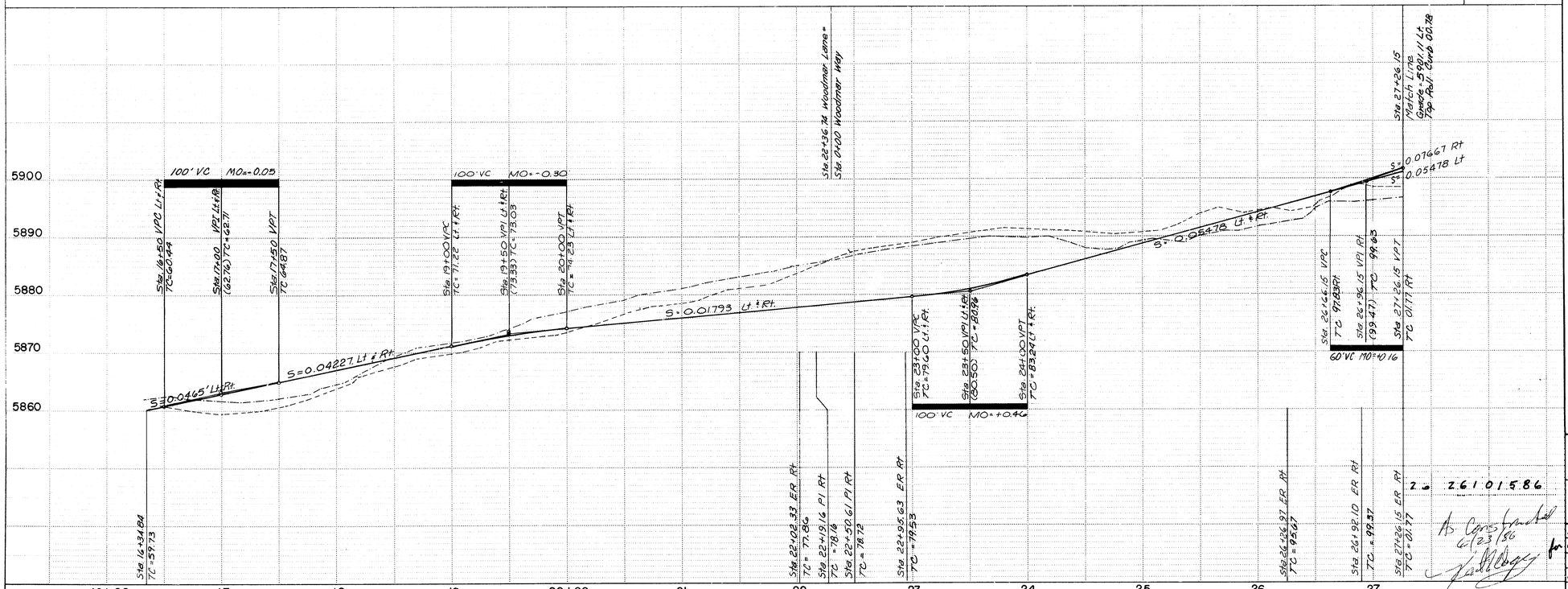
② PI STA. 19 +42.02
Δ = 14° 38' 29"
R = 1081.36
L = 276.33
T = 138.92

③ PI STA. 21 +53.74
Δ = 23° 12' 05'
R = 362.00'
L = 146.59'
T = 74.31'

④ PI STA. 22 +31.38
Δ = 0° 58' 59"
R = 625.00'
L = 10.72'
T = 5.36'

⑤ PI STA. 23 +06.06
Δ = 14° 28' 00"
R = 625.00'
L = 157.81'
T = 79.32'

⑥ PI STA. 24+54.55
Δ = 3° 28' 04"
R = 1982.13'
L = 119.96'
T = 60.00'



SEAL NO. 5174 APPLIES TO AS-CONSTRUCTED SANITARY SEWER IMPROVEMENTS.

Michael McInerney

RECORD DRAWINGS

DATE 6/4/86

NOTE:

STREET PROFILES ARE FOR TOP OF STANDARD CURB ONLY. FOR MOUNTABLE ROLL CURB TOP ELEVATIONS, SUBTRACT 0.33'.

As Constructed 6/23/86

2.61015.86

AS BUILT INFORMATION
ENTRY TO: J.R. HALE
WORK START BY: BHI/S. WALKER DATE 2/86
WORK COMPLETED: DATE
FIELD CHANGES: DATE
FIELD CHANGES BY: BHI DATE 6/86
CORRECTED BY: M-RO-FILM INFORMATION
CHECKED BY: DATE
NO.

BENCH MARKS
ACS Brass Cap "6-E22"
Location is 1.2 miles East of the intersection of Academy Road N.E. and Eubank Blvd. N.E.
Station is then 37.5' South on the South Rim of the Bear Canyon Tributary.
Elev = 5734.53

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
Michael McInerney 11-22-85

NO.	DATE	REMARKS	BY
4	6/17/86	AS-BUILTS	BHI
3	2/13/86	REVISED STREET GRADING	BHI

REVISIONS

DESIGN
DESIGNED BY KLS DATE 10/85
DRAWN BY LAD DATE 10/85
CHECKED BY KLS DATE 10/85

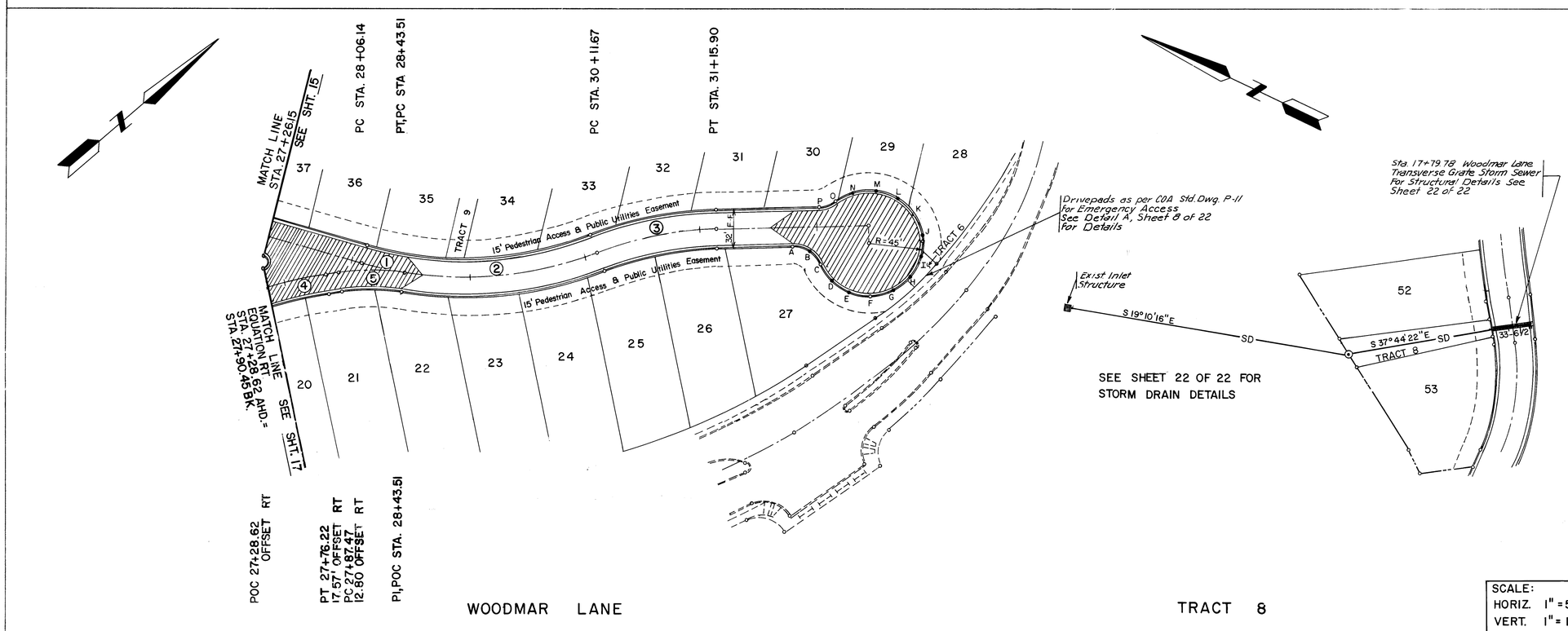
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
51631

TITLE:
THE BROADMOOR AT TANOAN
WOODMAR LANE (PRIVATE STREET)

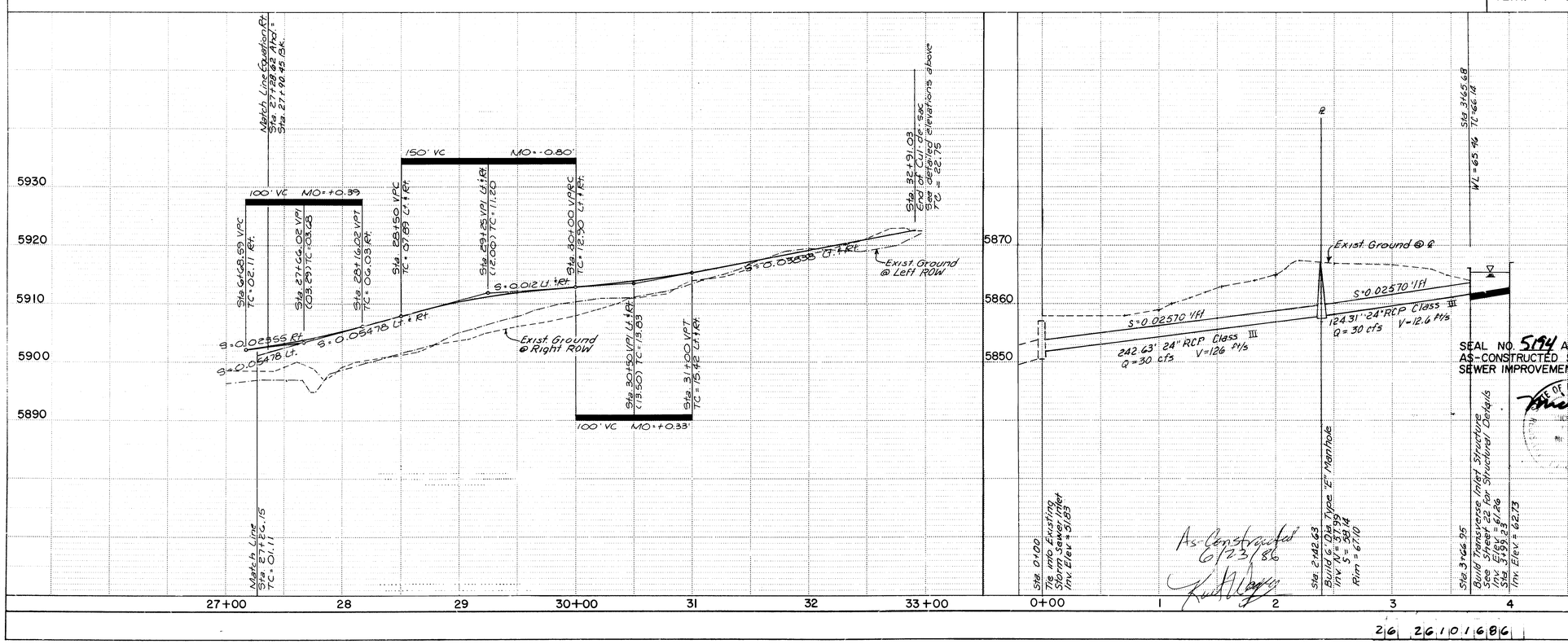
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[signature]	12/3/85	Liquid Waste	N/A BR	12/6/85
A.C.E.-Design	[signature]	12/6/85	Traffic	D.A. Pinto	12/6/85
A.C.E.-Hydrology	[signature]	12/20/85	Water	N/A BR	12/6/85

DRAWING NO. 2610 | MAP NO. E22Z | SHEET 15 OF 22

BRUNING 44 132 62236



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



STREET ℄ CURVE DATA

① PI STA. 28+24.84
Δ = 6°45'51"
R = 316.49'
L = 37.36'
T = 18.70'

② PI STA. 29+29.73
Δ = 30°26'40"
R = 316.49'
L = 168.17'
T = 86.12'

③ PI STA. 30+64.31
Δ = 19°45'36"
R = 302.22'
L = 104.23'
T = 52.64'

④ PI STA. 27+52.45
Δ = 7°07'18"
R = 382.96'
L = 47.60'
T = 23.83'

⑤ PI STA. 28+15.72
Δ = 17°50'18"
R = 180.00'
L = 56.04'
T = 28.25'

NOTE:

STREET PROFILES ARE FOR TOP OF STANDARD CURB ONLY. FOR MOUNTABLE ROLL CURB TOP ELEVATIONS, SUBTRACT 0.33'.

CUL-DE-SAC CURB DATA

PT.	STA.	OFFSET	ELEV. @ T.C.
A	31+80.45	16.63' Rt	5918.51
B	31+94.40	20.88' Rt	5919.04
C	32+03.60	32.20' Rt	5919.40
D	32+14.09	47.74' Rt	5919.80
E	32+29.94	57.76' Rt	5920.41
F	32+48.49	60.55' Rt	5921.12
G	32+66.58	55.65' Rt	5921.81
H	32+81.18	43.89' Rt	5922.37
I	32+89.81	27.25' Rt	5922.70
J	32+91.03	8.54' Rt	5922.75
K	32+84.62	9.08' Lt	5922.50
L	32+71.66	22.63' Lt	5922.01
M	32+54.35	29.83' Lt	5921.34
N	32+35.61	29.46' Lt	5920.62
O	32+18.60	21.38' Lt	5919.97
P	32+03.66	16.63' Lt	5919.40

NOTE:
CONTRACTOR IS TO FIELD VERIFY EXISTING INLET INVERT AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCY.

SEAL NO. 5194 APPLIES TO AS-CONSTRUCTED SANITARY SEWER IMPROVEMENTS.

RECORD DRAWINGS
DATE 6/4/86

As-Constructed 6/23/86

AS BUILT INFORMATION
DATA - J.R. HALE
M.C.M. BY BHI/S. WALKER DATE 2/86
INDEX TO PLAN
FIELD SURVEY BY DATE
FIELD DATE
DRAWINGS CORRECTED BY BHI DATE 6/86
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS Brass Cap "6-C22"
Location is 1.2 miles East of the intersection of Academy Road NE and Eubank Blvd N.E. Station is then 375' South on the Rim of the Bear Canyon Tributary.
Elev = 5734.53

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
10-29-85

NO.	DATE	REVISIONS	BY
4	6/17/86	AS-BUILTS	BHI
3	2/13/86	REVISED CENTERLINE CURVE DATA	
2		REMARKS	
1			

DESIGNED BY KLS DATE 10/85
DRAWN BY LAD DATE 10/85
CHECKED BY KLS DATE 10/85

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
51631

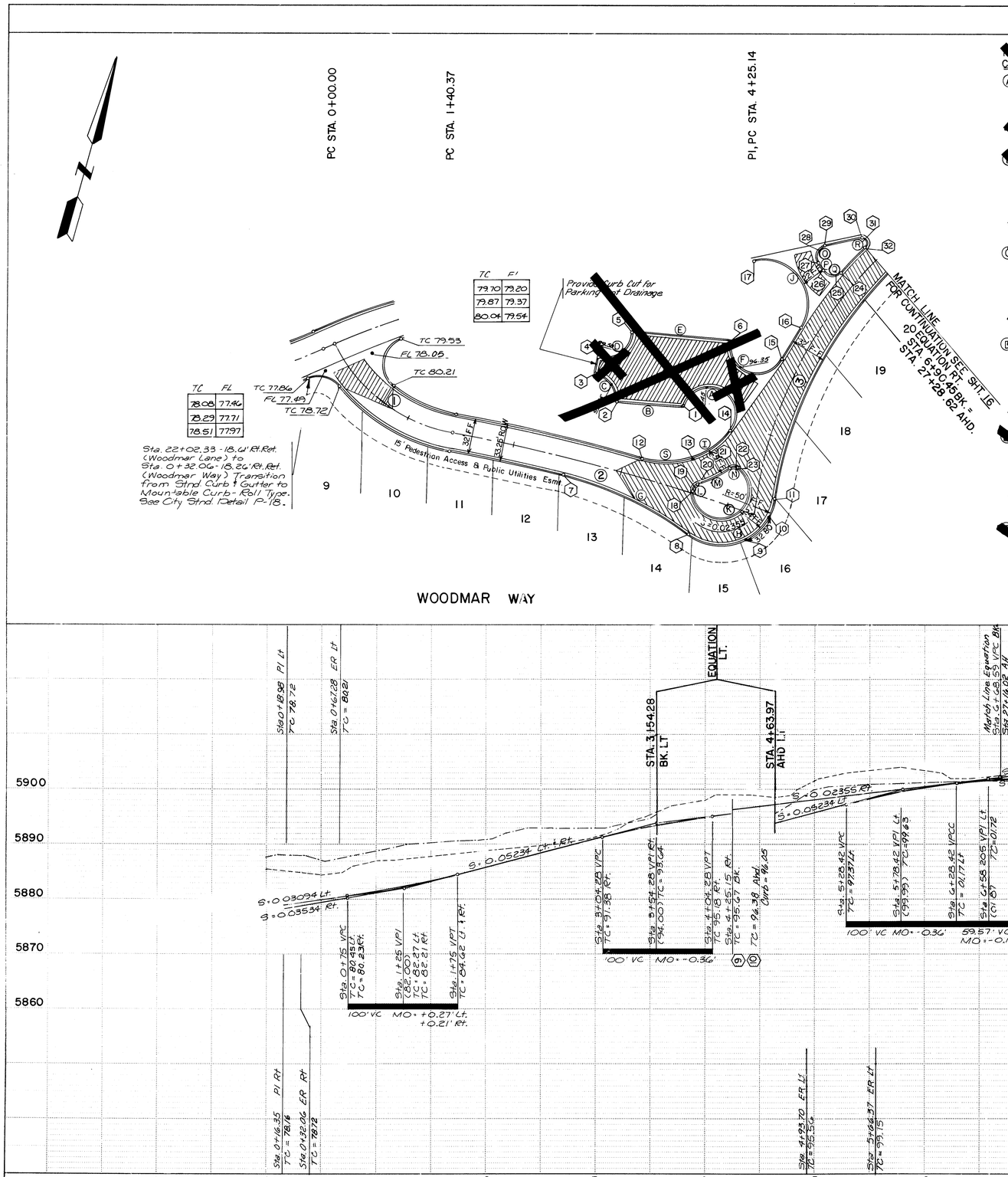
TITLE: THE BROADMOOR AT TANOAN
WOODMAR LANE (PRIVATE STREET)
TRACT 8 (PRIVATE DRAINAGE ROW)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		12/30/85	Liquid Waste	N/A	12/6/85
A.C.E.-Design		12/26/85	Traffic	D.O. Parker	12/6/85
A.C.E.-Hydrology		12/26/85	Water	N/A	12/6/85

DRAWING NO. 2610 | MAP NO. E22Z | SHEET 16 OF 22

2 6 2 6 1 0 1 6 8 6

BRUNING 44×32 62236



TC	FL
79.70	79.20
79.87	79.37
80.04	79.54

TC	FL
78.08	77.46
78.29	77.71
78.51	77.97

PARKING LOT CURB CURVE DATA

(A) Δ = 22°22'33" R = 25.00' L = 88.74'

(B) PI STA. 5+[illegible].82 Δ = 01[illegible]5'29" R = 56.00' L = [illegible].00' T = 30.0[illegible]'

(C) PI STA. 5+[illegible].33 Δ = 80[illegible]27' 43" R = [illegible].00' L = 35[illegible]' T = 21.1[illegible]

(D) PI STA. 5+4[illegible].36 Δ = 99[illegible] 17" R = [illegible].00' L = 43[illegible]' T = 29.3[illegible]

(E) PI STA. 5+[illegible].77 Δ = 0[illegible]47'14" R = 50.00' L = 39.50' T = 45.0[illegible]

(F) Δ = 165[illegible]00'01" R = [illegible].00' L = [illegible] 72.0[illegible]

RIGHT CURB CURVE DATA

(G) PI STA. 3+11.00
Δ = 22°59'28"
R = 315.00'
L = 126.40'
T = 64.06'

(H) PI STA. 4+56.86
Δ = 118°24'33"
R = 50.00'
L = 103.33'
T = 83.89'

LEFT CURB CURVE DATA

(I) PI STA. 4+87.47
Δ = 34° 08' 52"
R = 75.00'
L = 44.70'
T = 23.04'

(J) PI STA. 6+95.47
Δ = 134° 41' 17"
R = 40.00'
L = 94.03'
T = 95.83'

(S) PI STA. 3+35.62
Δ = 34° 08' 52"
R = 75.00'
L = 44.70'
T = 23.04'

MEDIANS CURB CURVE DATA

(K) Δ = 234° 33' 24" R = 24.75' L = 101.32'

(L) PI STA. 3+70.78
Δ = 72° 19' 26"
R = 5.00'
L = 6.31'
T = 3.65'

(M) PI STA. 4+79.39
Δ = 19° 12' 05"
R = 100.25'
L = 33.60'
T = 16.96'

(N) PI STA. 4+67.18
Δ = 72° 19' 22"
R = 5.00'
L = 6.31'
T = 3.65'

(O) PI STA. 6+82.41
Δ = 114° 32' 01"
R = 10.00'
L = 19.99'
T = 15.56'

(P) PI STA. 6+57.10
Δ = 08° 07' 06"
R = 62.25'
L = 8.82'
T = 4.42'

(Q) PI STA. 6+64.59
Δ = 110° 00' 46"
R = 10.00'
L = 19.20'
T = 14.28'

(R) PI STA. 7+08.06
Δ = 148° 16' 33"
R = 5.00'
L = 12.94'
T = 17.60'

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

STREET ℄ CURVE DATA

(1) PI STA. 0+75.80
Δ = 53° 37' 09"
R = 150.00'
L = 140.37'
T = 75.80'

(2) PI STA. 2+83.11
Δ = 09° 56' 18"
R = 1641.75'
L = 284.77'
T = 142.74'

(3) PI STA. 5+63.38
Δ = 39° 41' 39"
R = 382.96'
L = 265.31'
T = 138.23'

TOP OF CURB DATA

PT.	STA.	OFFSET	ELEV. @ TC.
1	5+00.82 WW	84.68' Lt	5892.95
2	4+91.18 WW	143.36' Lt	5889.87
3	5+04.69 WW	169.46' Lt	5888.58
4	5+14.98 WW	171.01' Lt	5888.55
5	5+37.72 WW	150.82' Lt	5889.77
6	5+60.85 WW	65.82' Lt	5894.66
7	2+42.94 WW	16.62' Rt	5882.17
8	3+72.97 WW	36.67' Rt	5894.30
9	4+25.15 WW	23.56' Rt	5895.67
10	4+25.15 WW	13.23' Rt	5896.38
11	4+42.83 WW	16.63' Rt	5896.80
12	3+12.58 WW	16.90' Lt	5891.82
13	3+54.28 WW	30.36' Lt	5894.00
14	4+93.70 WW	36.41' Lt	5895.56
15	5+66.37 WW	16.63' Lt	5899.15
16	5+99.64 WW	16.63' Lt	5900.37
17	26+26.37 WL	16.63' Lt	5895.67
18	3+65.23 WW	3.30' Lt	5893.71
19	3+70.00 WW	4.79' Lt	5894.00
20	3+67.13 WW	8.88' Lt	5894.28
21	4+62.43 WW	28.21' Lt	5895.17
22	4+59.26 WW	24.54' Lt	5895.55
23	4+63.53 WW	22.43' Lt	5895.65
24	6+59.02 WW	16.63' Lt	5901.73
25	6+59.02 WW	26.63' Lt	5900.00
26	6+50.31 WW	30.15' Lt	5899.79
27	6+52.68 WW	38.58' Lt	5899.50
27	26+83.00 WL	30.78' Rt	5899.50
28	6+61.58 WW	36+47' Lt	5899.43
28	26+92.10 WL	26+62' Rt	5899.43
29	6+66.85 WW	44.60' Lt	5899.37
29	26+92.10 WL	16.63' Rt	5899.37
30			
30	27+26.15 WL	16.63' Rt	5901.77
31	6+90.46 WW	21.63' Lt	5901.87
31	27+26.15 WL	21.63' Rt	5901.87
32	6+90.46 WW	16.63' Lt	5901.97
32	27+28.78 WL	25.88 Rt	5901.97

WL - Woodmar Lane
WW - Woodmar Way

SEAL NO. 5194 APPLIES TO AS-CONSTRUCTED SANITARY SEWER IMPROVEMENTS.

STATE OF NEW MEXICO No. 5194 PROFESSIONAL ENGINEER

RECORD DRAWINGS
6/4/86

NOTE: 26 2601 0186

STREET PROFILES ARE FOR TOP OF STANDARD CURB ONLY. FOR MOUNTABLE ROLL CURB TOP ELEVATIONS, SUBTRACT 0.33.'

As-Constructed 6/23/86

AS BUILT INFORMATION
INSPECTOR J.R. HALE
ACCEPTED BY BHI/S. WALKER DATE 2/86
INSPECTOR FIELD BY DATE
FIELD DATE
ELEVATION BY DATE
CHANGES BY DATE 6/86
CORRECTED BY BHI
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS Brass Cap "G-22"
Location is 12 miles East of the intersection of Academy Road N.E. and Eubank Blvd. N.E. Station is then 375' South on the South Rim of the Beer Canyon Tributary
Elev = 5734.53

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
11-27-85

NO.	DATE	REVISIONS	BY
4	6/17/86	AS-BUILTS	BHI
3	5/13/86	ELIMINATED PARKING AREA	BHI
2	2/13/86	REVISED CENTERLINE CURVE DATA	BHI
1	DATE	REMARKS	BY

DESIGNED BY KLS DATE 10/85
DRAWN BY LAD DATE 10/85
CHECKED BY KLS DATE 10/85

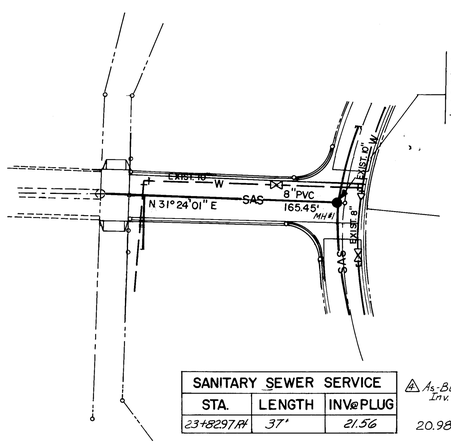
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
51631

TITLE: THE BROADMOOR AT TANOAN
WOODMAR WAY (PRIVATE STREET)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[illegible]	12/20/85	Liquid Waste	N/A BR	12/6/85
A.C.E. - Design	[illegible]	12/26/85	Traffic	D.A. Pardo	12/6/85
A.C.E. - Hydrology	[illegible]	12/26/85	Water	N/A GR	12/6/85

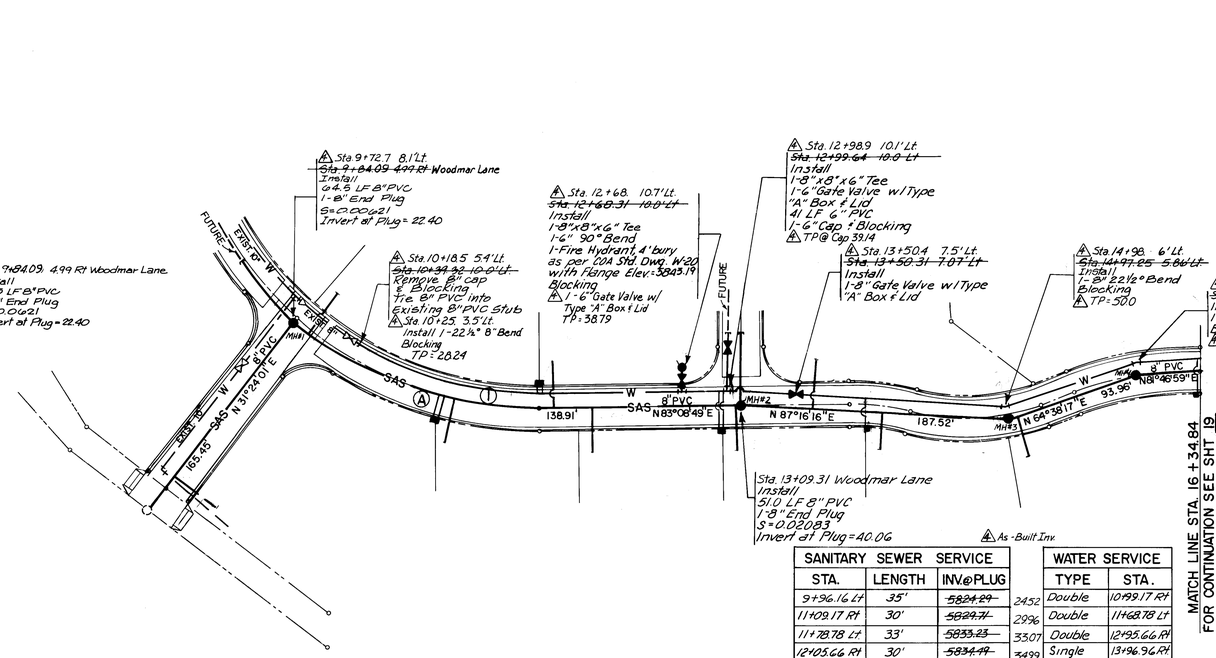
DRAWING NO. 2610 | MAP NO. E-22-Z | SHEET 17 OF 22

BRUNING 44 132 82236



SANITARY SEWER SERVICE			
STA.	LENGTH	INV@PLUG	As-Built Inv.
23+8297 Rt	37'	21.56	20.98

COUNTRY CLUB DRIVE

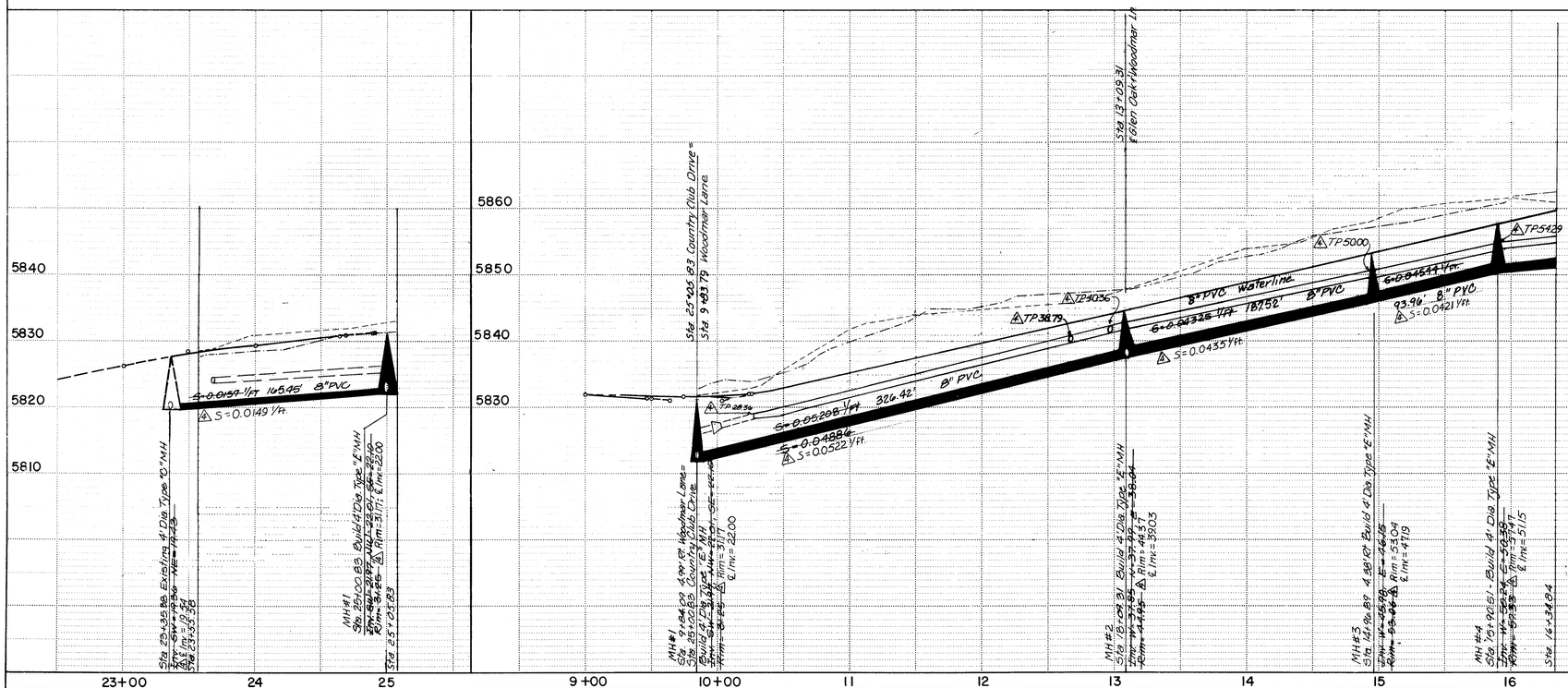


SANITARY SEWER SERVICE			
STA.	LENGTH	INV@PLUG	As-Built Inv.
9+96.16 Lt	35'	~~5824.29~~	2452
11+09.17 Rt	30'	~~5829.71~~	2996
11+78.78 Lt	33'	~~5833.23~~	3307
12+05.66 Rt	30'	~~5834.49~~	3499
13+05.66 Rt	30'	~~5839.37~~	40.24
13+60.31 Lt	35'	~~5841.86~~	3562
14+06.96 Rt	25	~~5843.67~~	44.65
15+03.91 Rt	28'	~~5847.94~~	4887

WATER SERVICE	
TYPE	STA.
Double	10+99.17 Rt
Double	11+68.78 Lt
Double	12+95.66 Rt
Single	13+96.96 Rt
~~Single~~	~~16+08.51 Lt~~
Single	16+34.84 Rt

WOODMAR LANE

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



26 26101886

As-Constructed 11/23/86

SANITARY SEWER ℄ CURVE DATA

Ⓐ PI STA. 10+81.65
Δ = 39° 03' 59"
R = 275.00'
L = 187.51'
T = 97.56'
BEG. TAN. S 83° 08' 49" E
END TAN. N 06° 51' 11" W

WATERLINE ℄ CURVE DATA

Ⓘ PI STA. 10+72.83
Δ = 45° 21' 56"
R = 240.00'
L = 190.03'
T = 100.31'

SEAL NO. 5154 APPLIES TO AS-CONSTRUCTED SANITARY SEWER IMPROVEMENTS.

RECORD DRAWINGS
DATE 6/4/86

NO.	DATE	REVISIONS	BY
4	6/17/86	AS-BUILT	BHI
3	3/31/86	WIDTH OF COUNTRY CLUB DRIVE	BHI
2	2/13/86	REVISED SAS GRADING	BHI

REMARKS

DESIGNED BY KLS — DESIGN — DATE 10/85
DRAWN BY LAD — DATE 10/85
CHECKED BY KLS — DATE 10/85

AS BUILT INFORMATION
CONTRACTOR J.R. HALE
WORK STAKED BY BHI/S. WALKER DATE 2/86
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY BHI DATE 6/86
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
ACS Brass Cap "W 22 2"
Location is 1.2 miles East of the intersection of Academy Road N.E. and Eubank Blvd N.E.
Station is then 375' South on the South Rim of the Bear Canyon Tributary.
Elev.= 5934.53

SURVEY INFORMATION
FIELD NOTES
NO. — BY — DATE

ENGINEER'S SEAL
11-27-85

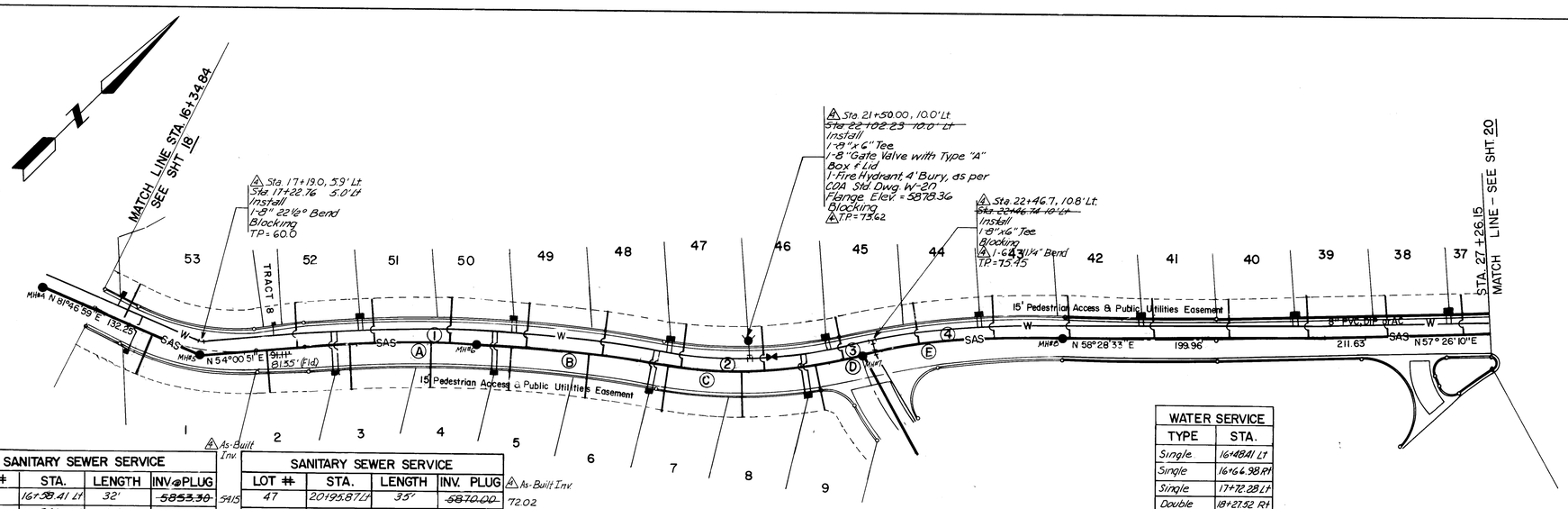
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
51631

TITLE: THE BROADMOOR AT TANOAN
COUNTRY CLUB DRIVE & WOODMAR LANE
UTILITY PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		12/30/85	Liquid Waste		12/6/85
A.C.E.-Design		12/20/85	Traffic	NA	12/6/85
A.C.E.-Hydrology		12/20/85	Water		12/6/85

DRAWING NO. 2610 — MAP NO. E 22 Z — SHEET 18 OF 22

BRUNING 44-132 62236



SANITARY SEWER SERVICE				
LOT #	STA.	LENGTH	INV @ PLUG	As-Built Inv.
53	16+58.41 Lt	32'	~~5853.30~~	5915
1	16+84.98 Rt	32'	~~5853.81~~	5373
2	17+74.82 Rt	32'	~~5857.56~~	5861
52	17+97.28 Lt	33'	~~5858.91~~	5925
3	18+37.52 Rt		~~5861.23~~	6146
51	18+56.55 Lt		~~5862.33~~	6276
4	19+00.71 Rt		~~5864.87~~	6538
50	19+15.65 Lt		~~5865.73~~	5941
5	19+63.03 Rt		~~5867.47~~	6793
49	19+75.04 Lt		~~5867.70~~	6948
6	20+24.73 Rt		~~5868.64~~	6940
48	20+34.91 Lt		~~5868.84~~	7205
7	20+86.03 Rt		~~5869.81~~	6983

SANITARY SEWER SERVICE				
LOT #	STA.	LENGTH	INV. PLUG	As-Built Inv.
47	20+95.87 Lt	35'	~~5870.00~~	72.02
8	21+43.84 Rt	35'	~~5870.91~~	71.88
46	21+59.86 Lt	35'	~~5871.21~~	72.54
9	22+03.43 Rt	35'	~~5872.04~~	72.73
45	22+23.23 Lt	34'	~~5872.40~~	73.18
44	22+82.91 Lt	32'	~~5873.57~~	73.86
43	23+41.26 Lt		~~5874.78~~	75.57
42	23+99.87 Lt		~~5876.20~~	76.37
41	24+65.58 Lt		~~5879.99~~	79.94
40	25+24.51 Lt		~~5883.39~~	83.79
39	25+84.60 Lt		~~5886.85~~	87.37
38	26+44.68 Lt		~~5890.32~~	91.16
37	27+04.77 Lt		~~5893.78~~	94.69

WATER SERVICE	
TYPE	STA.
Single	16+48.41 Lt
Single	16+66.98 Rt
Single	17+72.28 Lt
Double	18+27.52 Rt
Double	18+46.55 Lt
Double	19+53.03 Rt
Double	19+65.04 Lt
Double	20+76.03 Rt
Double	20+95.87 Lt
Double	21+93.43 Rt
Double	22+13.23 Lt
Double	23+31.26 Lt
Double	24+55.58 Lt
Double	25+74.60 Lt
Double	26+94.77 Lt

WOODMAR LANE

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

SANITARY SEWER ℄ CURVE DATA

Ⓐ PI STA. 18+70.01
Δ = 07° 04' 51"
R = 1081.36'
L = 133.64'
T = 66.91'
BEG. TAN. S 35° 59' 09" E
END TAN. N 28° 54' 18" W

Ⓑ PI STA. 20+08.19
Δ = 07° 33' 38"
R = 1081.36'
L = 142.69'
T = 71.45'
BEG. TAN. S 28° 54' 18" E
END TAN. N 21° 20' 40" W

Ⓒ PI STA. 21+51.74
Δ = 23° 12' 05"
R = 362.00'
L = 146.59'
T = 74.31'
BEG. TAN. = N 21° 20' 40" W
END TAN. = S 44° 32' 45" E

Ⓓ PI STA. 22+31.38
Δ = 00° 58' 59"
R = 625.00'
L = 10.72'
T = 5.36'
BEG. TAN. S 44° 32' 45" E
END TAN. N 43° 33' 46" W

Ⓔ PI STA. 23+16.06
Δ = 14° 28' 00"
R = 625.00'
L = 157.81'
T = 79.32'
BEG. TAN S 43° 33' 46" E
END TAN. = N 29° 05' 47" W

WATERLINE ℄ CURVE DATA

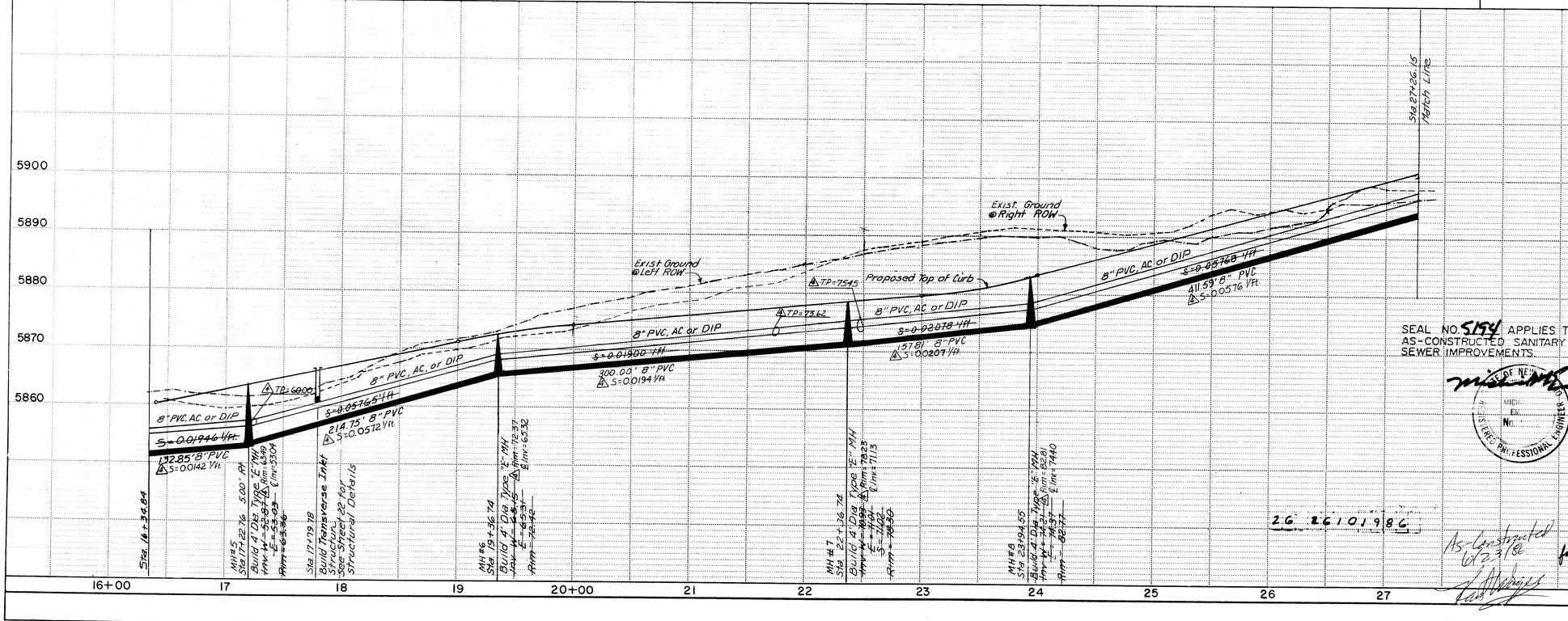
① PI STA. 19+43.31
Δ = 14° 38' 29"
R = 1091.36'
L = 278.89'
T = 140.21'

② PI STA. 21+51.69
Δ = 23° 12' 05"
R = 352.00'
L = 142.54'
T = 72.26'

③ PI STA. 22+36.55
Δ = 01° 53' 59"
R = 635.00'
L = 21.06'
T = 10.53'

④ PI STA. 23+22.18
Δ = 13° 32' 59"
R = 635.00'
L = 150.17'
T = 75.44'

RECORD DRAWINGS
DATE 6/4/86



SEAL NO. 5154 APPLIES TO AS-CONSTRUCTED SANITARY SEWER IMPROVEMENTS.

STATE OF NEW MEXICO
NO. 5154
REGISTERED PROFESSIONAL ENGINEER

26 26 10 19 86

As-Constructed 6/23/86

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

51632

TITLE: THE BROADMOOR AT TANOAN
WOODMAR LANE UTILITIES PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Andy Hull	12/30/85	Liquid Waste	B Bach	12/6/85
A.C.E.-Design	Andy Hull	12/26/85	Traffic	N/A BoP	12/6/85
A.C.E.-Hydrology	Andy Hull	12/26/85	Water	B Bach	12/6/85

DRAWING NO.	MAP NO.	SHEET	OF
2610	E-22-Z	19	22

AS BUILT INFORMATION
CONTRACTOR J.R. HALE
WORK STAKED BY BHI/S. WALKER DATE 2/86
INSPECTOR'S FINAL ACCEPTANCE BY DATE
VERIFICATION BY DATE
DRAWINGS CORRECTED BY BHI DATE 6/86
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS Brass Cap "6-E22"
Location is 1.2 miles East of the intersection of Academy Road N.E. and Eubank Blvd N.E.
Station is then 375' South on the South Rim of the Bear Canyon Tributary.
Elev. = 5734.53

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Stephen Sennett 11-27-85

NO.	DATE	REMARKS	BY
6	6/17/86	AS-BUILTS	BHI
1	2/13/86	REVISED SAS GRADING	BHI

REVISIONS

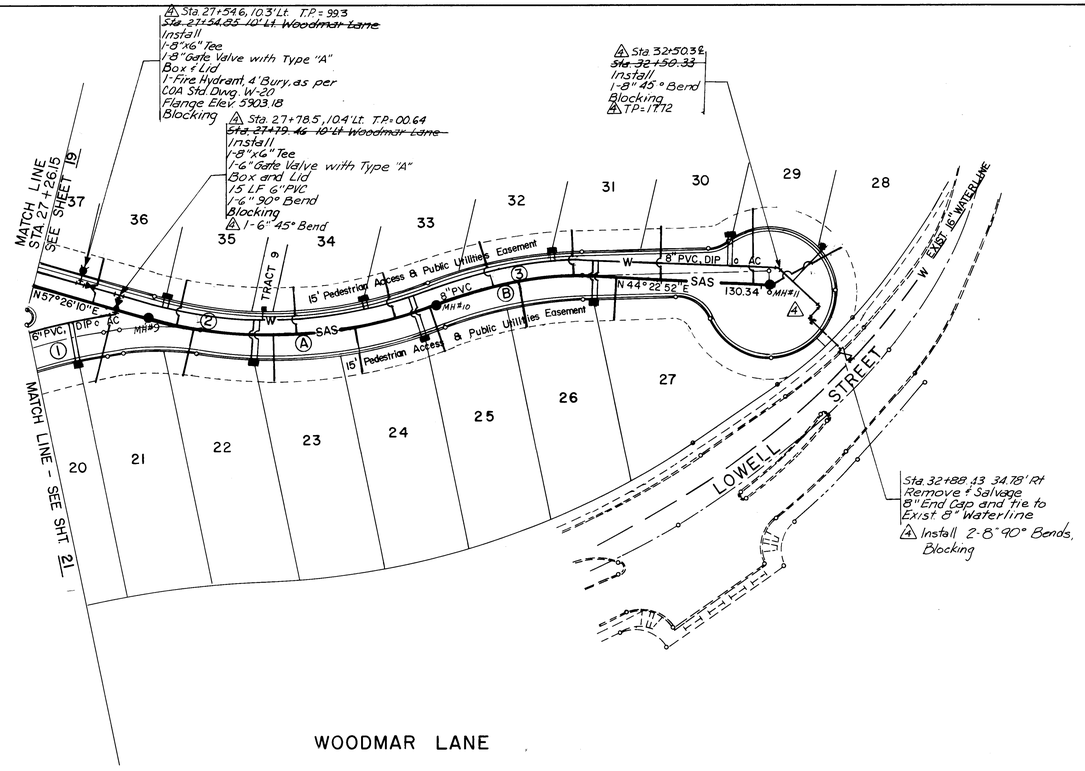
DESIGNED BY KLS	DESIGN	DATE 10/85
DRAWN BY LAD		DATE 10/85
CHECKED BY KLS		DATE 10/85

BRUNING 44-132 62236

SANITARY SEWER ℄ CURVE DATA

Ⓐ P.I. STA. 29+12.68
Δ = 37° 12' 31"
R = 316.49'
L = 205.53'
T = 106.54'
BEG. TAN. N 32° 33' 50" E
END TAN. S 69° 46' 21" E

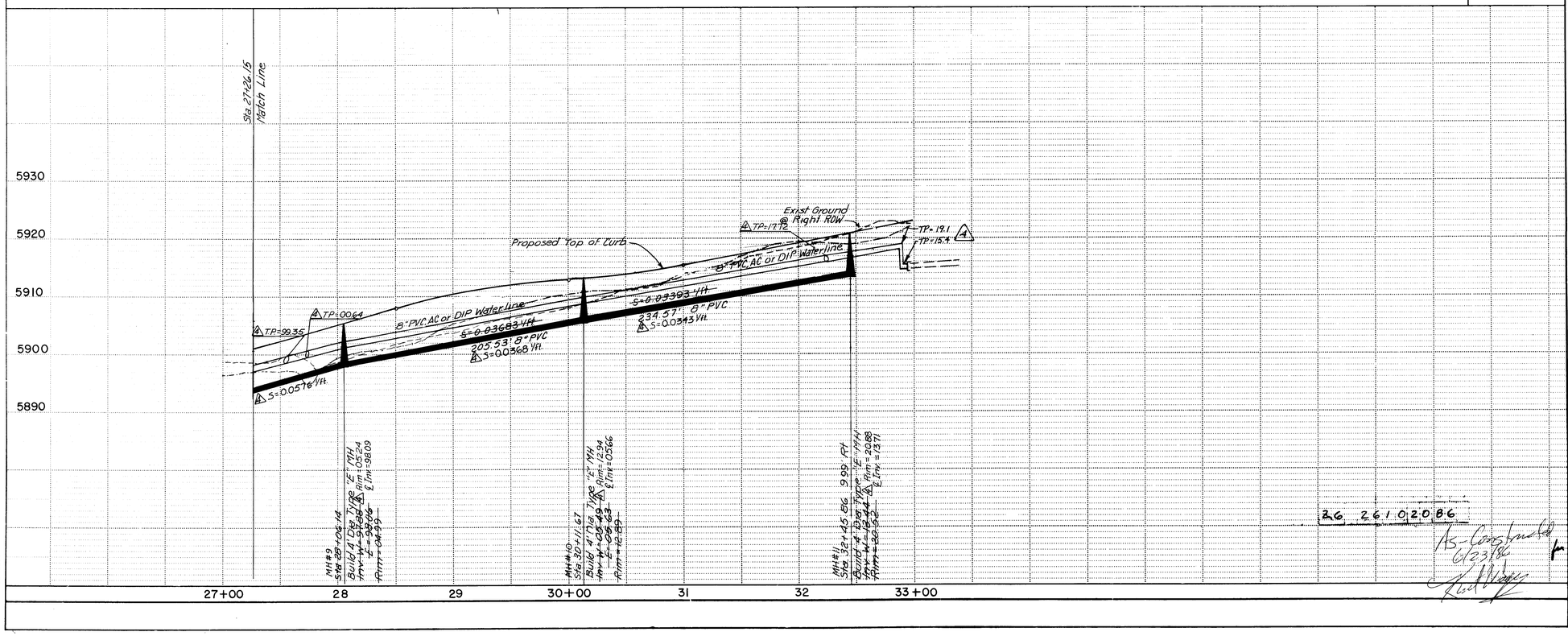
Ⓑ P.I. STA. 30+64.31
Δ = 19° 45' 36"
R = 302.22'
L = 104.23'
T = 52.64'
BEG. TAN. S 69° 46' 21" E
END TAN. N 50° 00' 45" W



SANITARY SEWER SERVICE				
LOT #	STA.	LENGTH	INV.@PLUG	As-Built Inv.
36	27+64.85 Lt	32'	~~5897.25~~	98.07
21	27+82.97 Rt	50'	~~5898.65~~	99.49
35	28+25.42 Lt	32'	~~5900.34~~	02.13
22	28+39.53 Rt	34'	~~5900.90~~	01.77
23	28+95.09 Rt	33'	~~5902.93~~	03.63
34	29+08.60 Lt	32'	~~5903.40~~	04.78
24	29+52.85 Rt	32'	~~5905.03~~	05.30
33	29+80.36 Lt	32'	~~5906.05~~	06.61
25	30+06.95 Rt	32'	~~5907.03~~	08.96
32	30+50.43 Lt	32'	~~5908.52~~	09.79
26	30+69.17 Rt	32'	~~5909.15~~	10.05
31	31+08.84 Lt	32'	~~5910.50~~	11.36
27	31+36.67 Rt	31'	~~5911.42~~	12.53
30	31+69.87 Lt	37'	~~5912.67~~	13.79
29	32+35.42 Lt	54'	~~5915.23~~	16.48
28	32+45.86 Lt	59'	~~5915.70~~	17.10

WATER SERVICE	
TYPE	STA.
Double	27+67.97 Rt
Double	28+15.42 Lt
Double	28+82.09 Rt
Single	28+87.10 Lt
Double	29+62.36 Lt
Double	29+96.95 Rt
Double	30+95.84 Lt
Double	31+22.67 Rt
Double	32+20.42 Lt
Single	38+80.32 Lt

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



WATERLINE ℄ CURVE DATA

① PI STA. 7+10.91 WOODMAR WAY
Δ = 12° 00' 14"
R = 392.96'
L = 82.33'
T = 41.32'

② PI STA. 29+09.31
Δ = 37° 12' 31"
R = 306.49'
L = 199.04'
T = 103.17'

③ PI STA. 30+66.05
Δ = 19° 45' 36"
R = 312.22
L = 107.68
T = 54.38

SEAL NO. 5194 APPLIES TO AS-CONSTRUCTED SANITARY SEWER IMPROVEMENTS.

STATE OF NEW MEXICO MICHAEL E. MOONEY No. 5194 REGISTERED PROFESSIONAL ENGINEER

RECORD DRAWINGS
DATE 6/4/86

26 261 020 86

As-Constructed 6/23/86

NO.	DATE	REMARKS	BY
1	6/17/86	AS-BUILTS	BHI

REVISIONS

DESIGN		
DESIGNED BY	KLS	DATE 10/85
DRAWN BY	LAD	DATE 10/85
CHECKED BY	KLS	DATE 10/85

AS BUILT INFORMATION
CONTRACTOR J.R. HALE
WORK STAKED BY BHI/S. WALKER DATE 2/86
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY BHI DATE 6/86
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS Brass Cap "6-C-22"
Location is 1.2 miles East of the intersection of Academy Road NE and Eubank Blvd N.E.
Station is then .375' South on the Rim of the Bear Canyon Tributary.
Elev = 5734.53

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
Stan Burnett 11-27-85

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
51632

TITLE:
THE BROADMOOR AT TANOAN
WOODMAR LANE UTILITIES PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		12/26/85	Liquid Waste		12/6/85
A.C.E.-Design		12/26/85	Traffic	N.A.	12/6/85
A.C.E.-Hydrology		12/26/85	Water		12/6/85

DRAWING NO. 2610
MAP NO. E22Z
SHEET 20 OF 22

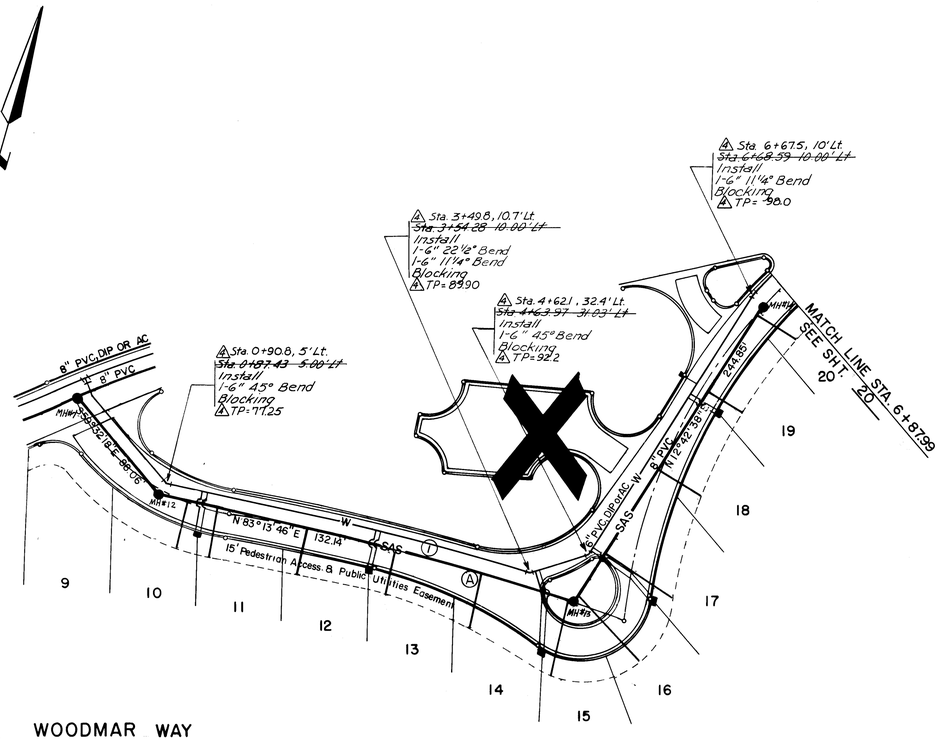
BRUNING 44×32 62236

SANITARY SEWER ℄ CURVE DATA

Ⓐ PI. STA. 3+04.09
Δ = 5° 55' 35"
R = 1641.75'
L = 169.82
T = 84.98
BEG. TAN. S 6° 46' 14" E
END TAN. N 0° 50' 39" W

WATERLINE ℄ CURVE DATA

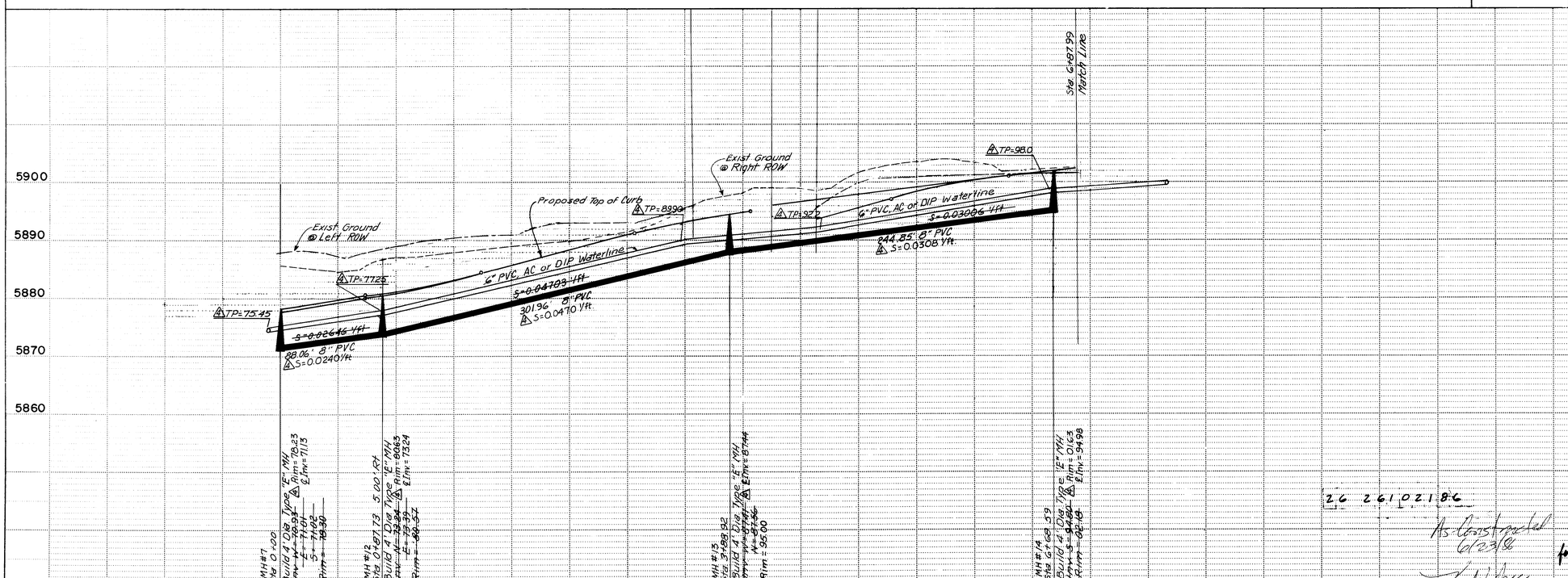
Ⓘ PI STA. 2+87.15
Δ = 4° 43' 03"
R = 1651.75'
L = 136.00'
T = 68.04'



SANITARY SEWER SERVICE				
LOT #	STA.	LENGTH	INV. PLUG	As-Built Inv.
10	1+11.59 Rt	34'	~~5876.19~~	76.15
11	1+31.59 Rt	35'	~~5877.06~~	78.14
12	1+93.80 Rt	33'	~~5879.95~~	81.01
13	2+56.63 Rt	33'	~~5882.90~~	83.57
14	3+20.01 Rt	39'	~~5886.04~~	86.38
15	3+85.92 Rt	55'	~~5889.46~~	90.68
16	3+91.92 Rt	61'	~~5889.81~~	91.86
17	4+52.83 Rt	56'	~~5891.54~~	92.22
18	5+29.81 Rt	35	~~5893.39~~	94.34
19	5+98.77 Rt	28'	~~5894.32~~	95.27
20	6+63.59 Rt	33'	~~5896.37~~	96.61

WATER SERVICE	
TYPE	STA.
Double	1+21.59 Rt
Double	2+42.63 Rt
Double	3+77.31 Rt
Double	4+42.83 Rt
Double	5+88.77 Rt
Single	5+99.64 Lt

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



26 26 10 21 86

As-Constructed 6/23/86

AS BUILT INFORMATION	
CONTRACTOR	J.R. HALE
WORK STAKED BY	BHI/S. WALKER DATE 2/86
INSPECTORS FIELD CHANGE BY	DATE
VERIFICATION BY FIELD CHANGES	DATE
CORRECTED BY	BHI DATE 6/86
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS
ACS Brass Cap "6-E22"
Location is 12 miles East of the intersection of Academy Road N.E. and Eubank Blvd N.E. Station is then 375' South on the South Rim of the Bear Canyon Tributary.
Elev = 5734.53

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

SEAL NO. 5194 APPLIES TO AS-CONSTRUCTED SANITARY SEWER IMPROVEMENTS.

RECORD DRAWINGS
DATE 6/4/86

NO.	DATE	REMARKS	BY
1	6/17/86	AS-BUILTS	BHI

REVISIONS

DESIGN		
DESIGNED BY	KLS	DATE 10/85
DRAWN BY	LAD	DATE 10/85
CHECKED BY	KLS	DATE 10/85

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

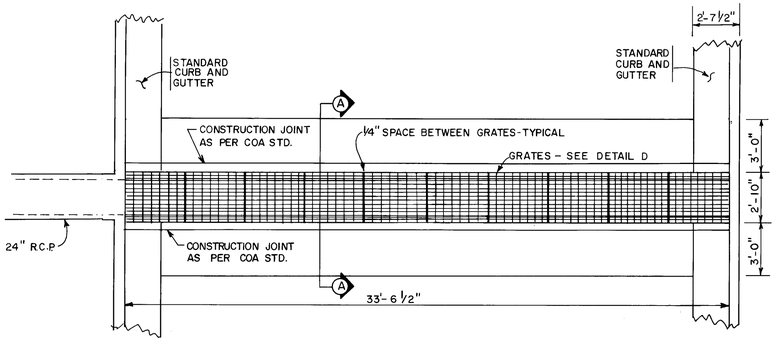
51632

TITLE:
THE BROADMOOR AT TANOAN
WOODMAR WAY UTILITIES PLAN & PROFILE

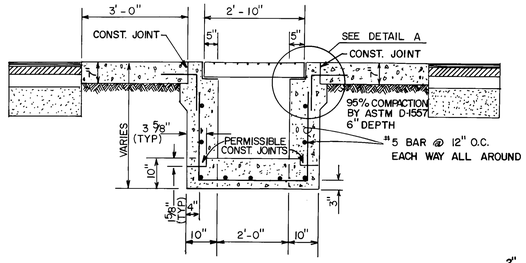
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		12/30/85	Liquid Waste		12/6/85
A.C.E.-Design		12/26/85	Traffic	N/A	12/6/85
A.C.E.-Hydrology		12/26/85	Water		12/6/85

DRAWING NO.	MAP NO.	SHEET	OF
2610	E 22Z	21	22

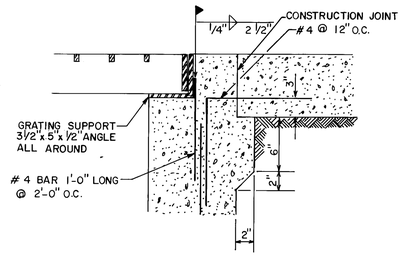
BRUNING 44.132 62236



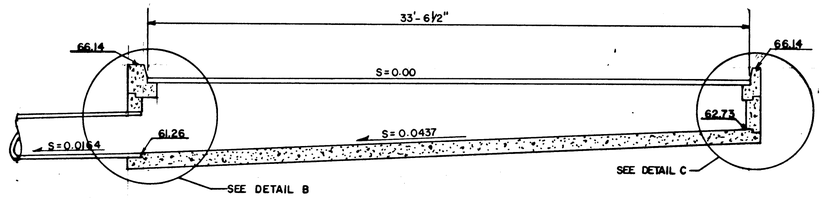
PLAN
SCALE: 1/4" = 1'-0"



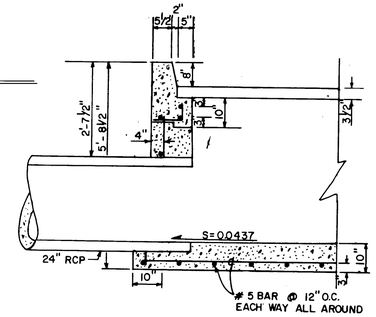
SECTION A-A
SCALE: 1/2" = 1'-0"



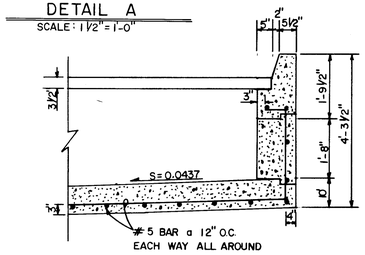
DETAIL A
SCALE: 1 1/2" = 1'-0"



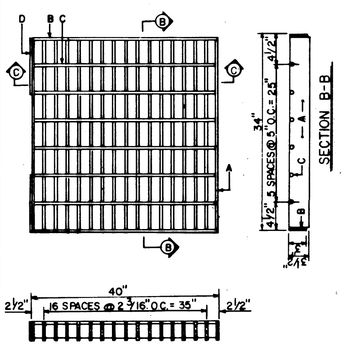
PROFILE
SCALE: 1/4" = 1'-0"



DETAIL B
SCALE: 1/2" = 1'-0"



DETAIL C
SCALE: 1/2" = 1'-0"



SECTION B-B

SECTION C-C

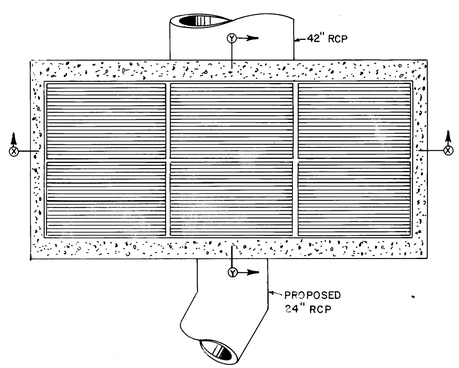
DETAIL D
NO SCALE

GENERAL NOTES:

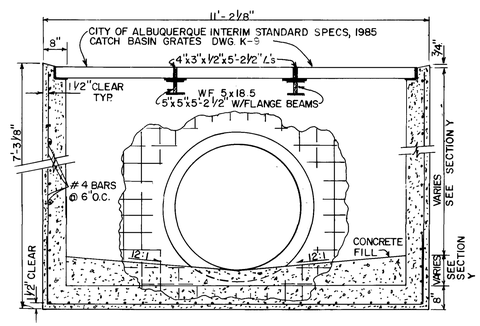
1. FINISHED DIMENSIONS, 3 1/2" X 34" X 40"
2. ALL BARS SHALL BE STRUCTURAL GRADE STEEL, CLASS A36.
3. THE GRATE SHALL BE WELDED WITH 1/8" FILLET WELD AROUND BOTH SIDES OF CROSS BARS, 1/4" FILLET WELD BOTH SIDES OF BEARING BARS.
4. AFTER CLEANING SURFACE OF SCALE, RUST, OILS, ETC., PAINT GRATE WITH ONE SHOP COAT RED OXIDE, TWO FINISH COATS ALUMINUM PAINT (AASHTO M 69).
5. ANY DAMAGE TO THE PAINTING SHALL BE REPAIRED IN AN APPROVED MANNER.
6. TOP OF CROSS BARS SHALL BE FLUSH WITH TOP OF GRATE.
7. GRIND WELDS FLUSH WITH BEARING BARS.
8. WHEN INSTALLED IN FRAME, PUSH TIGHT TO ONE SIDE, OTHER SIDE SHALL HAVE 5/8" MAX. OPENING. SPACERS WELDED TO FRAME MAY BE USED IF REQUIRED TO KEEP 5/8" SPACE OR LESS. WELD TO FRAME.

CONSTRUCTION NOTES:

A. BEARING BARS, (13) 1/2" X 3 1/2" X 34"
B. END BARS, (2) 1/2" X 3" X 40"
C. CROSS BARS, (7) 1/2" DIA X 39"
D. SPACER PLATE (2) 3/8" X 3 1/2" X 9 1/2"



PLAN VIEW
NOT TO SCALE

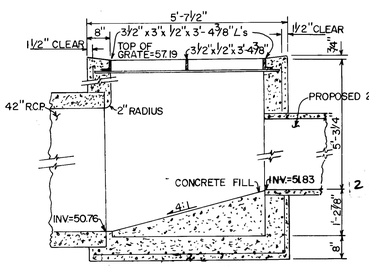


SECTION X-X
SCALE: 1/2" = 1'-0"

GENERAL NOTES

1. REMOVE 3'-6" DIAMETER SECTION OF INTLET WALL. LEAVE 4" REBAR EXPOSED. GROUT WITH NON-SHRINK, NON-METALLIC GROUT.
2. NEW DRAIN LINE TO BE REINFORCED CONCRETE PIPE. DRAIN SIZE TO BE 24" DIAMETER.

PROPOSED TIE TO EXISTING INLET



SECTION Y-Y
SCALE: 1/2" = 1'-0"

As-Constructed 6/23/86 pm

SEAL NO. 5194 APPLIES TO AS-CONSTRUCTED SANITARY SEWER IMPROVEMENTS.

STATE OF NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

RECORD DRAWINGS
DATE 6/4/86

NO.	DATE	REMARKS	BY
4	6/17/86	AS-BUILTS	BHI

REVISIONS

DESIGNED BY DBT DATE 10/85
DRAWN BY LAD DATE 10/85
CHECKED BY DBT DATE 10/85

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

51632

TITLE:
THE BROADMOOR AT TANOAN
STORM DRAIN DETAIL SHEET

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		12/30/85	Liquid Waste		12/6/85
A C E - Design		12/27/85	Traffic		12/6/85
A C E - Hydrology		12/27/85	Water		12/6/85

DRAWING NO. 2610 | MAP NO. E22Z | SHEET 22 OF 22

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS
ACS Brass Cap
Location is 1.2 miles East of the intersection of Academy Road NE and Eubank Blvd NE
Station is then 375' South on the South Rim of The Bear Canyon Tributary
Elev = 5734.53

AS BUILT INFORMATION
CONTRACTOR J.R. HALE
WORK STAKED BY BHI/JS. WALKER DATE 2/86
SURVEY CHECKED BY
ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY BHI DATE 6/86
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL
10-22-85

BRUNING 44-132 62236