

CONSTRUCTION PLANS FOR

LAS LOMITAS

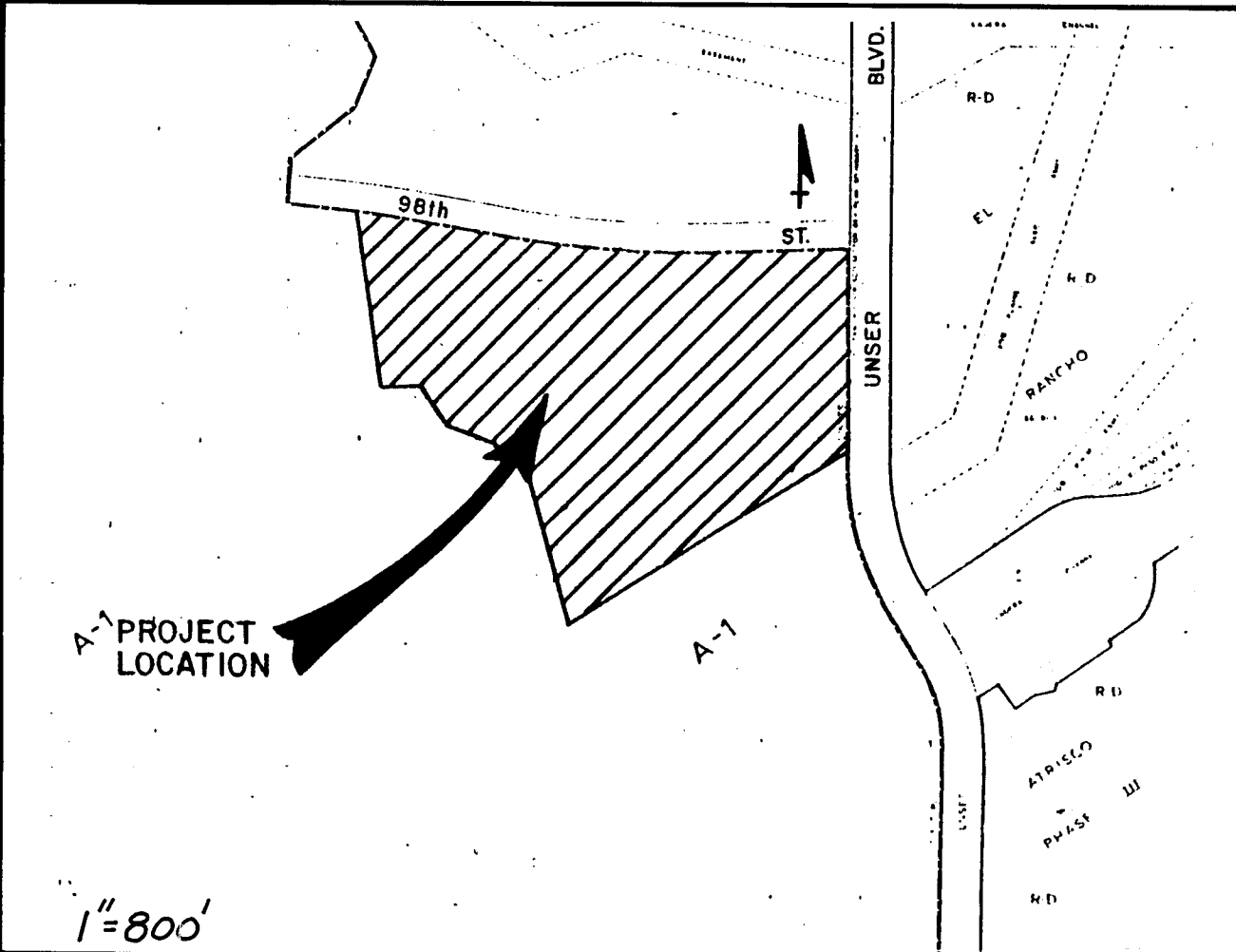
UNIT 1

DRAINAGE, GRADING, PAVING AND UTILITY IMPROVEMENTS

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NOTE:
PHASE ONE CONSTRUCTION LIMIT IS AT
BACK OF CURB, WEST SIDE OF CALLE
DE ENTRADA, EXCEPT FOR WHEELCHAIR
RAMPS EACH SIDE OF CALLE DE
ENTRADA AT 98TH STREET.

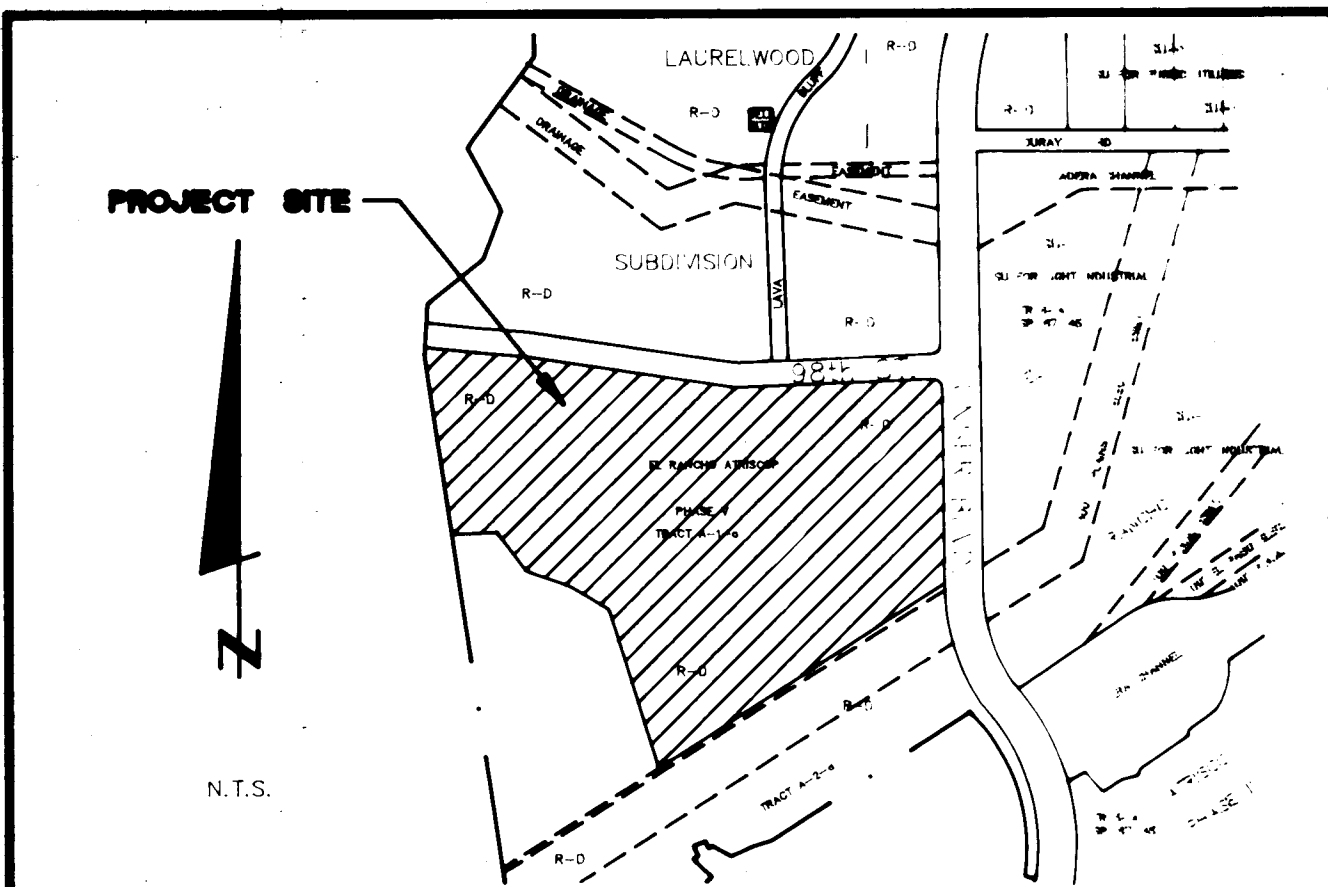
26 4422.900192



VICINITY MAP H-9

- GENERAL NOTES:
- All work detailed on these plans to be performed under contract, and unless stated otherwise or provided for hereon, shall be constructed in accordance with the City of Albuquerque Standard Specifications, Public Works Construction, 1986 Edition.
 - Two working days prior to any excavation, the contractor must contact New Mexico One Call, 260-1990, for location of existing utilities.
 - Prior to construction, the contractor shall excavate and verify the horizontal and vertical location of existing utilities being connected to and all potential obstructions. Should a conflict exist, the contractor shall notify the Engineer so that the conflict can be resolved with a minimum amount of delay.
 - All Work on this project shall be performed in accordance with applicable Federal, State and Local laws, rules and regulations concerning safety and health.
 - Contractor shall maintain access to adjacent properties during construction.
 - All gas, electric, telephone lines, cables and appurtenances encountered during construction that require relocation shall be done by the responsible utility. The contractor shall be responsible for coordination of all necessary utility adjustments.
 - It shall be the contractor's responsibility to protect and maintain in service all existing utilities.
 - The contractor shall be required to confine his work within the construction limits and/or public right of way or easements to preserve existing vegetation and private property. Overnight parking of equipment and/or storage of materials is not allowed except by permission of Owner. Restoration of private improvements will be at the contractor's expense.
 - A disposal site for all excess excavation material, asphaltic paving, concrete curbs and sidewalks, etc. shall be obtained by the contractor in compliance with applicable environmental regulations and approved by the Field Engineer. All costs incurred in obtaining a disposal site and haul thereto shall be considered incidental to the project and no separate measurement or payment shall be made.
 - When abutting existing pavement to new, sawcut existing pavement to a straight edge and at a right angle, or as approved by the Project Engineer, to remove any broken or cracked pavement.
 - Three (3) working days prior to beginning construction the Contractor shall submit to the Construction Co-ordination Division a detailed construction schedule. Two (2) working days prior to construction the contractor shall obtain a barricading permit from the construction Co-ordination Division. Contractor shall notify Barricade Engineer (768-2551) prior to occupying an Intersection. See Section 19 of the specifications.
 - All Final Backfill for trenches shall be compacted to a minimum 90% maximum density per ASTM D-1557 and as directed by Section 701.14.2 and Standard Drawing Number 2315.
 - Contractor shall submit a Revegetation Plan to Engineer for prior approval.
 - Contractor shall remove and dispose of the existing barbed wire fence between limits as shown on plans.

REV.	SHEETS	CITY	ENGR.	DATE	USER	DEPT.	DATE	USER	DEPT.	DATE
APPROVAL OF REVISIONS										
ENGINEER'S SEAL					BRASHER ENGINEERING INC. 11930 MENAUL BLVD. NE SUITE 111 ALBUQUERQUE, NEW MEXICO 87112 (505) 296-0422			APPROVED FOR CONSTRUCTION 4-20-92 C.E.		
PROJECT NUMBER 4422.90					SHEET 1 OF 27					



LOCATION MAP

SUBDIVISION DATA

1. ORB Case No. 89-145
2. Zone Atlas Index No. H-9
3. Number of Lots Created: 66
4. Gross Subdivision Acreage: 0.32627 Acres
5. Total Mileage of Full Width Streets Created: 0.7470 Miles
6. Date of Survey: 1988 & 1991

NOTES

1. Bearings are New Mexico State Plane and bearings (Central).
2. Distances are ground distances.
3. Bearings and distances in parenthesis are found.
4. Centerline (in lieu of R/W) monumentation to be installed at all centerline P.O.s, P.T.s, angle points and street intersections as shown hereon, and will consist of a standard four inch, 1/4" diameter, alloy cap stamped "City of Albuquerque", "Centerline Monument", "Do Not Disturb", "PLS # 7719".
5. Basis of Boundary is the plat of record entitled EL RANCHO ATRISCO, PHASE V as the same is shown and designated on said plat filed for record in the office of the County Clerk of Bernalillo County, New Mexico on September 25, 1987 in Volume 136, Page 170, & 171.
6. Unless otherwise indicated, all points shown with an open circle are a set 5/8" rebar with cap marked "City of Albuquerque".
7. Lots denoted with a double asterisk ** are subject to Section 40.01 of the City of Albuquerque Comprehensive Zoning Code.
8. Rear yard access shall be provided to the building under Boulevard and/or 98th Street.

DESCRIPTION

A tract of land situate within the public right-of-way of the 98th Street, Range 2 East, New Mexico Principal Meridian, and within the 14th Street, City of Albuquerque, Bernalillo County, New Mexico, being the same as shown and designated on said plat filed for record in the office of the County Clerk of Bernalillo County, New Mexico on September 25th, 1987 in Volume 136, Page 170, & 171, and being 0.32627 acres more or less.

City of Albuquerque Water and Sanitary Sewer Service to Las Lomitas must be verified and coordinated with the Public Works Department, City of Albuquerque.

PURPOSE OF PLAT

1. Dedicate public right-of-way for residential streets.
2. Dedicate additional public right-of-way at the intersection of 98th Street N.W. and Unser Boulevard N.W.
3. Dedicate public drainage and pedestrian access right-of-way.
4. Grant public underground drainage easement.
5. Grant public water, gas line and sanitary sewer easement.
6. Grant public utility easements.

OWNER'S FREE CONSENT AND DEDICATION

The subdivision herein described is with the free consent and in accordance with the desires of the undersigned owner and/or proprietor thereof. Said owner and/or proprietor does hereby dedicate all public street right-of-way, public drainage and pedestrian access right-of-way and grants public underground drainage, public water and sanitary easements as shown hereon to the City of Albuquerque in fee simple. Said owner and/or proprietor does hereby grant public utility easements as shown hereon and granted for the common and joint use and benefit of:

1. The Public Service Company of New Mexico for the installation, maintenance and service of overhead and underground electrical lines, transformers, poles and any other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical service.
2. The Gas Company of New Mexico for installation, maintenance and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
3. U.S. West for the installation, maintenance and service of all buried and aerial communications lines and other related equipment and facilities reasonably necessary to provide communications services, including but not limited to above ground pedestals and closures.
4. Jones Interconnect for the installation, maintenance and service of such lines, cable and other related equipment and facilities reasonably necessary to provide cable television 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 electrical transformers, with the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purposes set forth herein. No building, sign, pool (above ground or subsurface), hot tub, concrete or wood pool deck, or other structure shall be erected or constructed on said easements, nor shall any well be drilled or operated thereon. Property owners shall be solely responsible for correcting any violations of National Electric Code enforced by construction of pools, decking, or any structures adjacent to, within, or near easements shown on this plat. Said owner and/or proprietor does hereby grant a gas line easement as shown hereon.

By approving this document, the utility companies do not waive or release any easement or easement rights which may have been granted by prior plat, report or document.

THE PRESLEY REYNOLDS
Charles W. Reynolds
Charles Reynolds, President

STATE OF NEW MEXICO

COUNTY OF BERNALILLO

On this 9 day of December

Sharon K. Moore

Notary Public

12.9.91

Date

12.9.91

Date

PLAT FOR LAS LOMITAS UNIT I AND UNIT II A SUBDIVISION OF THE CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO NOVEMBER, 1991

APPROVED AND ACCEPTED BY

Subdivision Case No. _____

Planning Director, City of Albuquerque, N.M. _____ Date _____

City Engineering Div., City of Albuquerque, N.M. _____ Date _____

Albuquerque Metropolitan Arroyo Flood Control Authority _____ Date _____

Traffic Div., City of Albuquerque, N.M. _____ Date _____

Robert W. Kane _____ Date _____

Water Utilities Dept., City of Albuquerque, N.M. _____ Date _____

Parks and Recreation Dept., City of Albuquerque, N.M. _____ Date _____

City Surveyor, City of Albuquerque, N.M. _____ Date _____

Property Management, City of Albuquerque, N.M. _____ Date _____

County Treasurer, Bernalillo County, N.M. _____ Date _____

Gas Company of New Mexico _____ Date _____

U.S. Telecommunications _____ Date _____

Public Service Company of New Mexico _____ Date _____

Jones Interconnect, Inc. _____ Date _____

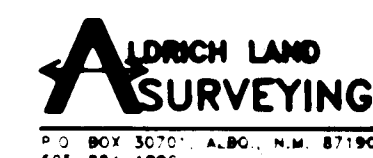
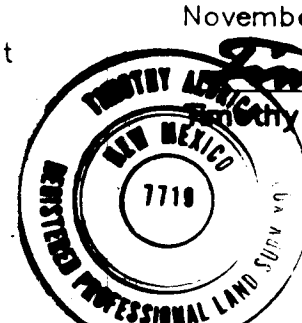
SURVEYOR'S CERTIFICATION

I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that this plat and description were prepared by me or under my supervision, shows all easements as shown on the plat of record or made known to me by the owners and/or proprietors of the subdivision shown hereon, utility companies and other parties expressing an interest and meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, and further meets the Minimum Standards for Land Surveying in the State of New Mexico (Effective November 1, 1989), and is true and correct to the best of my knowledge and belief.

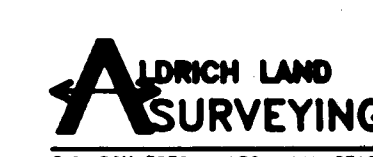
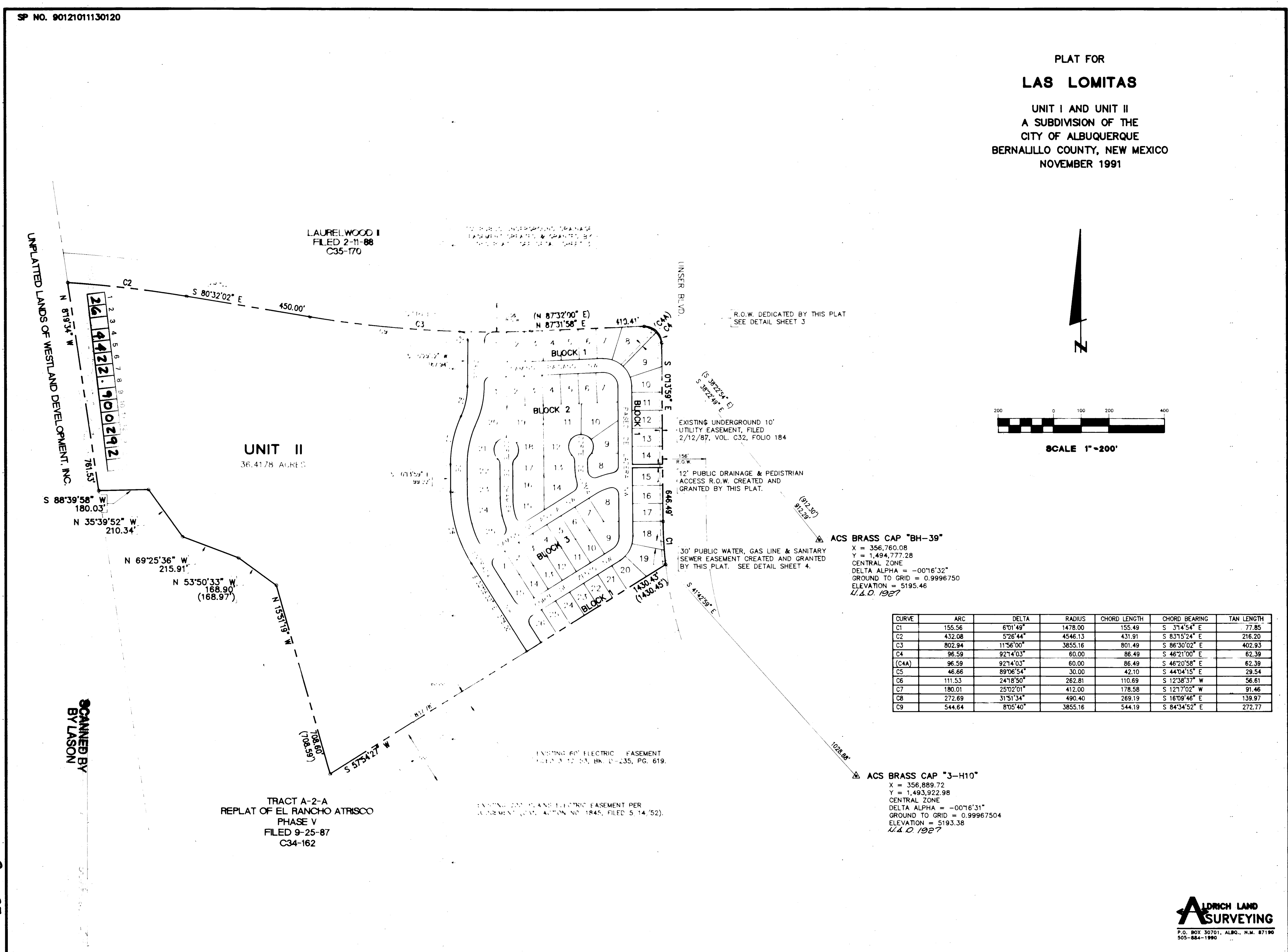
Timothy Aldrich, P.S. No. 7719

12.9.91

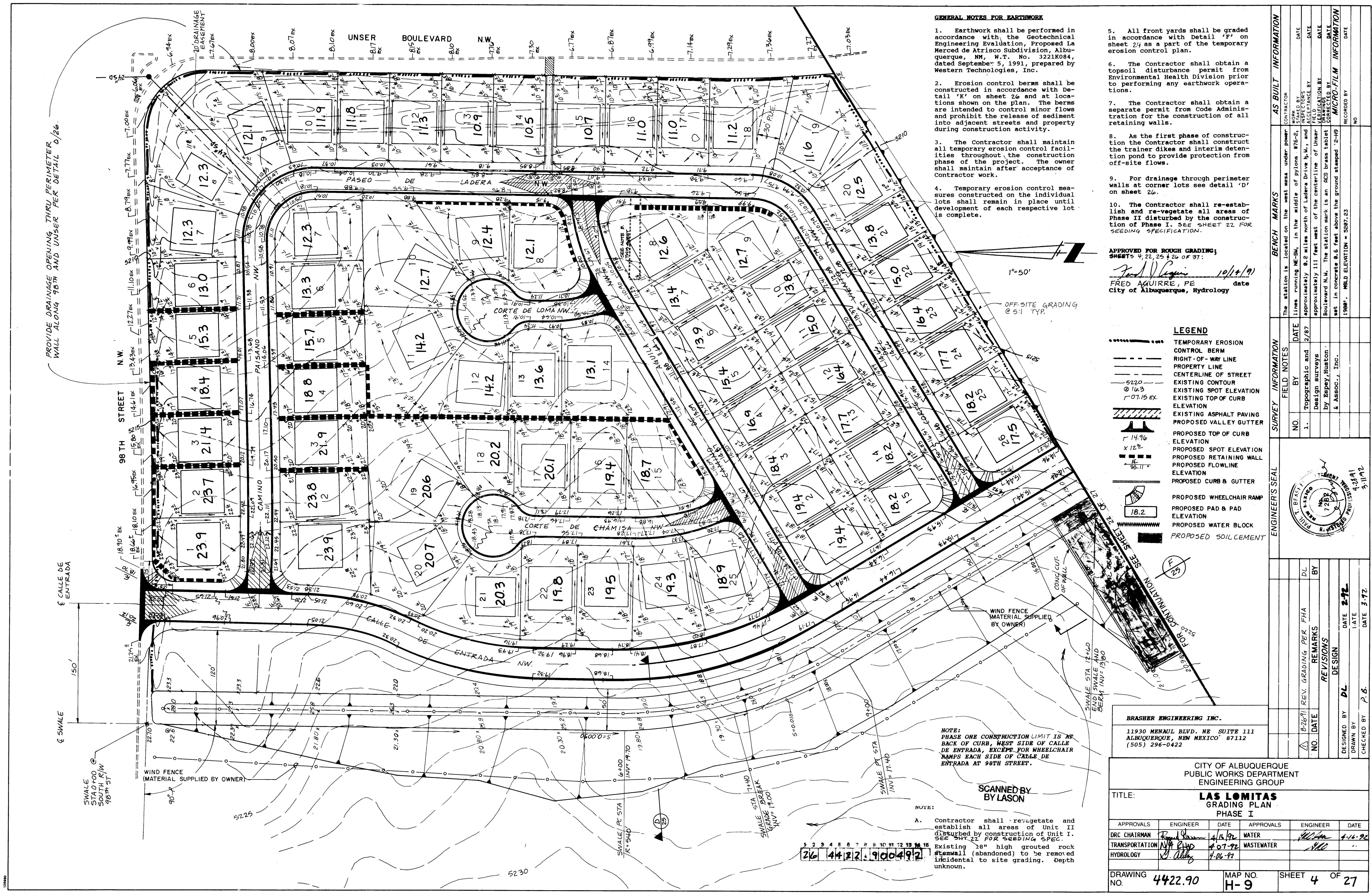
Date

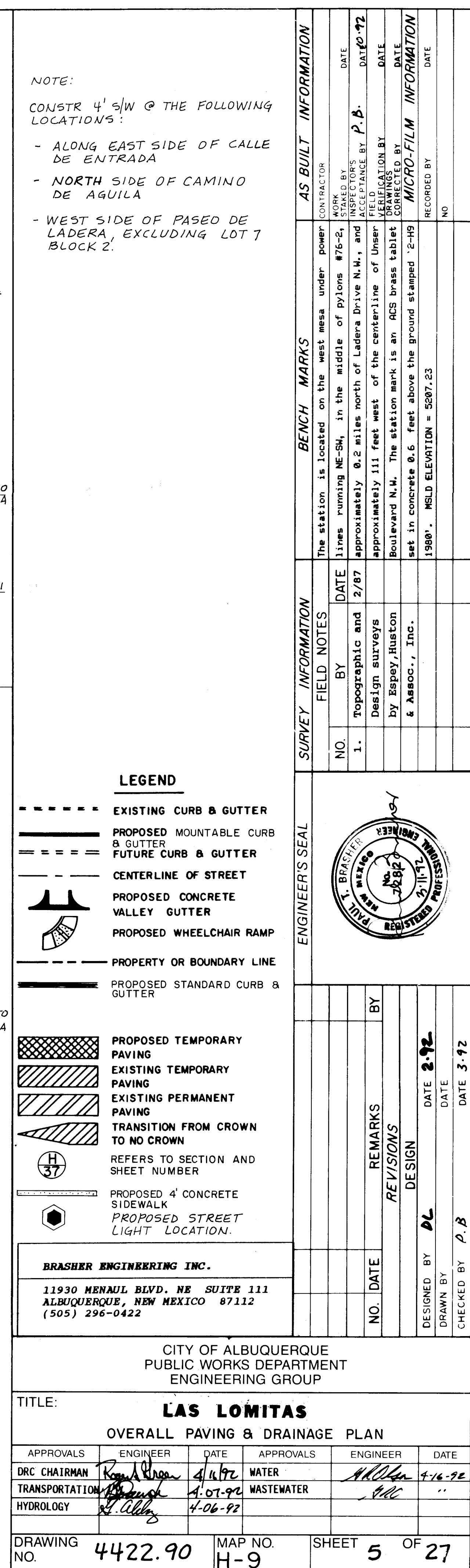


SHEET 1 OF 4



SHEET 2 OF 4





NOTE:
PHASE ONE CONSTRUCTION LIMIT IS AT
BACK OF CURB, WEST SIDE OF CALLE
DE ENTRADA, EXCEPT FOR WHEELCHAIR
RAMPS EACH SIDE OF CALLE DE
ENTRADA AT 98TH STREET.

FILL VALVE CANS WITH DIRT
ON EXISTING WATER VALVES TO
BE ABANDONED. VERIFY THAT EXIST
VALVES ARE CLOSED, THEN TACK
WELD VALVE CAN COVERS @ 1/4
POINTS (4 VALVES). SEE NOTE 4
FOR CUTTING OF EXISTING STUBS.

STA. 1+25.00 RECONQUISTA=STA.
0+00.00 MONTOYA

STA. 3+85.22 RECONQUISTA=STA.
0+00.00 FRANCISCO

STA. 6+16.22 RECONQUISTA=STA.
1+25.94 ESTERO

NOTE:
20" C.CYL. WATERLINE
NOT PART OF THIS CONTRACT

UNPLATTED
LANDS OF
WESTLAND

TRACT A-2-A EL RANCHO ATRISCO

NOT IN CONTRACT

TRACT A-2-A EL RANCHO ATRISCO

WATERLINE "A"
SEWERLINE "A"

EXISTING 60 PLAINS ELECTRIC ESMT.

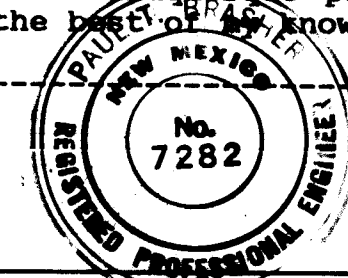
EXISTING 200 PLAINS ELECTRIC ESMT.

RECORD DRAWING

This drawing as modified shows improvements as constructed. These modifications have been made using information and measurements obtained by Aldrich Land Surveying, the Contractor and City Inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque per Development Process Manual, Section 27.4 to the best of our knowledge and belief.

Paul Brasher, P.E. 7282

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 4422. 900692



SCANNED BY
BY LASON

WATER AND SANITARY SEWER

- ALL STATIONING AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.
- THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DRAWINGS ARE APPLICABLE TO THE WATER AND SANITARY SEWER CONSTRUCTION:
- SEWER SERVICE INVERT ELEVATIONS SHOWN ON UTILITY PIP SHEETS ARE FOR SERVICE LINE AT PROPERTY LINE. SERVICE LINES ARE TO BE EXTENDED AND CAPPED AT A POINT 5' BEYOND RIGHT-OF-WAY, NOT AT R/W LINE AS SHOWN. SEE DETAIL 'B' SHEET 27.
- EXISTING WATER STUBS TERMINATE AT OR OUTSIDE OF ROW LINE. ALL STUBS SHALL BE EXCAVATED, CUT TO 5' INSIDE ROW, CAPPED AND BLOCKED. MARK CAP W/ EMD. APPROX. 40 SF CONC. SIDEWALK SHALL BE REMOVED & REPLACED TO ALLOW FOR EXCAVATION. (4 STUBS AS SHOWN).

- #### LEGEND
- W - EXISTING WATERLINE
 - SAS - EXISTING SANITARY SEWER
 - MANHOLE - EXISTING MANHOLE
 - FIRE HYDRANT - EXISTING FIRE HYDRANT
 - GATE VALVE - EXISTING GATE VALVE
 - W - PROPOSED WATERLINE
 - SAS - PROPOSED SANITARY SEWER
 - MANHOLE - PROPOSED MANHOLE
 - FIRE HYDRANT - PROPOSED FIRE HYDRANT
 - GATE VALVE - PROPOSED GATE VALVE
 - CAP OR PLUG - PROPOSED CAP OR PLUG
 - SINGLE METER - PROPOSED SINGLE METER
 - WATER SERVICE LINE - WATER SERVICE LINE
 - DOUBLE METER - PROPOSED DOUBLE METER
 - SANITARY SEWER SERVICE LINE - PROPOSED SANITARY SEWER SERVICE LINE
 - CROSS, TEE OR ELBOW - PROPOSED CROSS, TEE OR ELBOW

BRASHER ENGINEERING INC.
11930 MENAUL BLVD. NE SUITE 111
ALBUQUERQUE, NEW MEXICO 87112
(505) 296-0422

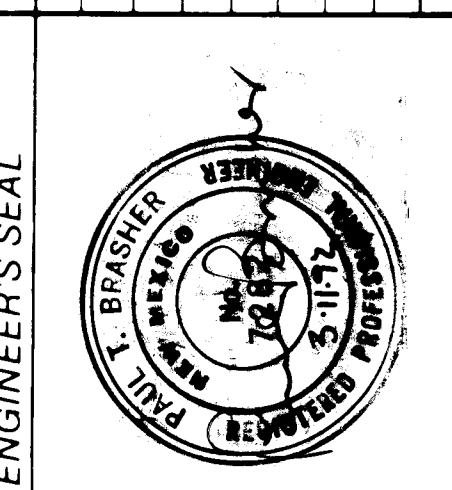
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:
LAS LOMITAS
OVERALL UTILITY PLAN

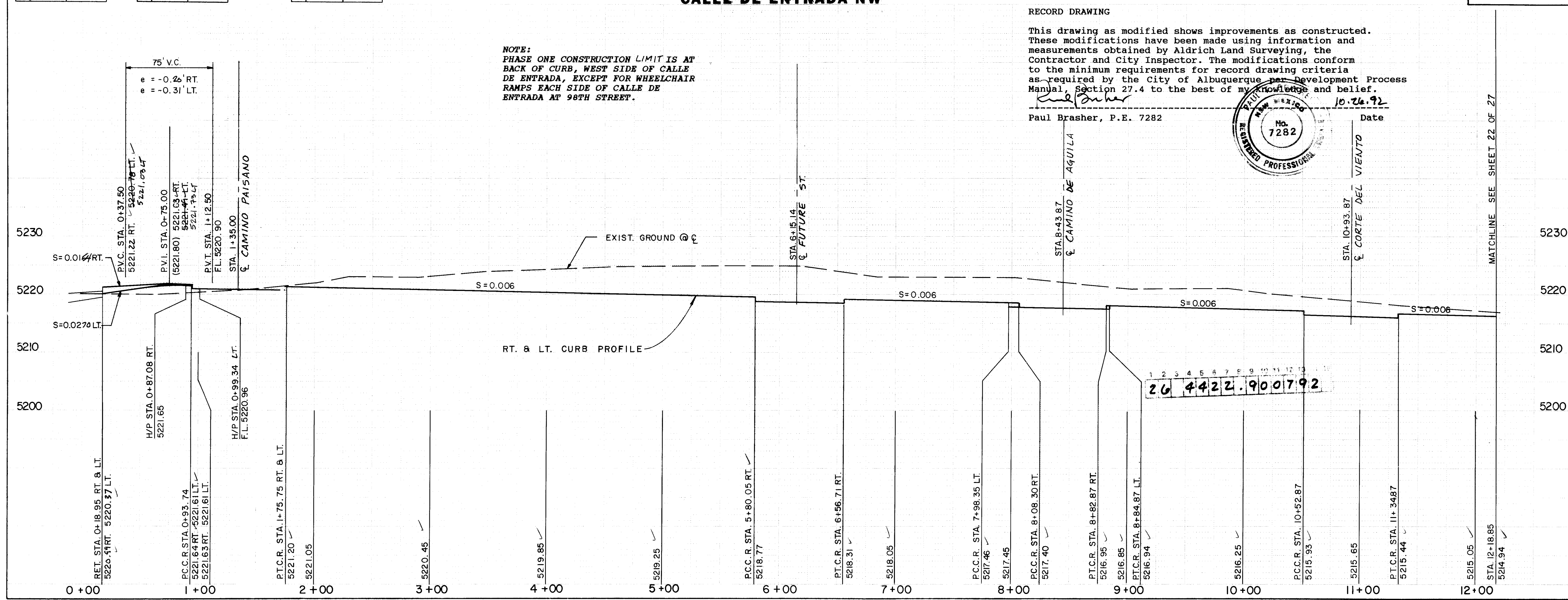
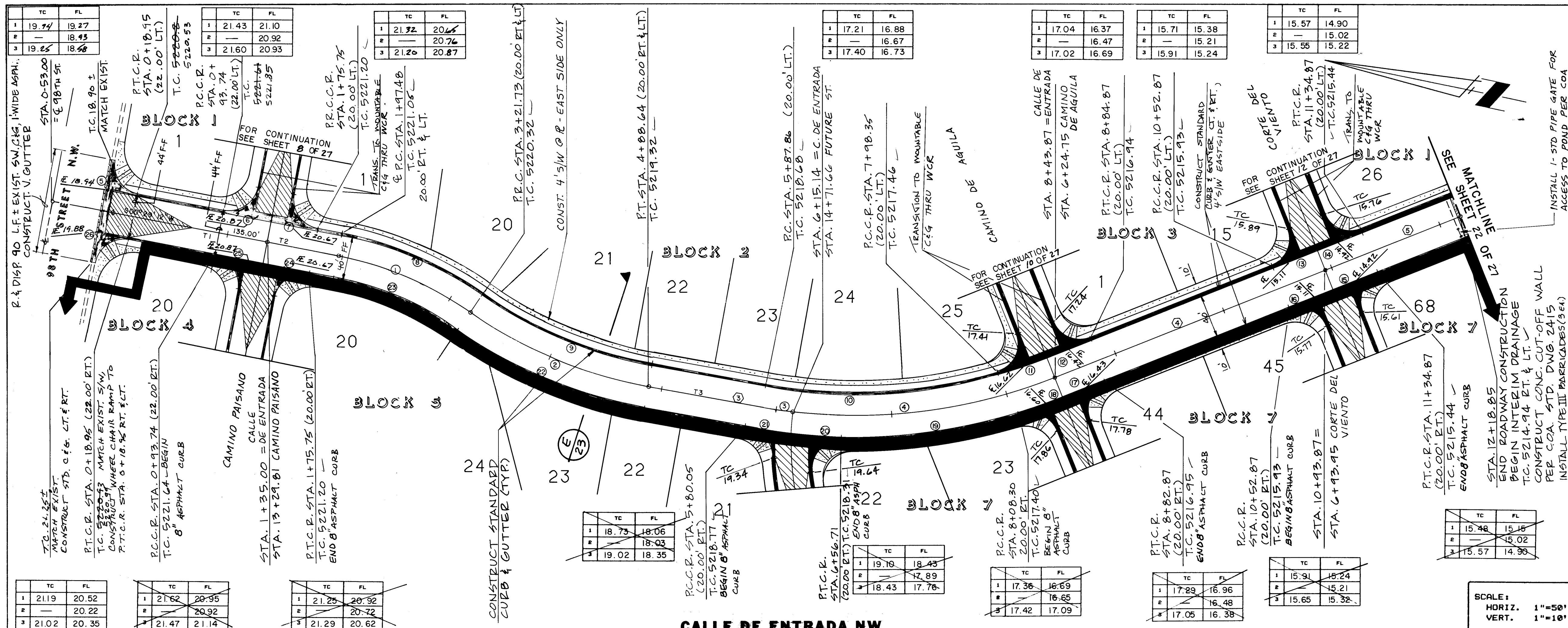
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Paul Brasher	4-16-92	WATER	W. Allen	4-16-92
TRANSPORTATION	W. Allen	4-07-92	WASTEWATER	W. Allen	"
HYDROLOGY	W. Allen	4-06-92			

DRAWING NO. 4422.90 MAP NO. H-9 SHEET 6 OF 27

SURVEY INFORMATION		FIELD NOTES		BENCH MARKS		AS BUILT INFORMATION	
NO.	1.	DATE	BY	NO.	1.	CONTRACTOR	DATE
	Topographic and Design surveys by Rapp, Ruston & Assoc., Inc.	2/87					



NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED BY	P.B.	DATE	3-92
DRAWN BY		DATE	
CHECKED BY	P.B.	DATE	3-92



0+00 1+00 2+00 3+00 4+00 5+00 6+00 7+00 8+00 9+00 10+00 11+00 12+00

PAVING

1. ALL STATIONING AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.

2. THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DRAWINGS ARE APPLICABLE TO THE PAVING CONSTRUCTION:

2401	2415	2422
2405	2418	2430
2407	2420	2440
2408	2421	2441

ADDITIONAL COURSES/ CALLE DE ENTRADA

REF. NO.	BEARING	DISTANCE
1	S 00°29'13"W	135.00
2	S 00°29'12"W	62.48
3	S 00°13'59"E	99.22
4	S 32°05'33"E	250.00
5	S 32°05'33"E	125.00

CURVE DATA

CURVE NO.	DELTA	RADIUS	LENGTH	TAN
24	18°50'	292.81	124.25	63.08
25	02°01'	382.00	166.90	84.81
26	23°42'	460.40	27.28	13.64
27	27°52'	460.40	228.72	116.77
28	20°07'	25.00	38.98	24.51
29	39°10'	25.00	39.55	25.29
30	21°37'	25.00	38.99	24.72
31	18°50'	312.81	132.74	67.39
32	02°01'	362.00	158.16	80.36
33	11°47'	440.40	201.36	102.47
34	39°47'	25.00	41.74	27.60
35	00°00'	25.00	29.27	25.00
36	00°00'	25.00	29.27	25.00
37	00°00'	25.00	29.27	25.00
38	00°00'	25.00	29.27	25.00
39	00°00'	25.00	29.27	25.00
40	00°00'	25.00	29.27	25.00
41	00°00'	25.00	29.27	25.00
42	00°00'	25.00	29.27	25.00
43	00°00'	25.00	29.27	25.00
44	00°00'	25.00	29.27	25.00
45	00°00'	25.00	29.27	25.00
46	00°00'	25.00	29.27	25.00
47	00°00'	25.00	29.27	25.00
48	00°00'	25.00	29.27	25.00
49	00°00'	25.00	29.27	25.00
50	00°00'	25.00	29.27	25.00
51	00°00'	25.00	29.27	25.00
52	00°00'	25.00	29.27	25.00
53	00°00'	25.00	29.27	25.00
54	00°00'	25.00	29.27	25.00
55	00°00'	25.00	29.27	25.00
56	00°00'	25.00	29.27	25.00
57	00°00'	25.00	29.27	25.00
58	00°00'	25.00	29.27	25.00
59	00°00'	25.00	29.27	25.00
60	00°00'	25.00	29.27	25.00
61	00°00'	25.00	29.27	25.00
62	00°00'	25.00	29.27	25.00
63	00°00'	25.00	29.27	25.00
64	00°00'	25.00	29.27	25.00
65	00°00'	25.00	29.27	25.00
66	00°00'	25.00	29.27	25.00
67	00°00'	25.00	29.27	25.00
68	00°00'	25.00	29.27	25.00
69	00°00'	25.00	29.27	25.00
70	00°00'	25.00	29.27	25.00
71	00°00'	25.00	29.27	25.00
72	00°00'	25.00	29.27	25.00
73	00°00'	25.00	29.27	25.00
74	00°00'	25.00	29.27	25.00
75	00°00'	25.00	29.27	25.00
76	00°00'	25.00	29.27	25.00
77	00°00'	25.00	29.27	25.00
78	00°00'	25.00	29.27	25.00
79	00°00'	25.00	29.27	25.00
80	00°00'	25.00	29.27	25.00
81	00°00'	25.00	29.27	25.00
82	00°00'	25.00	29.27	25.00
83	00°00'	25.00	29.27	25.00
84	00°00'	25.00	29.27	25.00
85	00°00'	25.00	29.27	25.00
86	00°00'	25.00	29.27	25.00
87	00°00'	25.00	29.27	25.00
88	00°00'	25.00	29.27	25.00
89	00°00'	25.00	29.27	25.00
90	00°00'	25.00	29.27	25.00
91	00°00'	25.00	29.27	25.00
92	00°00'	25.00	29.27	25.00
93	00°00'	25.00	29.27	25.00
94	00°00'	25.00	29.27	25.00
95	00°00'	25.00	29.27	25.00
96	00°00'	25.00	29.27	25.00
97	00°00'	25.00	29.27	25.00
98	00°00'	25.00	29.27	25.00
99	00°00'	25.00	29.27	25.00
100	00°00'	25.00	29.27	25.00

LEGEND

- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- FUTURE CURB & GUTTER
- CENTERLINE OF STREET
- PROPOSED CONCRETE VALLEY GUTTER
- PROPOSED WHEELCHAIR RAMP
- PROPERTY OR BOUNDARY LINE
- TRANSITION FROM CROWN TO NO CROWN

RECORD DRAWING

This drawing as modified shows improvements as constructed. These modifications have been made using information and measurements obtained by Aldrich Land Surveying, the Contractor and City Inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque Development Process Manual, Section 27.4 to the best of my knowledge and belief.

Paul Brasher, P.E. 7282

SCANNED BY BYLASON

BRASHER ENGINEERING INC.

11930 MENAUL BLVD. NE SUITE 111
ALBUQUERQUE, NEW MEXICO 87112
(505) 296-0422

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LAS LOMITAS
CALLE DE ENTRADA NW.
PAVING PLAN AND PROFILE

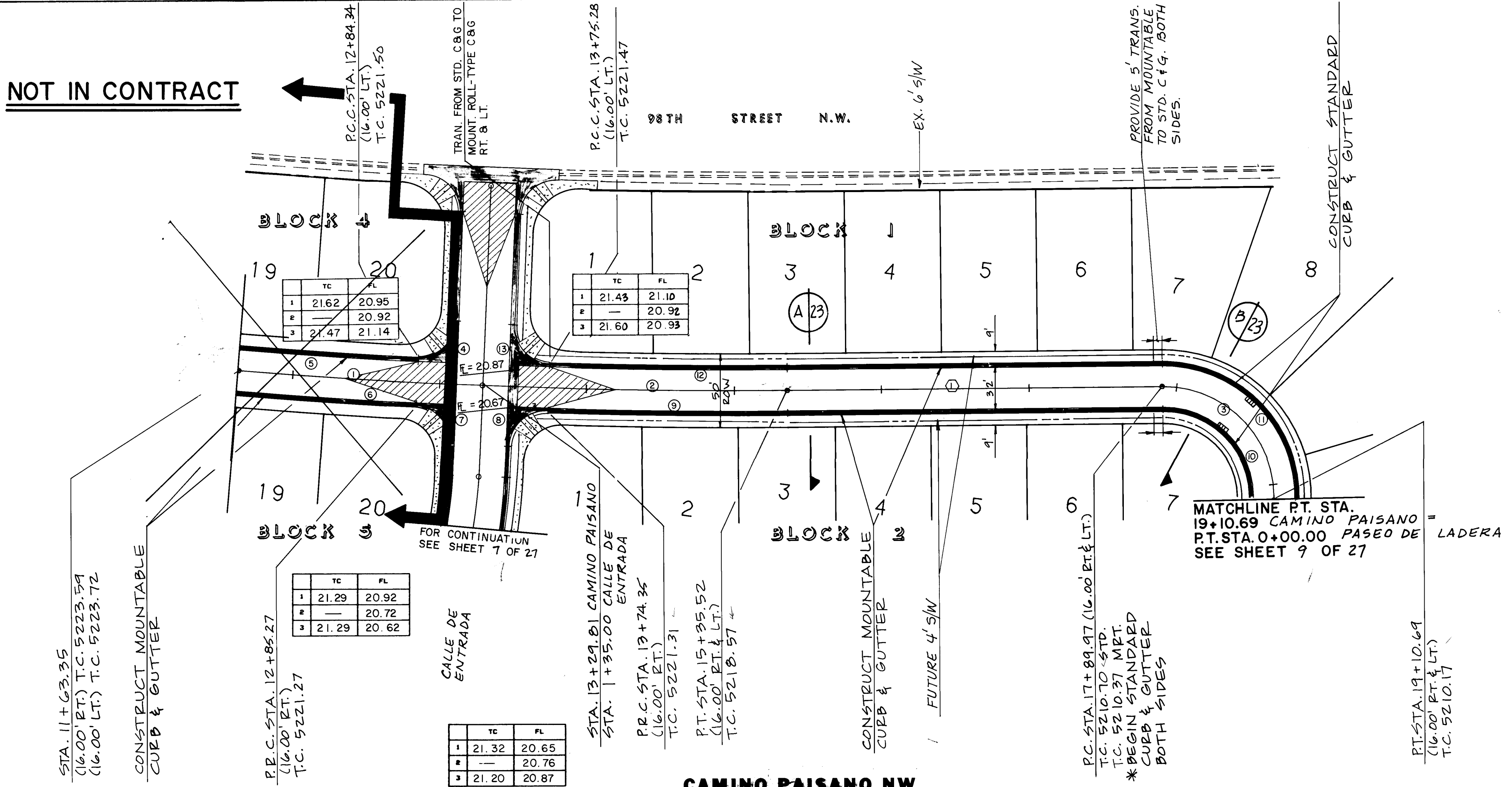
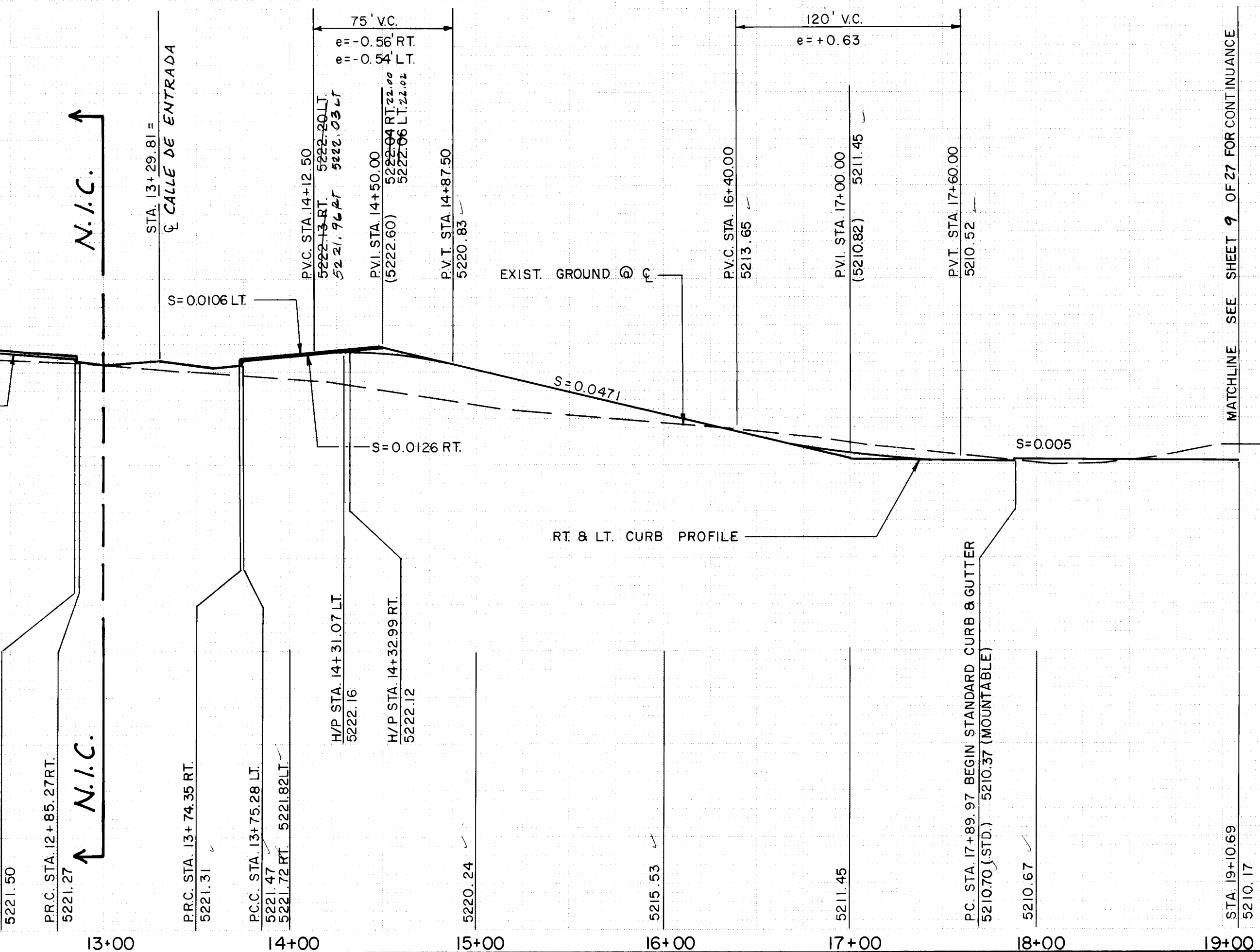
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DR. CHAIRMAN	Paul Brasher	4-16-92	WATER	Paul Brasher	4-16-92
TRANSPORTATION	Paul Brasher	4-07-92	WASTEWATER	Paul Brasher	4-07-92
HYDROLOGY	Paul Brasher	4-06-92			

DRAWING NO. 4422.90 MAP NO. H-9 SHEET 7 OF 27

NOT IN CONTRACT

NOTE:
PHASE ONE CONSTRUCTION LIMIT IS AT
BACK OF CURB, WEST SIDE OF CALLE
DE ENTRADA, EXCEPT FOR WHEELCHAIR
RAMPS EACH SIDE OF CALLE DE
ENTRADA AT 98TH STREET.

STA. 11+63.35
5223.59 RT. 5223.72 LT.
5222.89 RT. 5223.05 LT.
P.C. STA. 12+84.34 LT.
5221.50
P.R.C. STA. 12+85.27 RT.
5221.27
P.R.C. STA. 13+74.35 RT.
5221.31
P.C. STA. 13+75.28 LT.
5221.47
5221.72 RT. 5221.82 LT.
H/V STA. 14+31.07 LT.
5222.16
H/V STA. 14+32.99 RT.
5222.12
5220.24
5215.53
5211.45
5210.67
P.C. STA. 17+89.97 BEGIN STANDARD CURB & GUTTER
5210.70 (STD.) 5210.37 (MOUNTABLE)
5210.67



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

RECORD DRAWING
This drawing as modified shows improvements as constructed. These modifications have been made using information and measurements obtained by Aldrich Land Surveying, the Contractor and City Inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque per Development Process Manual, Section 27.4 to the best of my knowledge and belief.
Paul Brasher, P.E. 7282
Date 10-26-92

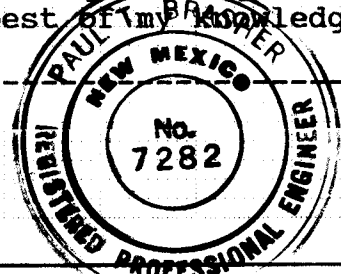
PAVING		AS BUILT INFORMATION	
1. ALL STATIONING AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.		DATE 9/2	
2. THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DRAWINGS ARE APPLICABLE TO THE PAVING CONSTRUCTION:		DATE 9/2	
2401	2415	2422	2503
2405	2418	2430	
2407	2420	2440	
2408	2421	2441	
ADDITIONAL COURSES/ CAMINO PAISANO		DATE 9/2	
REF NO.	BEARING	DISTANCE	
1	N 87°31'58"E	254.44	
CURVE DATA			
CURVE NO.	DELTA	RADIUS	LENGTH
1	02°23'25"	3990.16	166.46
2	02°57'14"	3990.16	205.71
3	92°14'03"	75.00	120.73
4	90°39'10"	25.00	39.55
5	01°44'14"	3974.16	120.50
6	01°45'03"	4006.16	122.41
7	89°21'37"	25.00	38.99
8	89°21'37"	25.00	38.99
9	02°18'51"	4006.16	161.82
10	92°14'03"	59.00	94.98
11	92°14'03"	91.00	146.49
12	02°18'03"	3974.16	159.60
13	90°39'10"	25.00	39.55
BENCH MARKS			
The station is located on the west mesa under power lines running NE-SW, in the middle of pylons #76-2, approximately 0.2 miles north of Ladera Drive N.W., and approximately 111 feet west of the centerline of Unser Boulevard N.W. The station mark is an ACS brass tablet set in concrete 0.6 feet above the ground stamped 1988. MSL ELEVATION = 5287.23			
SURVEY INFORMATION		ENGINEER'S SEAL	
NO	DATE	BY	
1.	2/87	Topographic and Design surveys by Espey/Huston & Assoc., Inc.	
REVISIONS		DESIGNED BY DL	
NO. DATE		DATE 2-9-92	
DRAWN BY		DATE	
CHECKED BY P.B.		DATE 3-9-92	
BRASHER ENGINEERING INC.			
11930 MENAUL BLVD. NE SUITE 111 ALBUQUERQUE, NEW MEXICO 87112 (505) 296-0422			
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE: CAMINO PAISANO NW. STA. 11+63.35 TO STA. 19+10.69 PAVING PLAN AND PROFILE			
APPROVALS	ENGINEER	DATE	APPROVALS
DRC CHAIRMAN	Paul Brasher	4-16-92	WATER
TRANSPORTATION	Paul Brasher	4-01-92	WASTEWATER
HYDROLOGY	Paul Brasher	4-06-92	
DRAWING NO.	4422.90	MAP NO.	H-9
SHEET 8 OF 27			

5220
5210
5200
5190

RECORD DRAWING

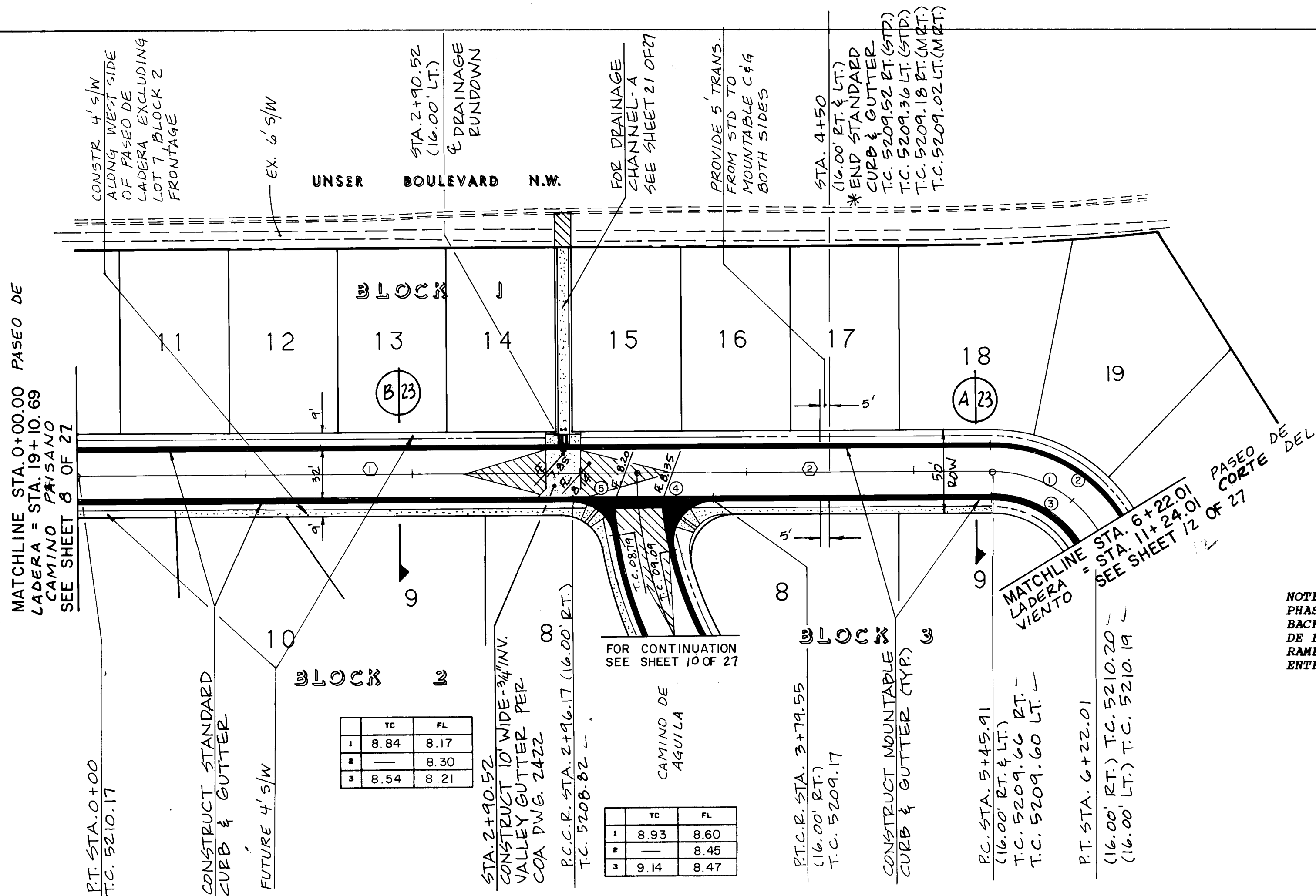
This drawing as modified shows improvements as constructed. These modifications have been made using information and measurements obtained by Aldrich Land Surveying, the Contractor and City Inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque per Development Process Manual, Section 27.4 to the best of my knowledge and belief.

Paul Brasher, P.E. 7282



Date 10-26-92

PASEO DE LADERA NW



NOTE: PHASE ONE CONSTRUCTION LIMIT IS AT BACK OF CURB, WEST SIDE OF CALLE DE ENTRADA, EXCEPT FOR WHEELCHAIR RAMPS EACH SIDE OF CALLE DE ENTRADA AT 98TH STREET.

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

LEGEND

- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- FUTURE CURB & GUTTER
- CENTERLINE OF STREET
- PROPOSED CONCRETE VALLEY GUTTER
- PROPOSED WHEELCHAIR RAMP
- PROPERTY OR BOUNDARY LINE
- TRANSITION FROM CROWN TO NO CROWN

BRASHER ENGINEERING INC.

11930 MENAUL BLVD. NE SUITE 111
ALBUQUERQUE, NEW MEXICO 87112
(505) 296-0422

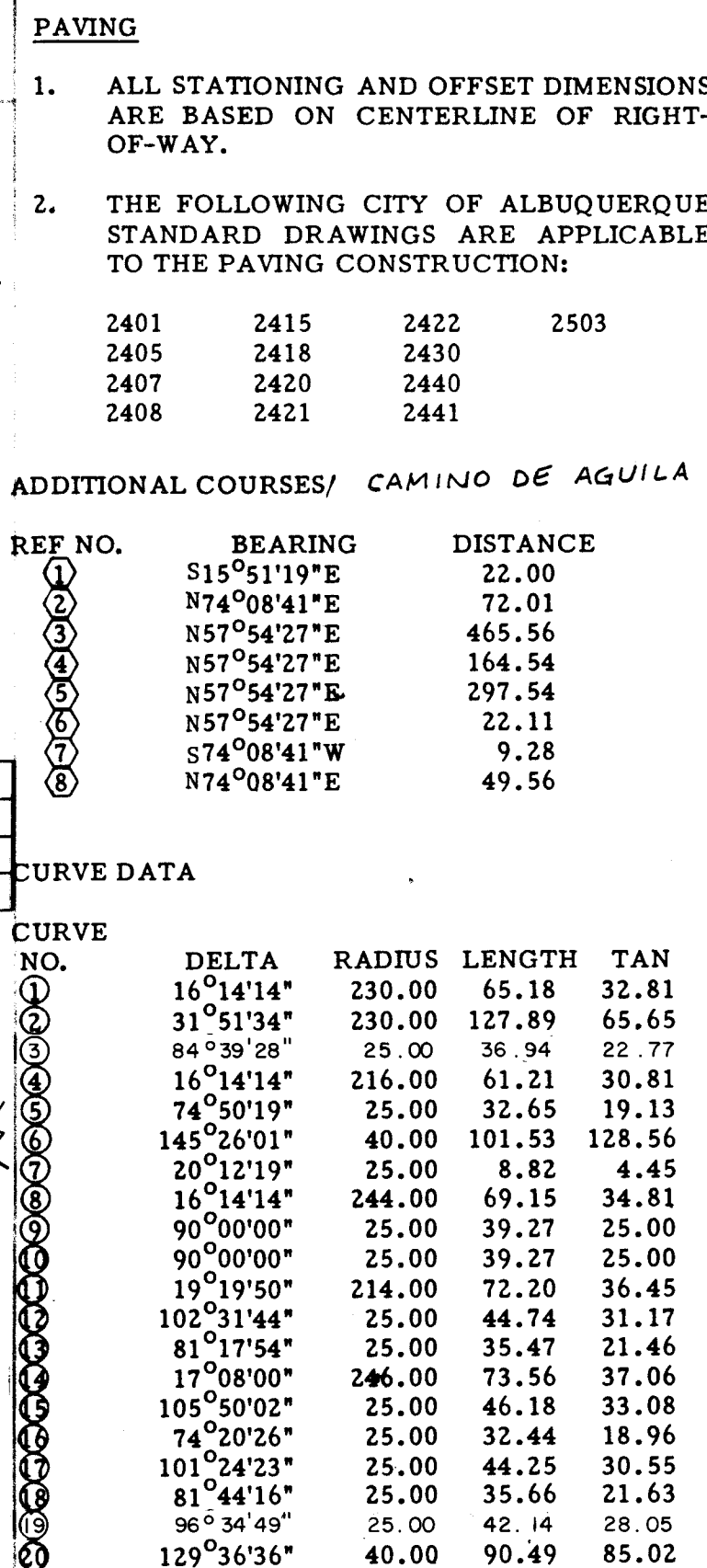
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LAS LOMITAS
PASEO DE LADERA N.W. STA. 0+00.00 TO STA. 6+22.01
PAVING PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	Paul Brasher	4-16-92	WATER	Michelle	4-16-92
TRANSPORTATION	Paul Brasher	4-07-92	WASTEWATER	MLC	
HYDROLOGY	H. Delly	4-06-92			

DRAWING NO. 4422.90 MAP NO. H-9 SHEET 9 OF 27

PAVING		AS BUILT INFORMATION	
1. ALL STATIONING AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.		DATE 9/2	
2. THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DRAWINGS ARE APPLICABLE TO THE PAVING CONSTRUCTION:		DATE 9/2	
2401	2415	2422	2503
2405	2418	2430	
2407	2420	2440	
2408	2421	2441	
ADDITIONAL COURSES/ PASEO DE LADERA		DATE 9/2	
REF NO. BEARING DISTANCE		DATE 9/2	
1	S00°13'59"E	334.05	
2	S00°13'59"E	211.85	
CURVE DATA		DATE 9/2	
CURVE NO.	DELTA	RADIUS	LENGTH TAN
1	58°08'26"	75.00	76.11 41.69
2	58°08'26"	91.00	92.34 50.59
3	58°08'26"	59.00	59.87 32.80
4	102°31'44"	25.00	44.74 31.17
5	81°17'54"	25.00	35.47 21.46
The station is located on the west mesa under power lines running NE-SW, in the middle of pylons #76-2, approximately 0.2 miles north of Ladera Drive N.W., and approximately 111 feet west of the centerline of Unser Boulevard N.W. The station mark is an RCS brass tablet set in concrete 0.6 feet above the ground stamped "2-H9 1988". MSL ELEVATION = 5807.23		DATE 9/2	
BENCH MARKS		DATE 9/2	
The station is located on the west mesa under power lines running NE-SW, in the middle of pylons #76-2, approximately 0.2 miles north of Ladera Drive N.W., and approximately 111 feet west of the centerline of Unser Boulevard N.W. The station mark is an RCS brass tablet set in concrete 0.6 feet above the ground stamped "2-H9 1988". MSL ELEVATION = 5807.23		DATE 9/2	
FIELD NOTES		DATE 9/2	
NO. BY DATE		DATE 9/2	
1. Topographic and 2/87		DATE 9/2	
Design surveys by Espey, Huston & Assoc., Inc.		DATE 9/2	
REVISIONS		DATE 9/2	
NO. DATE		DATE 9/2	
DESIGNED BY DL		DATE 9/2	
DRAWN BY P.B.		DATE 9/2	
CHECKED BY		DATE 9/2	



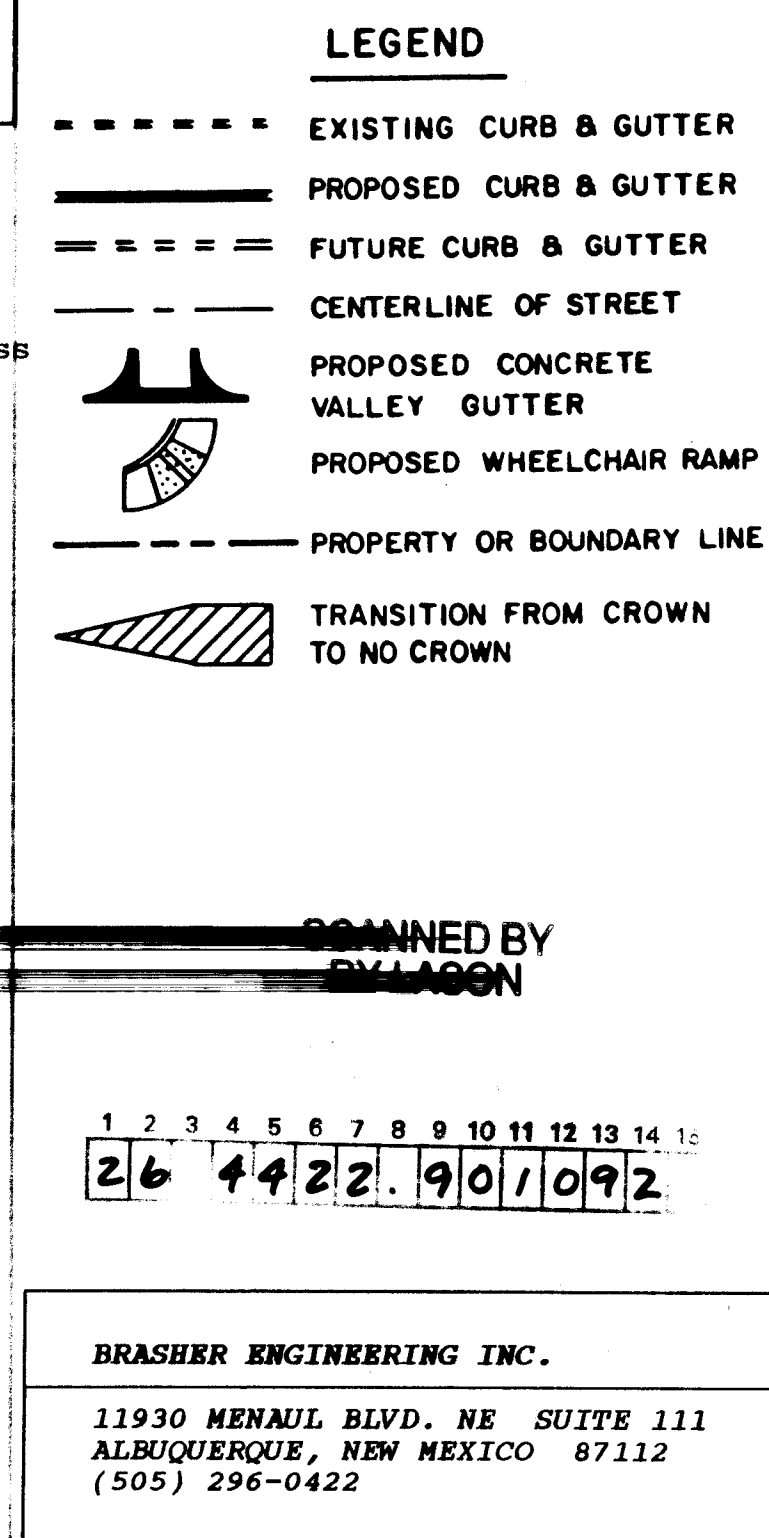
Topographic and Design surveys by Espey Huston & Assoc., Inc.

The station is located on the west mesa under power lines running NE-SW, in the middle of pylons #76-2, approximately 0.2 miles north of Ladera Drive N.W., and approximately 111 feet west of the centerline of Unser Boulevard N.W. The station mark is an ACS brass tablet set in concrete 0.6 feet above the ground stamped 1980'. MSLD ELEVATION = 5287.23

CCM
ALS
PB
ALS
ALS
ALS

972
P.972
972
972
972
972

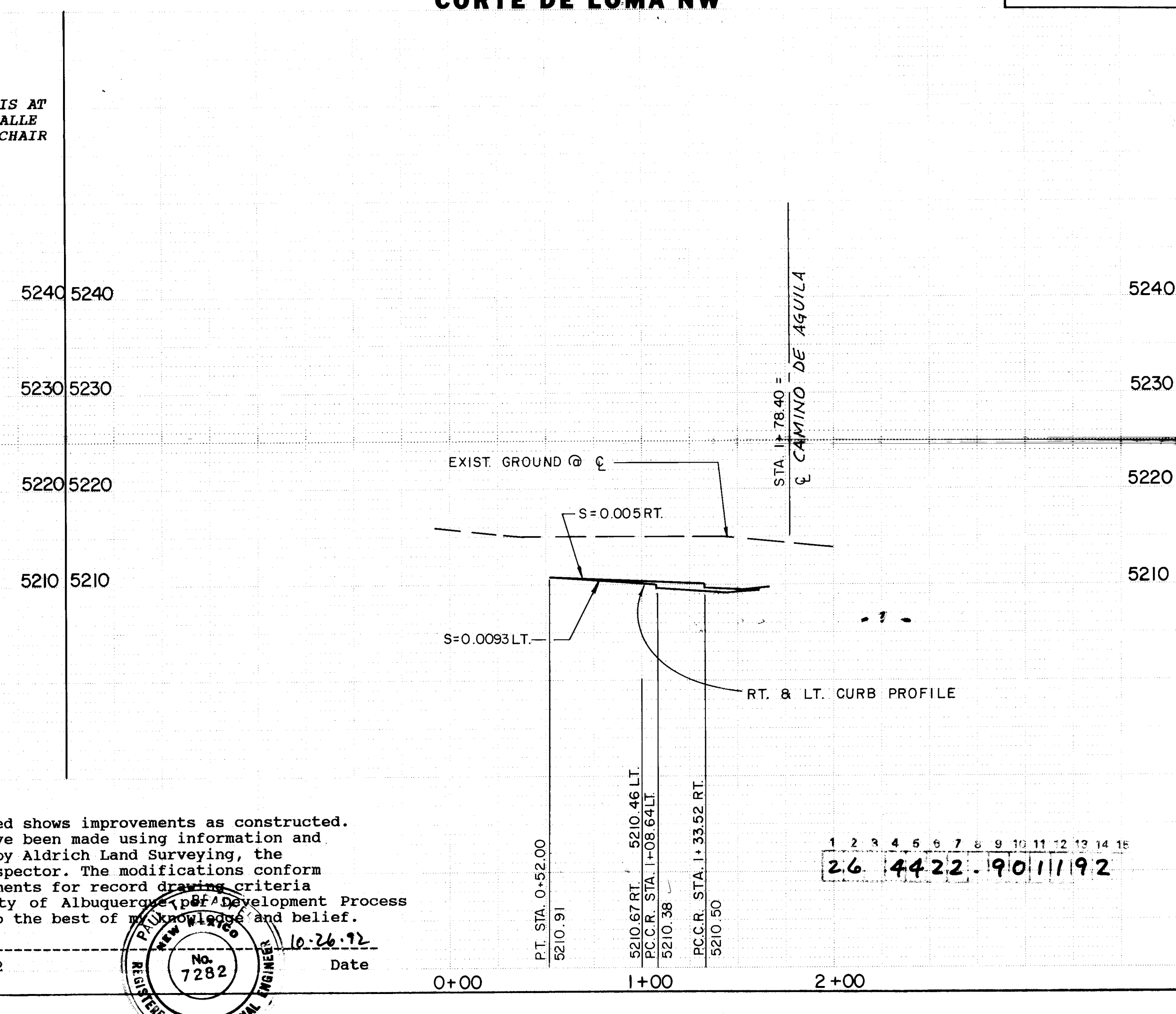
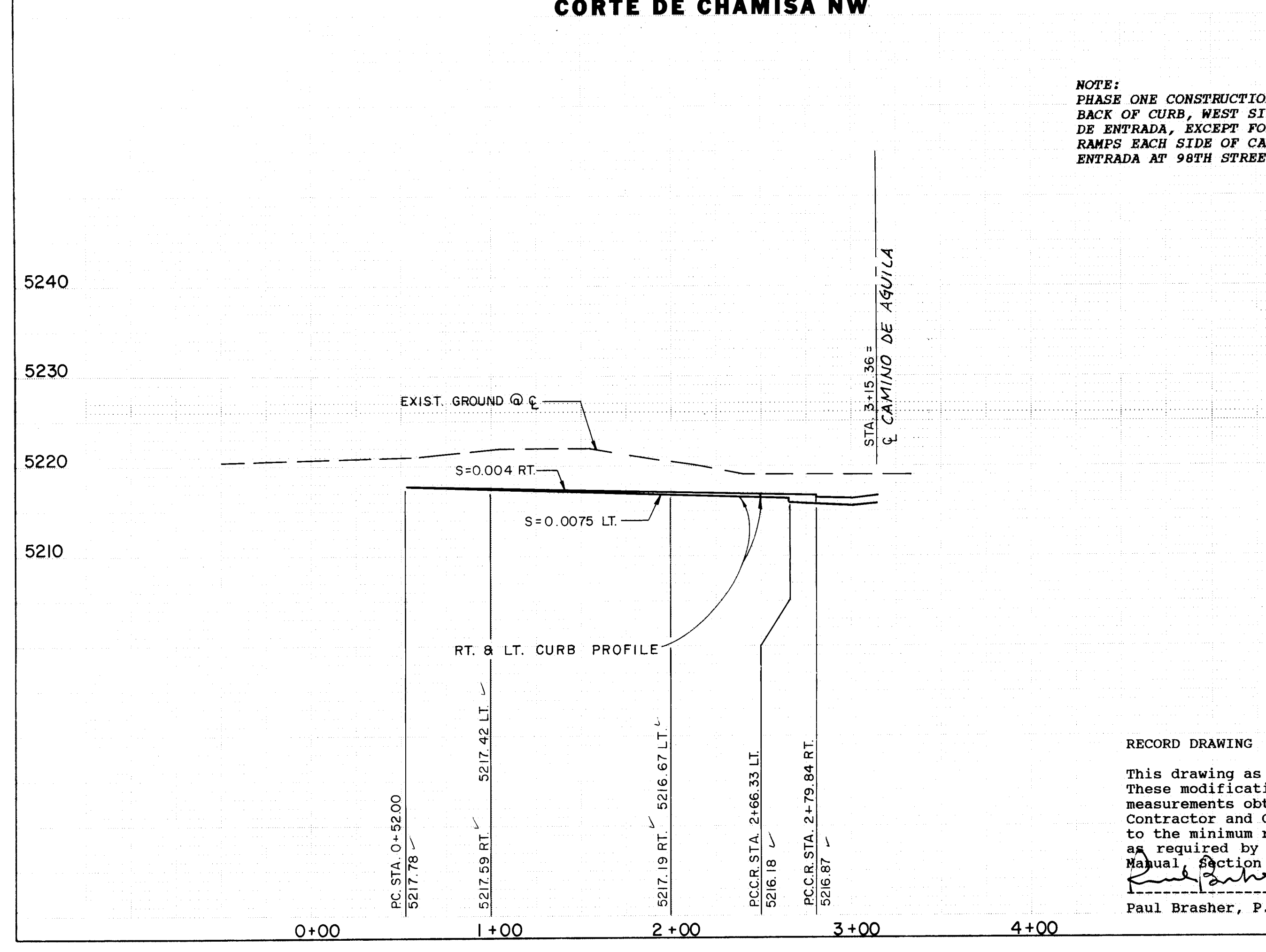
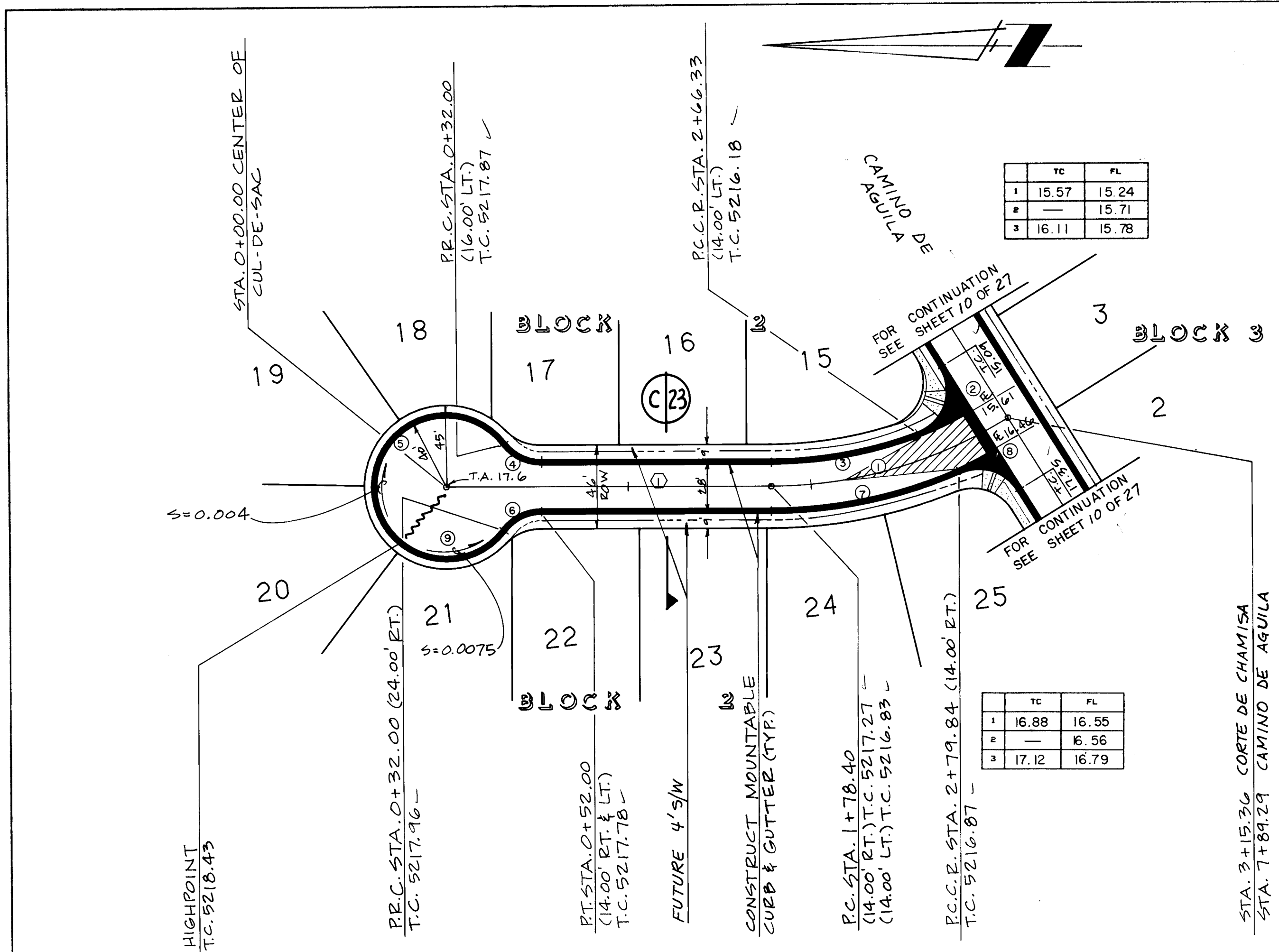
2/87



A circular logo with a thick black border. Inside the border, the text 'L. BRASHER' is written in a semi-circle at the top, and 'REGISTERED' is at the bottom. In the center of the logo is a stylized figure of a person, possibly a jester or a clown, wearing a hat and holding a staff. The figure is surrounded by the words 'TRADE MARK' and 'L. BRASHER' in a circular arrangement. The logo is attached to a string that hangs from a small metal ring.

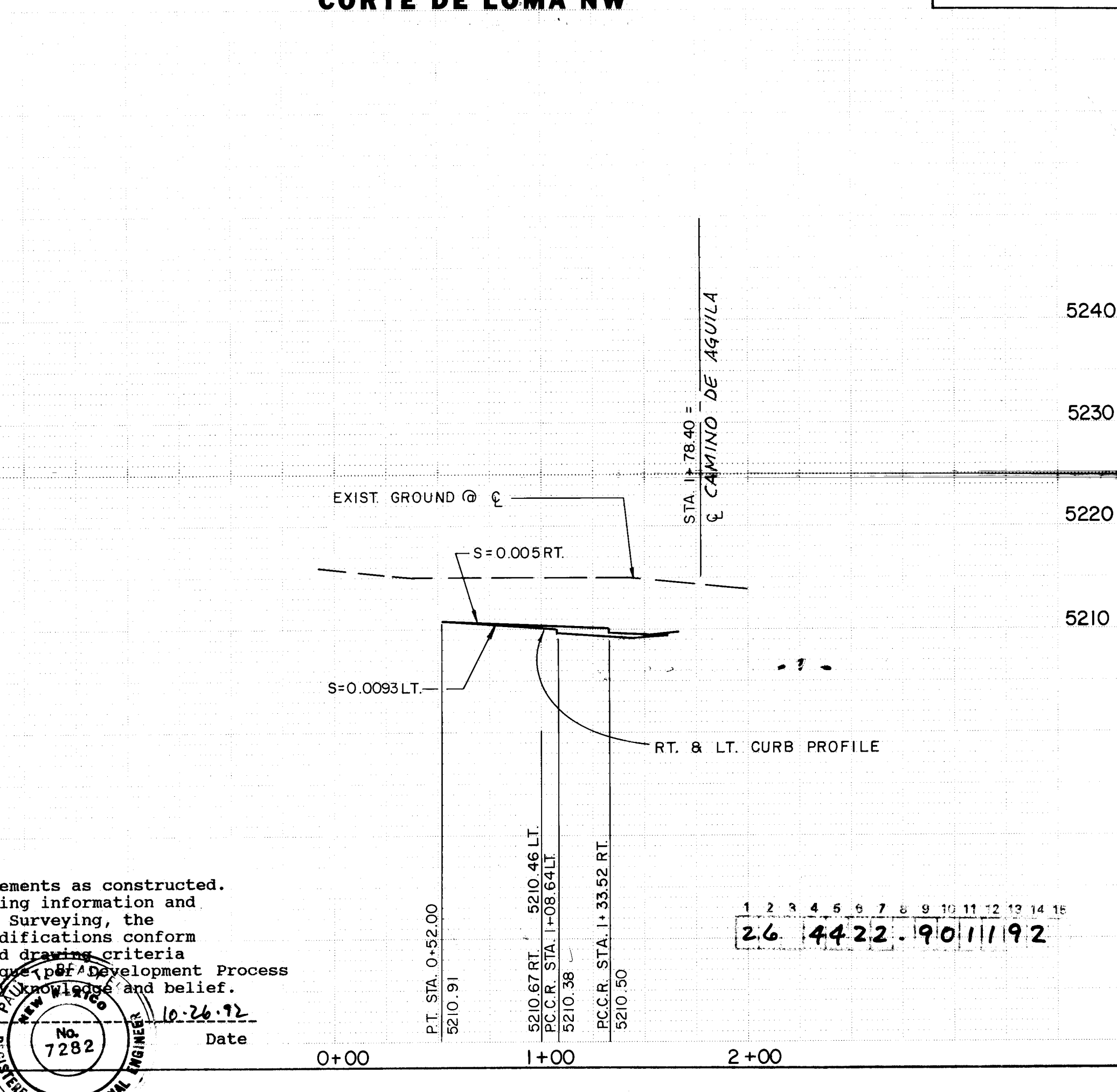
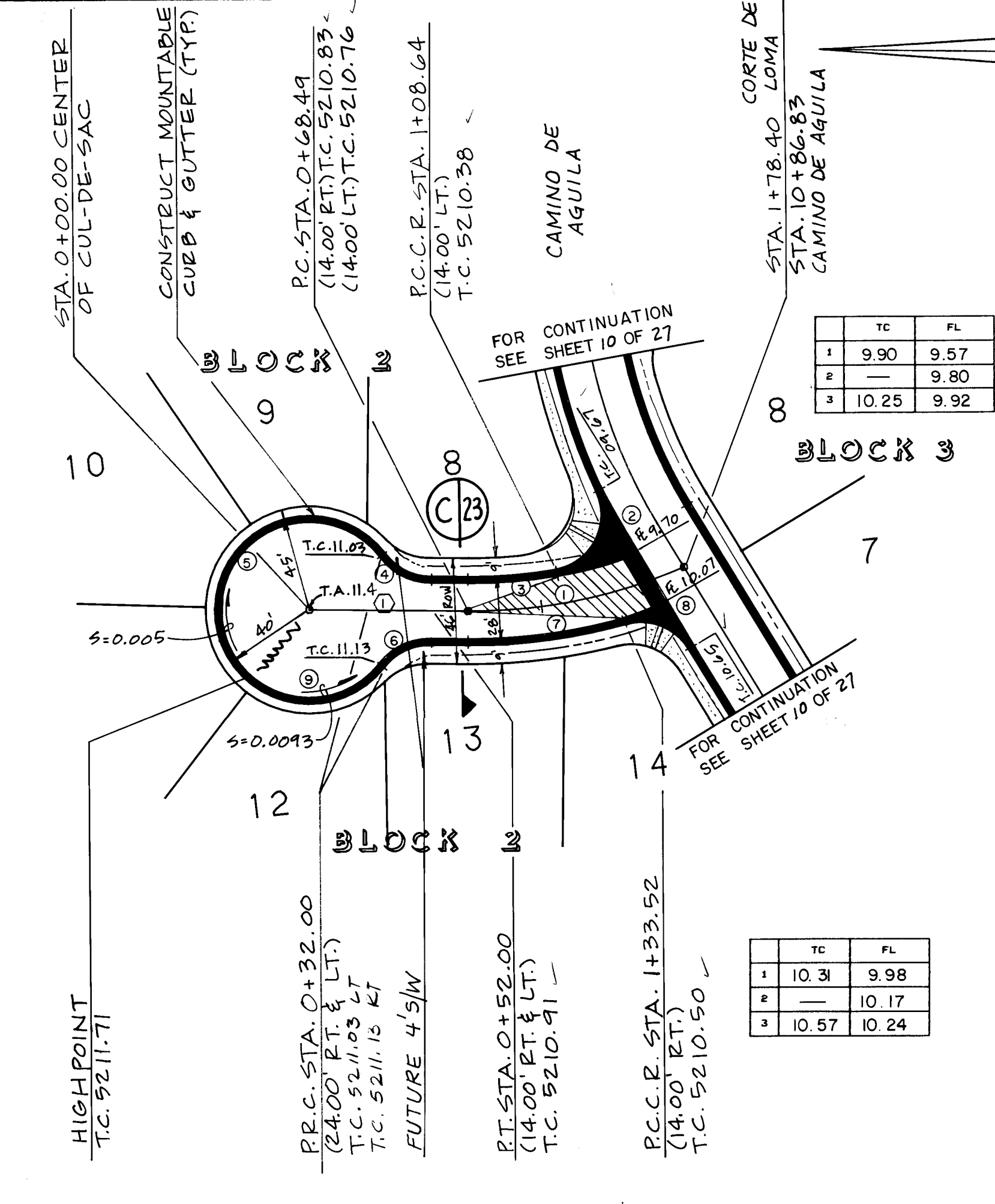
[illegible]

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE:		LAS LOMITAS	
CAMINO DE AGUILA · STA. 0+00.00 TO STA 12+36.8			
PAVING PLAN AND PROFILE			
APPROVED:	ENGINEER:	DATE:	PROJECT NO.:
DRC CHAIRMAN	<i>[Signature]</i>	4/16/92	WATER
TRANSPORTATION	<i>[Signature]</i>	4-07-92	WASTEWATER
HYDROLOGY	<i>[Signature]</i>	4-06-92	
DRAWING NO		MAP NO	
4422.90		H-9	
SHEET		OF	
10		2	



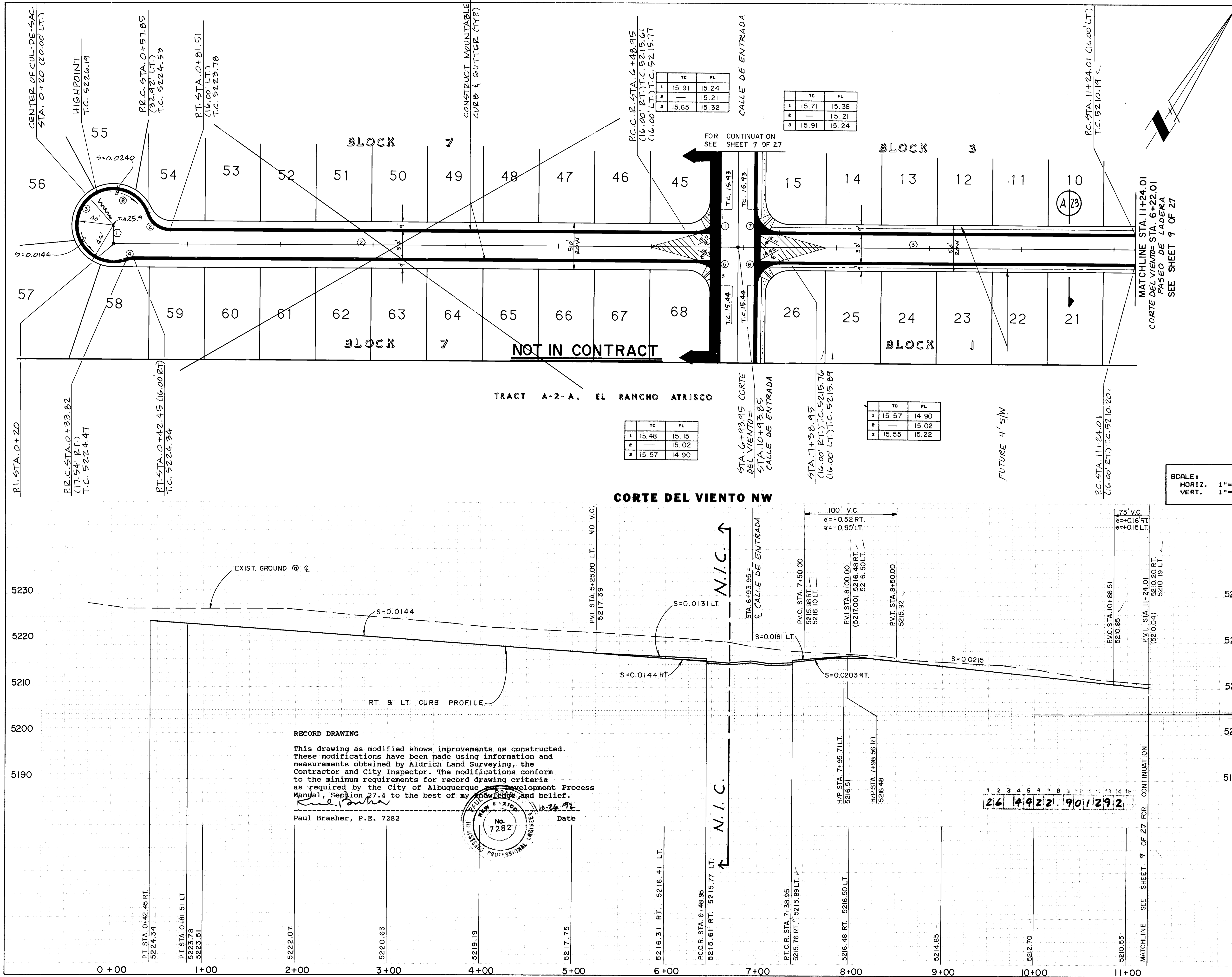
NOTE:
PHASE ONE CONSTRUCTION LIMIT IS AT
BACK OF CURB, WEST SIDE OF CALLE
DE ENTRADA, EXCEPT FOR WHEELCHAIR
RAMPS EACH SIDE OF CALLE DE
ENTRADA AT 98TH STREET.

RECORD DRAWING
This drawing as modified shows improvements as constructed. These modifications have been made using information and measurements obtained by Aldrich Land Surveying, the Contractor and City Inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque. Development Process Manual, Section 27.4 to the best of my knowledge and belief.
Paul Brasher, P.E. 7282
Date 10-26-92



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

PAVING		AS BUILT INFORMATION	
1. ALL STATIONING AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.		DATE 9/2	
2. THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DRAWINGS ARE APPLICABLE TO THE PAVING CONSTRUCTION:		DATE 9/2	
2401 2415 2422 2503		DATE 9/2	
2405 2418 2430		DATE 9/2	
2407 2420 2440		DATE 9/2	
2408 2421 2441		DATE 9/2	
ADDITIONAL COURSES/ CORTE DE CHAMISA		DATE 9/2	
REF. NO.	BEARING	DISTANCE	DATE
1	S00°13'59"E	178.40	9/2
CURVE DATA		DATE 9/2	
CURVE NO.	DELTA	RADIUS	LENGTH
1	31°51'34"	246.31	136.96
2	101°24'23"	25.00	44.25
3	20°27'11"	232.31	82.93
4	53°07'48"	25.00	23.18
5	196°13'15"	40.00	136.99
6	53°07'48"	25.00	23.18
7	23°35'50"	260.31	107.21
8	81°44'16"	25.00	35.66
9	90°02'20"	40.00	62.86
ADDITIONAL COURSES/ CORTE DE LOMA		DATE 9/2	
REF. NO.	BEARING	DISTANCE	DATE
1	S00°13'59"E	68.49	9/2
CURVE DATA		DATE 9/2	
CURVE NO.	DELTA	RADIUS	LENGTH
1	23°57'38"	230.00	96.18
2	105°50'02"	25.00	46.18
3	10°00'04"	216.00	37.70
4	53°07'48"	25.00	23.18
5	196°09'59"	40.00	136.95
6	53°07'48"	25.00	23.18
7	126°20'26"	25.00	32.44
8	74°20'26"	25.00	32.44
9	90°05'37"	40.00	62.90
LEGEND		ENGINEER'S SEAL	
----- EXISTING CURB & GUTTER			
===== PROPOSED CURB & GUTTER			
----- FUTURE CURB & GUTTER			
----- CENTERLINE OF STREET			
----- PROPOSED CONCRETE VALLEY GUTTER			
PROPOSED WHEELCHAIR RAMP		NO. DATE	
----- PROPERTY OR BOUNDARY LINE		REVISIONS	
TRANSITION FROM CROWN TO NO CROWN		DESIGN	
BRASHER ENGINEERING INC.		DATE 2.92	
11930 MENAUL BLVD. NE SUITE 111		DATE 3.92	
ALBUQUERQUE, NEW MEXICO 87112		DATE 3.92	
(505) 296-0422		DATE 3.92	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE: LAS LOMITAS			
CORTE DE CHAMISA NW - CORTE DE LOMA NW			
PAVING PLAN AND PROFILE			
APPROVALS	ENGINEER	DATE	APPROVALS
DRC CHAIRMAN	Paul Brasher	4/16/92	WATER
TRANSPORTATION	Paul Brasher	4/16/92	WASTEWATER
HYDROLOGY	Paul Brasher	4/16/92	
DRAWING NO.	4422.90	MAP NO. H-9	SHEET 11 OF 27



PAVING

1. ALL STATIONING AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.

2. THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DRAWINGS ARE APPLICABLE TO THE PAVING CONSTRUCTION:

2401	2415	2422	2503
2405	2418	2430	
2407	2420	2440	
2408	2421	2441	

ADDITIONAL COURSES/ CORTE DEL VIENTO

REF. NO.	BEARING	DISTANCE
1	S 32°05'33"E	20.00
2	N 57°54'27"E	673.95
3	N 57°54'27"E	430.06

CURVE DATA

CURVE NO.	DELTA	RADIUS	LENGTH	TAN
1	90°00'00"	25.00	39.27	25.00
2	71°09'03"	25.00	31.05	17.88
3	171°02'36"	40.00	119.88	551.95
4	20°12'19"	25.00	8.82	4.45
5	90°00'00"	25.00	39.27	25.00
6	90°00'00"	25.00	39.27	25.00
7	90°00'00"	25.00	39.27	25.00
8	99°38'46"	40.00	69.57	47.37

LEGEND

- EXISTING CURB & GUTTER
- ===== PROPOSED CURB & GUTTER
- FUTURE CURB & GUTTER
- CENTERLINE OF STREET
- ===== PROPOSED CONCRETE VALLEY GUTTER
- ===== PROPOSED WHEELCHAIR RAMP
- PROPERTY OR BOUNDARY LINE
- ===== TRANSITION FROM CROWN TO NO CROWN

RECORD DRAWING

This drawing as modified shows improvements as constructed. These modifications have been made using information and measurements obtained by Aldrich Land Surveying, the Contractor and City Inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque Development Process Manual, Section 27.4 to the best of my knowledge and belief.

Paul Brasher, P.E. 7282

No. 7282

AS BUILT INFORMATION

CONTRACT NO. 4422.90

DATE 4/16/92

INSPECTOR'S VERIFICATION BY ALB 4/16/92

DATE 4/16/92

RECORDED BY ALB 4/16/92

DATE 4/16/92

ENGINEER'S SEAL

PAUL BRASHER, P.E. 7282

REVISIONS

NO.	DATE	REVISIONS
1	2-92	DESIGN

CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT

ENGINEERING GROUP

TITLE:

LAS LOMITAS

CORTE DEL VIENTO NW STA. 0+00.00 TO STA. 11+24.01

PAVING PLAN AND PROFILE

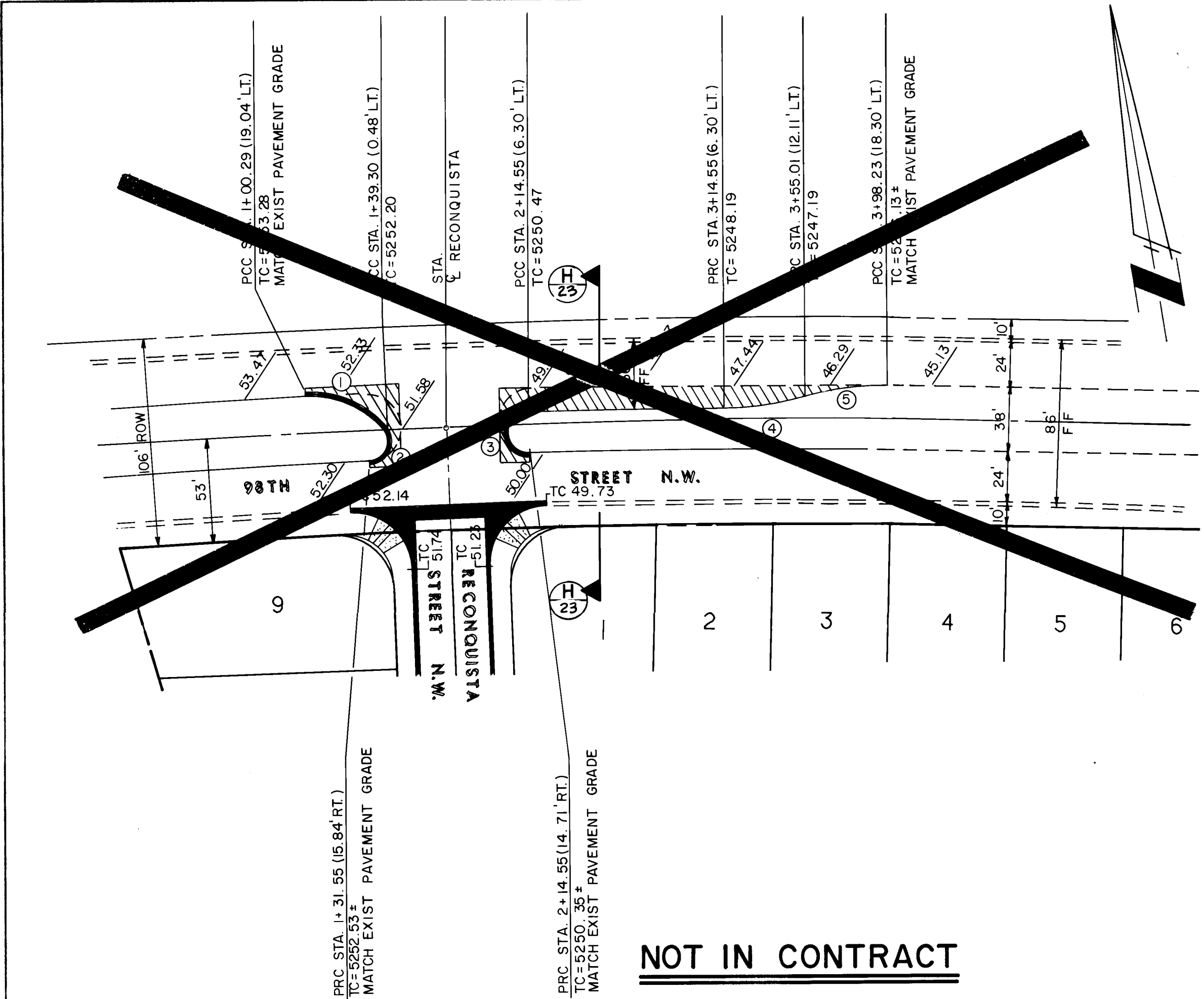
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Paul Brasher	4/16/92	WATER	ALB	4/16/92
TRANSPORTATION	Paul Brasher	4/16/92	WASTEWATER	ALB	4/16/92
HYDROLOGY	Paul Brasher	4/16/92			

DRAWING NO. 4422.90

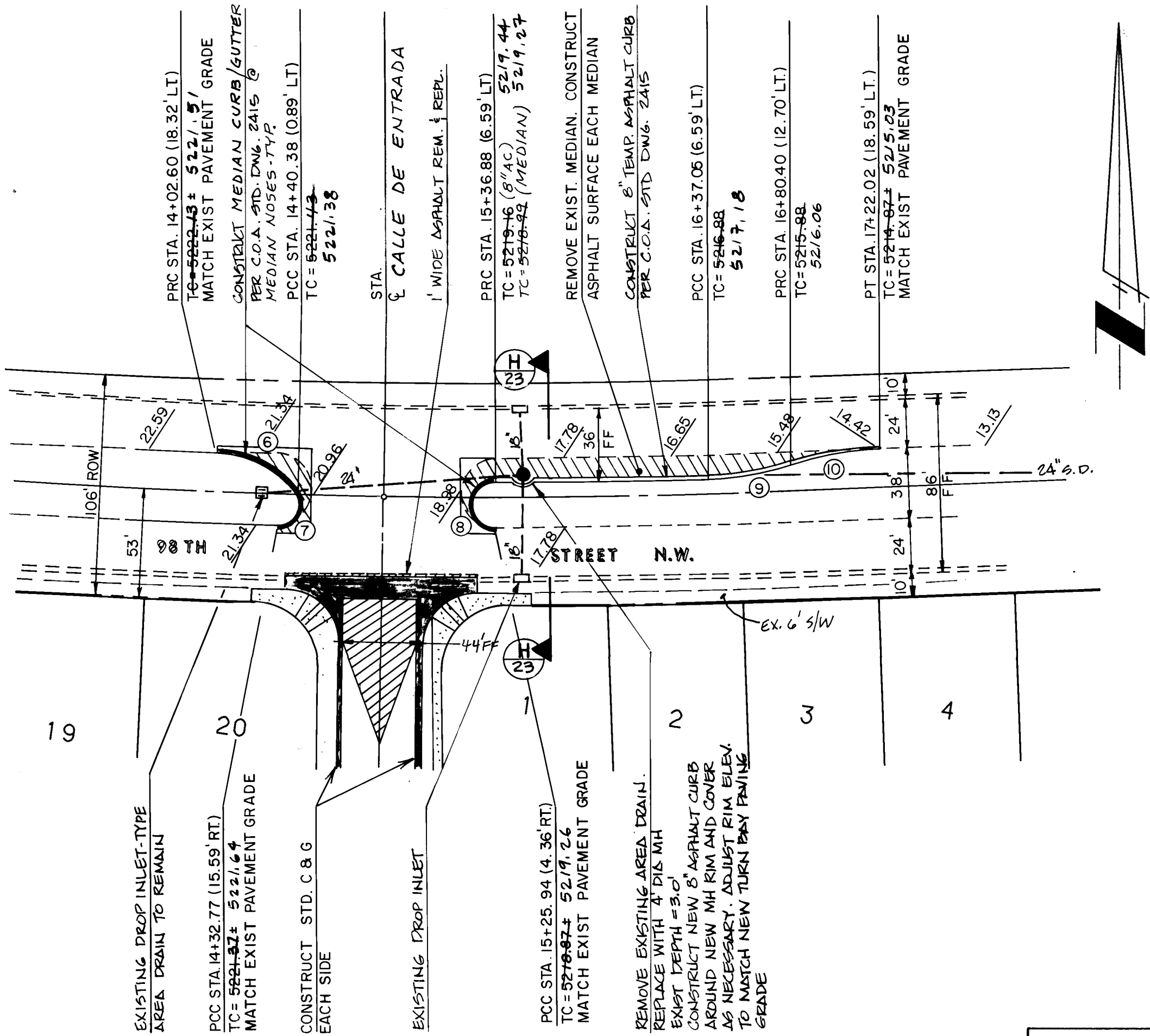
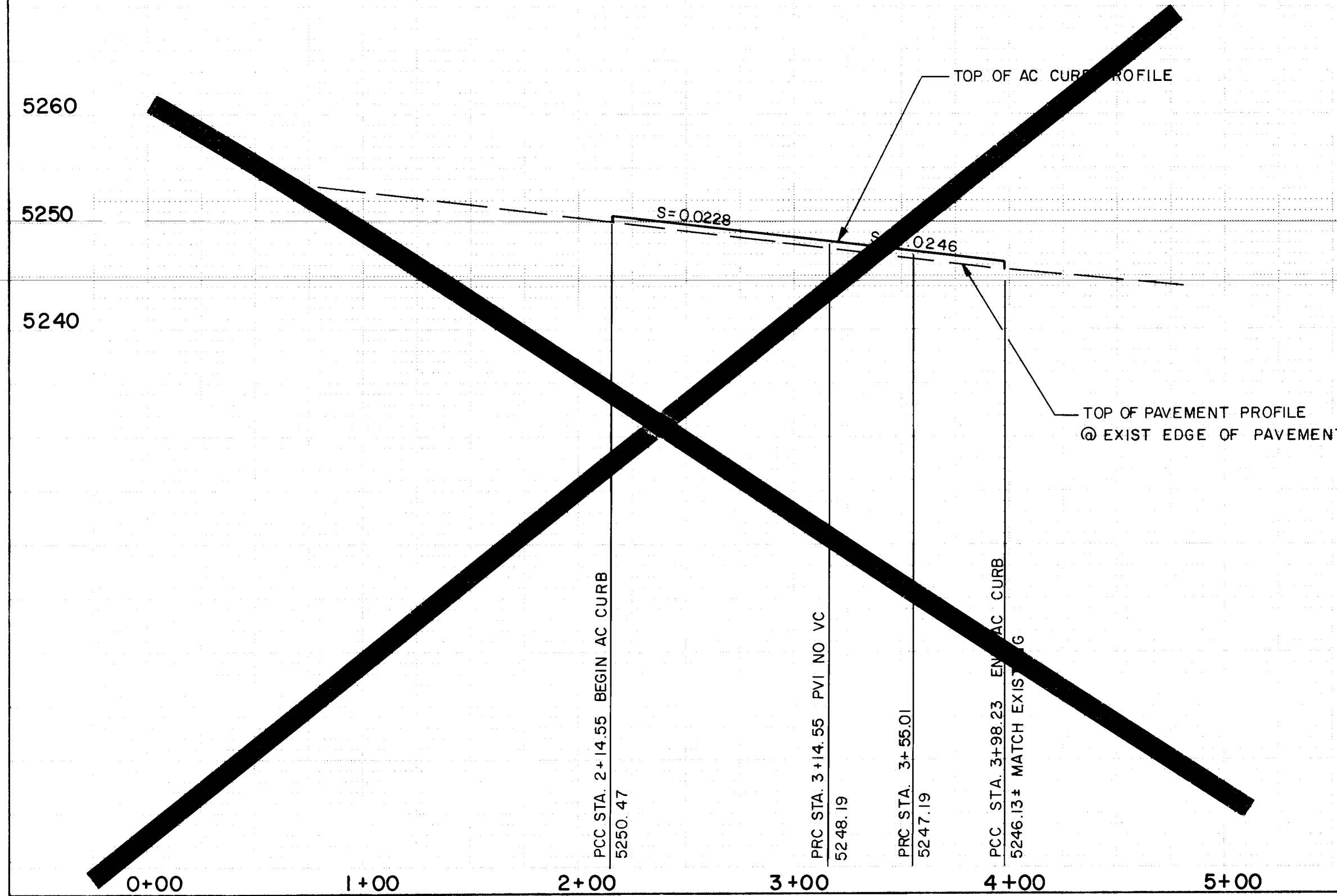
MAP NO. H-9

SHEET 12 **OF** 27

SCANNED BY
BY LASON



NOT IN CONTRACT



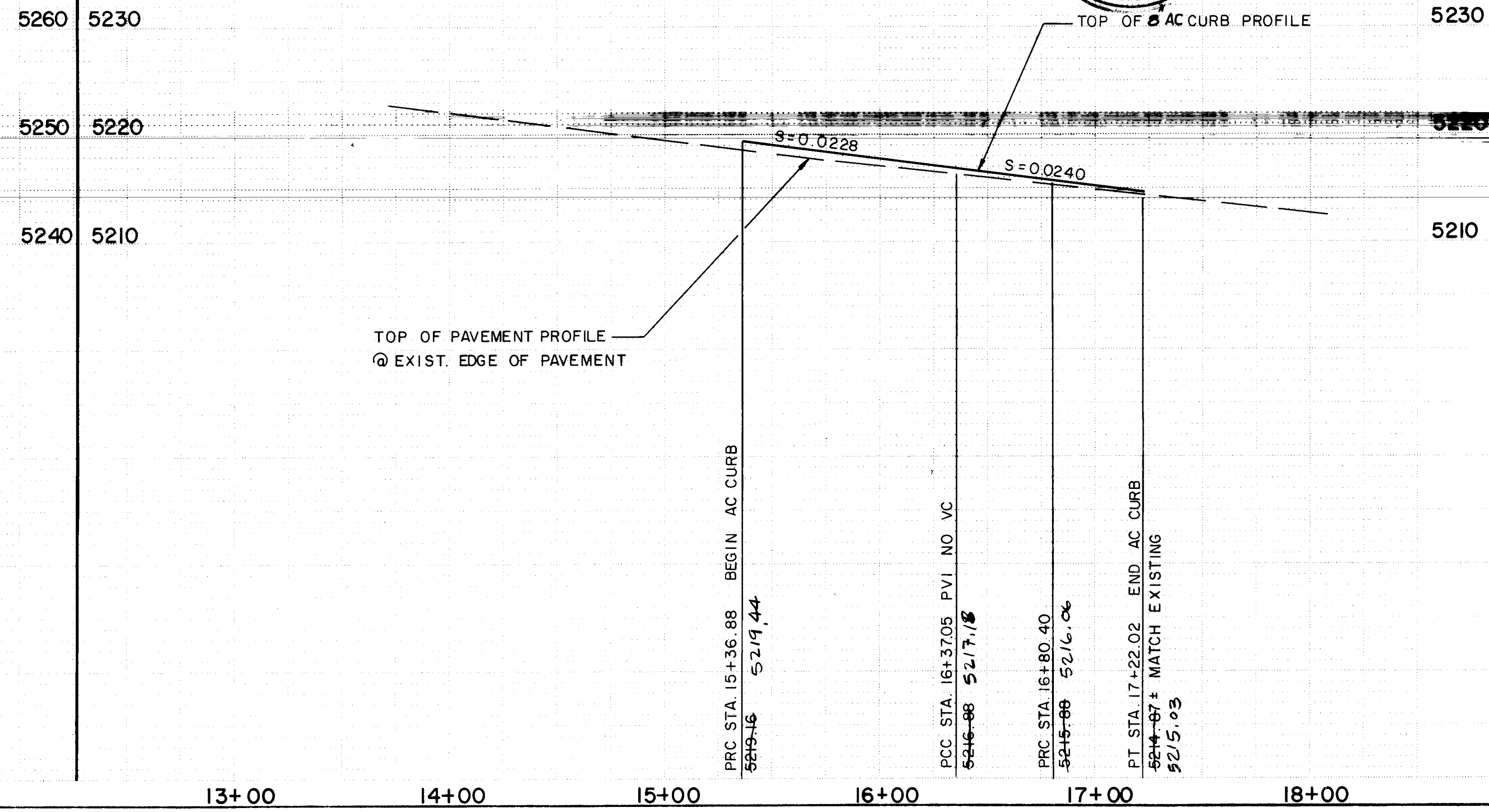
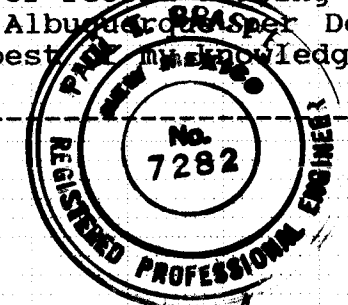
98TH STREET LEFT TURN LANE 1B

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

RECORD DRAWING

This drawing as modified shows improvements as constructed. These modifications have been made using information and measurements obtained by Aldrich Land Surveying, the Contractor and City Inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque Development Process Manual, Section 27.4 to the best of my knowledge and belief.

Paul Brasher, P.E. 7282 Date 10.26.92



CURVE DATA

CURVE NO.	DELTA	RADIUS	LENGTH	TAN
1	51°17'08"	50.00	44.76	24.00
2	129°06'14"	10.00	22.53	21.01
3	180°00'00"	10.51	33.01	---
4	15°44'47"	150.00	41.22	20.74
5	16°47'26"	150.00	43.96	22.14
6	49°04'03"	50.00	42.82	22.82
7	130°28'40"	10.00	22.77	21.68
8	180°00'00"	10.95	34.39	---

NOTE:
PHASE ONE CONSTRUCTION LIMIT IS AT BACK OF CURB, WEST SIDE OF CALLE DE ENTRADA, EXCEPT FOR WHEELCHAIR RAMPS EACH SIDE OF CALLE DE ENTRADA AT 98TH STREET.

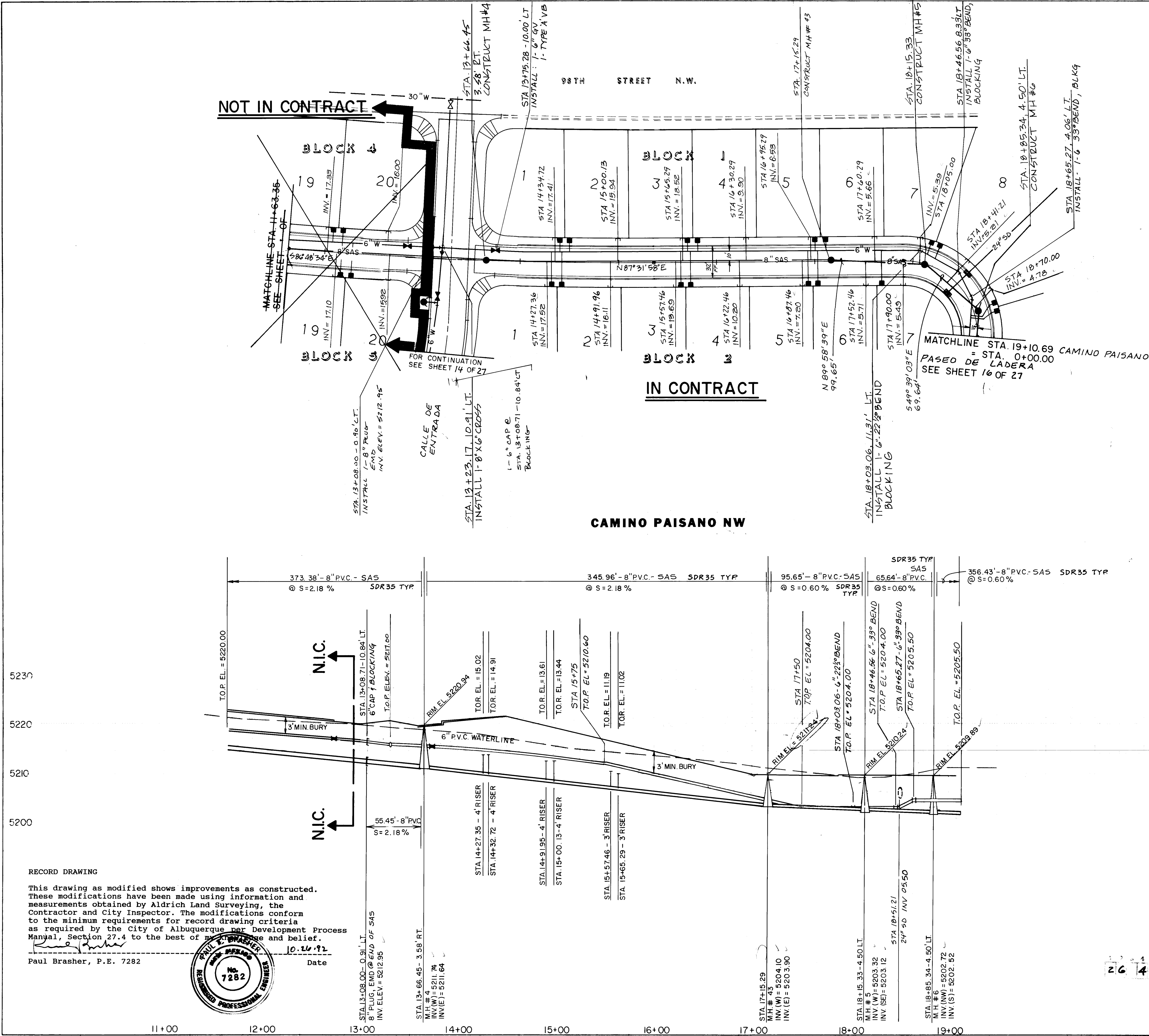
ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		NO.	DATE	The station is located on the west mesa under power lines running NE-SW, in the middle of pylons #76-2, approximately 0.2 miles north of Ladera Drive N.W., and approximately 111 feet west of the centerline of Unser Boulevard N.W. The station mark is an ACS brass tablet set in concrete 0.6 feet above the ground stamped 1989'. MSLD ELEVATION = 5207.23		DATE	
BY		1. Topographic and Design surveys by Espey, Hueston & Assoc., Inc.		DATE		DATE	
REVISIONS		NO.		DATE		DATE	
DESIGNED BY		DL		DATE		DATE	
DRAWN BY		BY LASON		DATE		DATE	
CHECKED BY		A.B.		DATE		DATE	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **LAS LOMITAS**
98TH STREET LEFT-TURN
LANES A&B PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Paul Brasher	4/16/92	WATER	Aldrich	4-16-92
TRANSPORTATION	Paul Brasher	4-07-92	WASTEWATER	---	---
HYDROLOGY	J. Wiley	4-06-92	---	---	---

DRAWING NO. 4422.90 MAP NO. H-9 SHEET 13 OF 27



- WATER AND SANITARY SEWER NOTES**
- ALL STATIONING AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.
 - THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DRAWINGS ARE APPLICABLE TO THE WATER AND SANITARY SEWER CONSTRUCTION:

2102	2145	2326	2344	2362
2110	2315	2328	2347	2366
2118	2320	2335	2360	2368
2125	2325	2340	2361	2369
 - SEE DETAIL A SHEET 27 FOR TYPICAL WATER METER BOX LOCATION.
 - SEE DETAIL B SHEET 27 FOR TYPICAL SANITARY SEWER SERVICE INSTALLATION.

NOTE:
PHASE ONE CONSTRUCTION LIMIT IS AT BACK OF CURB, WEST SIDE OF CALLE DE ENTRADA, EXCEPT FOR WHEELCHAIR RAMPS EACH SIDE OF CALLE DE ENTRADA AT 98TH STREET.

LEGEND

- W --- EXISTING WATERLINE
- SAS --- EXISTING SANITARY SEWER
- SAS --- EXISTING MANHOLE
- SAS --- EXISTING FIRE HYDRANT
- SAS --- EXISTING GATE VALVE
- W --- PROPOSED WATERLINE
- SAS --- PROPOSED SANITARY SEWER
- SAS --- PROPOSED MANHOLE
- SAS --- PROPOSED GATE VALVE
- SAS --- PROPOSED CAP OR PLUG
- SAS --- PROPOSED SINGLE METER, WATER SERVICE LINE
- SAS --- PROPOSED DOUBLE METER, WATER SERVICE LINES
- SAS --- PROPOSED SANITARY SEWER SERVICE LINE
- SAS --- PROPOSED CROSS, TEE OR ELBOW

BRASHER ENGINEERING INC.

11930 MENAUL BLVD. NE SUITE 111
ALBUQUERQUE, NEW MEXICO 87112
(505) 296-0422

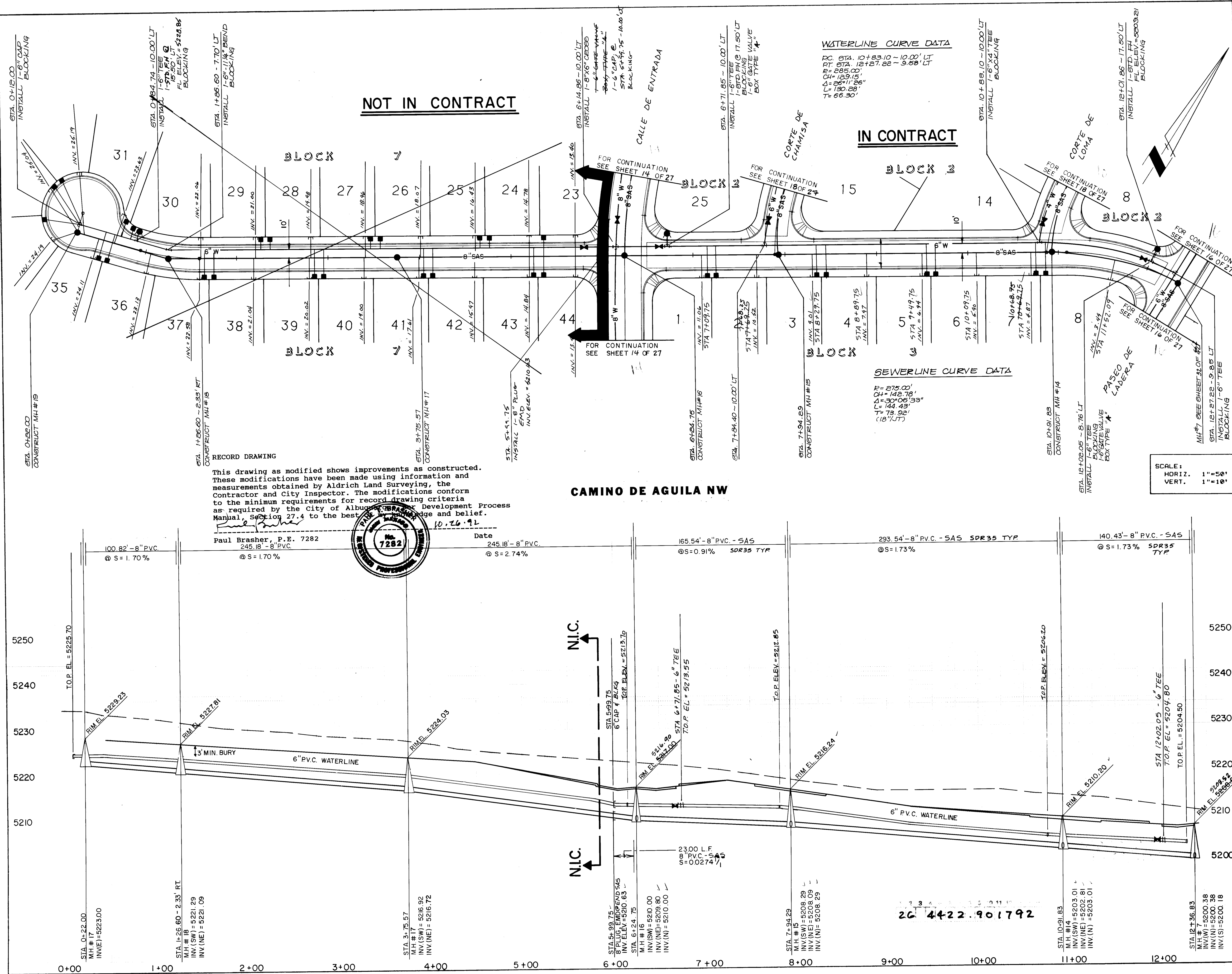
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **LAS LOMITAS**
CAMINO PAISANO NW.
UTILITY PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Paul Brasher	4/15/92	WATER	Paul Brasher	4/15/92
TRANSPORTATION	Paul Brasher	4-07-92	WASTE WATER	Paul Brasher	"
HYDROLOGY	Paul Brasher	4-06-92			

PROJECT NO. **4422.90** MAP NO. **H-9** SHEET **15** OF **27**

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	THE STATION IS LOCATED ON THE WEST MESA UNDER POWER LINES RUNNING NE-SW, IN THE MIDDLE OF Pylon #76-2, APPROX 0.2 MILES NORTH OF LADERA DRIVE NW, AND APPROX 111 FEET WEST OF THE CENTERLINE OF UNASER BOULEVARD NW. THE STATION MARK IS AN ACS BRASS TABLET SET IN CONCRETE 0.6 FEET ABOVE THE GROUND STAMPED "2-H 1980".	CONTRACTOR	DATE
1.	Topographic and Design surveys by Espey/Huston & Assoc., Inc.	2/87		CONTRACTOR	DATE
				INSPECTOR	DATE
				VERIFICATION BY	DATE
				RECORDED BY	DATE
				NO.	



WATER AND SANITARY SEWER NOTES

- ALL STATIONING AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.
- THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DRAWINGS ARE APPLICABLE TO THE WATER AND SANITARY SEWER CONSTRUCTION:

2102	2145	2326	2344	2362
2110	2315	2328	2347	2368
2118	2320	2335	2360	2368
2125	2325	2340	2361	2369
- SEE DETAIL A SHEET 27 FOR TYPICAL WATER METER BOX LOCATION.
- SEE DETAIL B SHEET 27 FOR TYPICAL SANITARY SEWER SERVICE INSTALLATION.

NOTE: PHASE ONE CONSTRUCTION LIMIT IS AT BACK OF CURB, WEST SIDE OF CALLE DE ENTRADA, EXCEPT FOR WHEELCHAIR RAMPS EACH SIDE OF CALLE DE ENTRADA AT 98TH STREET.

LEGEND

- W --- EXISTING WATERLINE
- SAS --- EXISTING SANITARY SEWER
- SAS --- EXISTING MANHOLE
- SAS --- EXISTING FIRE HYDRANT
- SAS --- EXISTING GATE VALVE
- SAS --- PROPOSED WATERLINE
- SAS --- PROPOSED SANITARY SEWER
- SAS --- PROPOSED MANHOLE
- SAS --- PROPOSED FIRE HYDRANT
- SAS --- PROPOSED GATE VALVE
- SAS --- PROPOSED CAP OR PLUG
- SAS --- PROPOSED SINGLE METER, WATER SERVICE LINE
- SAS --- PROPOSED DOUBLE METER, WATER SERVICE LINES
- SAS --- PROPOSED SANITARY SEWER SERVICE LINE
- SAS --- PROPOSED CROSS, TEE OR ELBOW

SCANNED BY LASON

BRASHER ENGINEERING INC.

11930 MENAUL BLVD. NE SUITE 111
ALBUQUERQUE, NM MEXICO 87112
(505) 296-0422

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

**TITLE: LAS LOMITAS
CAMINO DE AGUILA NW
UTILITY PLAN AND PROFILE**

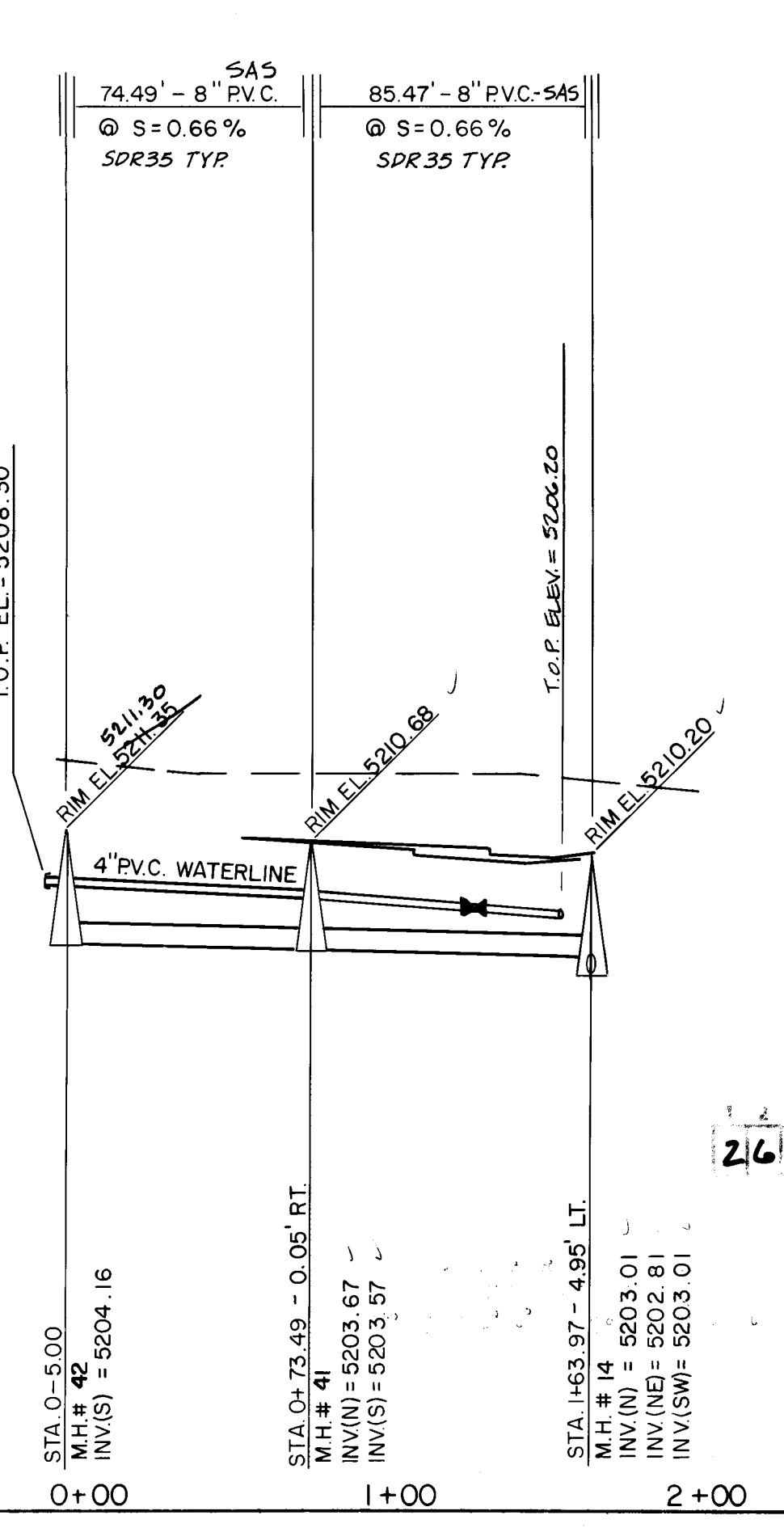
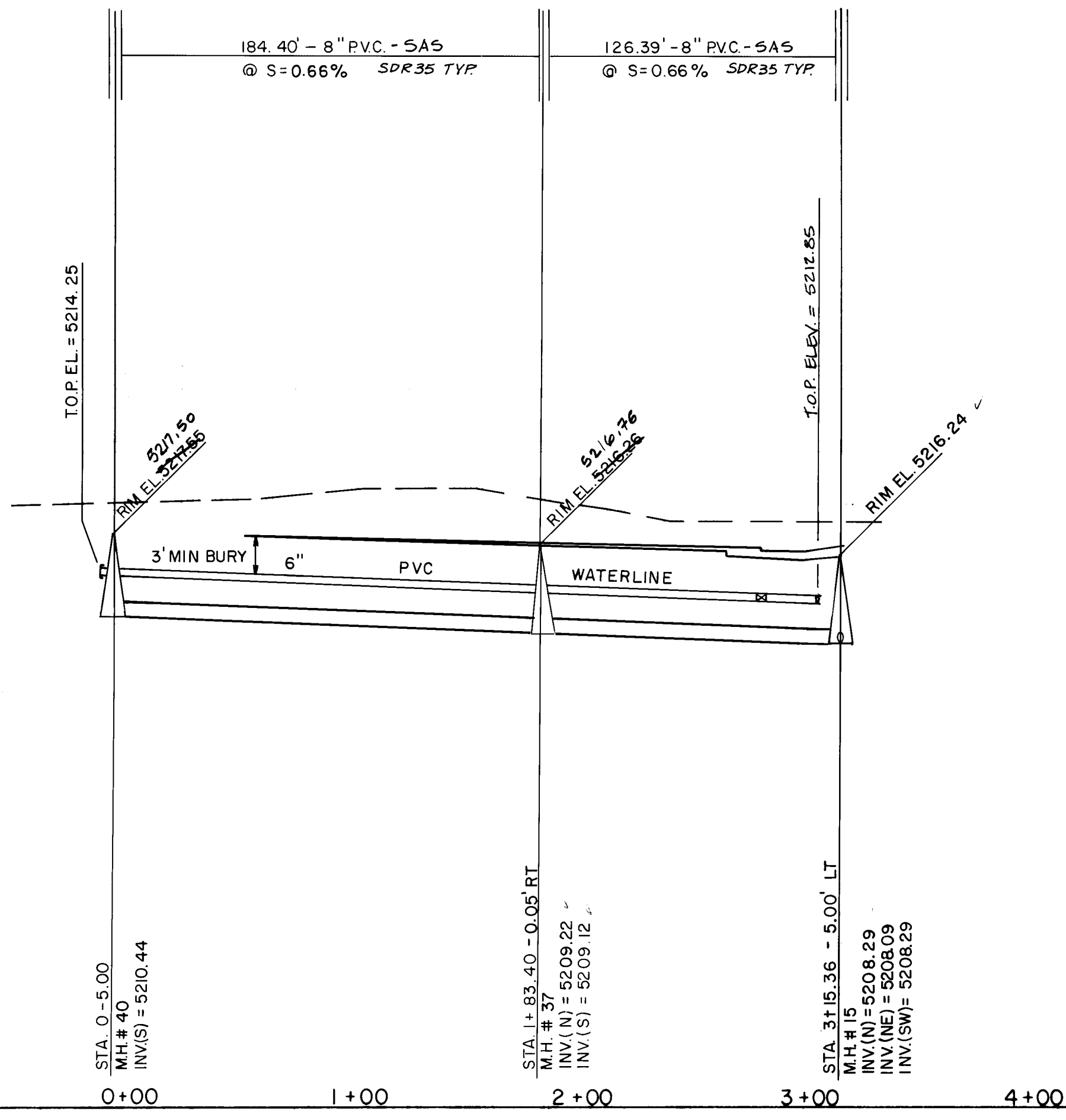
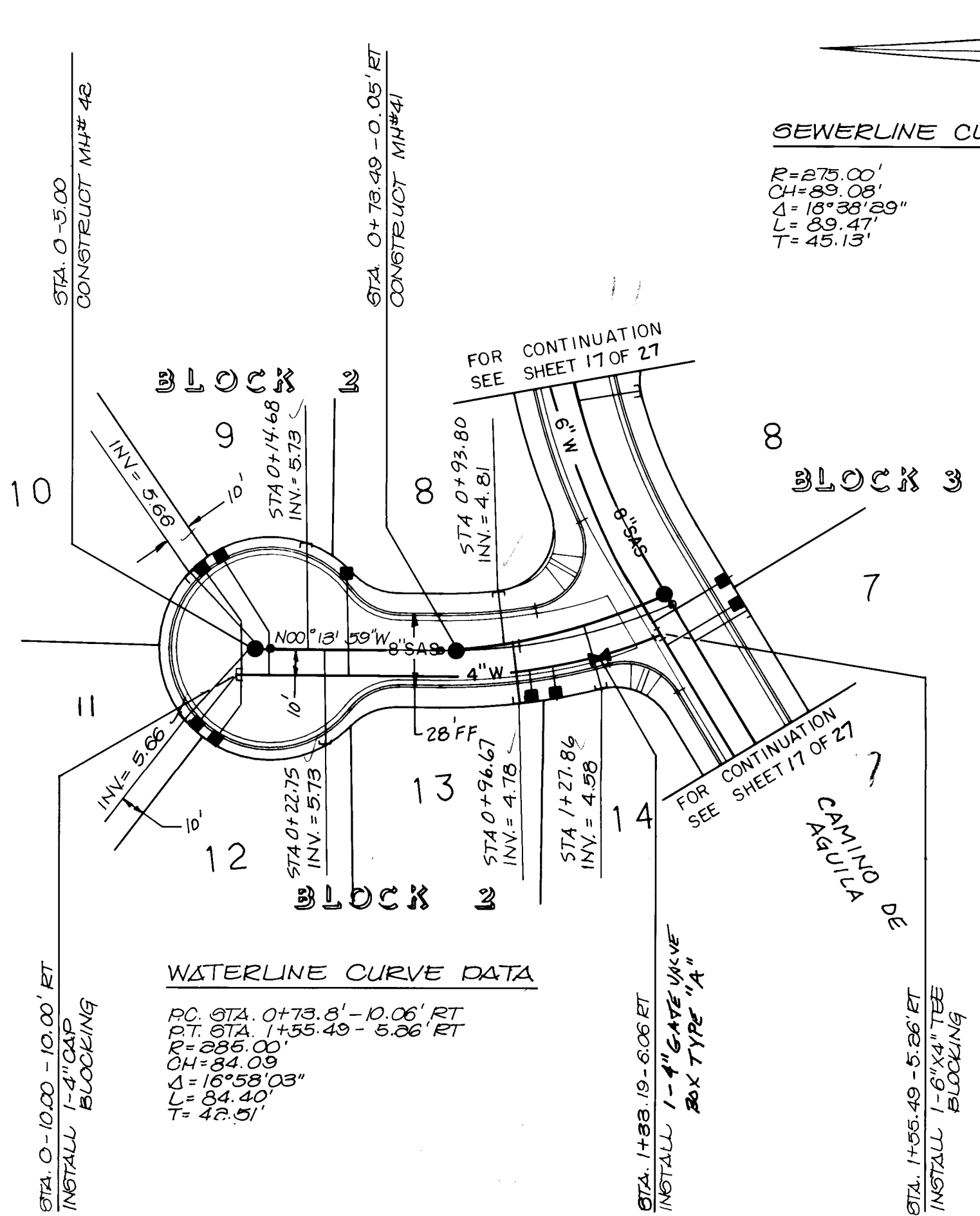
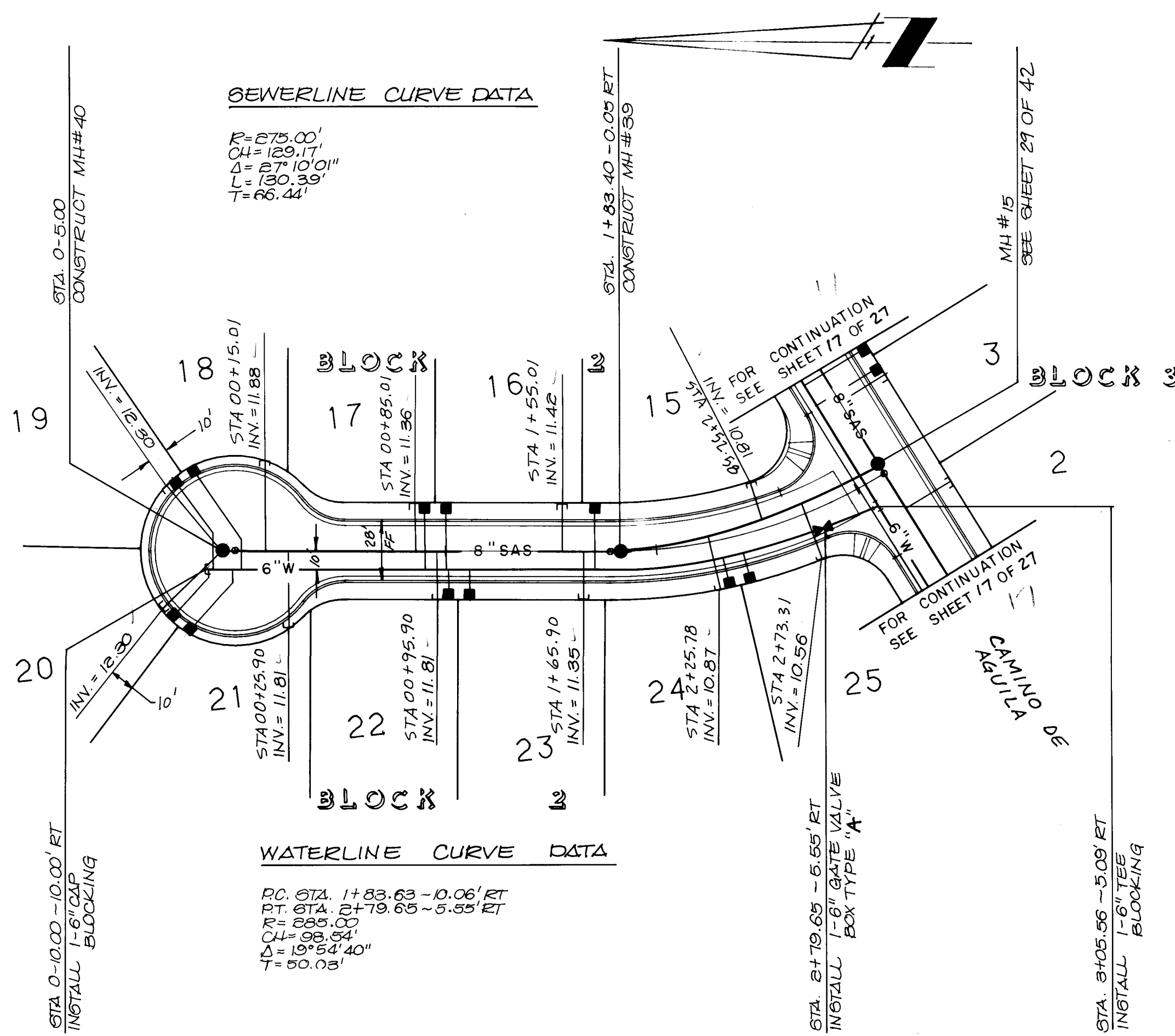
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	R. J. [Signature]	4/16/92	WATER	[Signature]	4/16/92
TRANSPORTATION	N. B. [Signature]	4-07-92	WASTE WATER	[Signature]	
HYDROLOGY	[Signature]	4-06-92			

DESIGNED BY P.B. DATE 3-92
DRAWN BY [Signature] DATE 3-92
CHECKED BY [Signature] DATE 3-92

PROJECT NO. 4422.90

MAP NO. H-9

SHEET 17 OF 27



RECORD DRAWING

This drawing as modified shows improvements as constructed. These modifications have been made using information and measurements obtained by Aldrich Land Surveying, the Contractor and City Inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque Engineering Department Manual, Section 27.4 to the best of the Engineer's knowledge and belief.

Paul Brasher, P.E. 7282

Date 10-26-92

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

- LEGEND**
- W --- EXISTING WATERLINE
 - SAS --- EXISTING SANITARY SEWER
 - FHD --- EXISTING FIRE HYDRANT
 - GVE --- EXISTING GATE VALVE
 - W --- PROPOSED WATERLINE
 - SAS --- PROPOSED SANITARY SEWER
 - FHD --- PROPOSED FIRE HYDRANT
 - GVE --- PROPOSED GATE VALVE
 - CAP --- PROPOSED CAP OR PLUG
 - SML --- PROPOSED SINGLE METER, WATER SERVICE LINE
 - DBL --- PROPOSED DOUBLE METER, WATER SERVICE LINE
 - SSS --- PROPOSED SANITARY SEWER SERVICE LINE
 - CTE --- PROPOSED CROSS,TEE OR ELBOW

BRASHER ENGINEERING INC.

11930 MENAUL BLVD. NE SUITE 111
ALBUQUERQUE, NEW MEXICO 87112
(505) 296-0422

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LAS LOMITAS
CORTE DE CHAMISA NW. - CORTE DE LOMA NW.
UTILITY PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	Paul Brasher	4-16-92	WATER	MDH	4-22-92
TRANSPORTATION	DA CHO	4-27-92	WASTE WATER	MDH	"
HYDROLOGY	KT. Wally	4-26-92			

PROJECT NO. 4422.90 MAP NO. H-9 SHEET 18 OF 27

WATER AND SANITARY SEWER NOTES

- ALL STATIONING AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.
- THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DRAWINGS ARE APPLICABLE TO THE WATER AND SANITARY SEWER CONSTRUCTION:

2102	2145	2326	2344	2362
2110	2315	2328	2347	2366
2118	2320	2335	2360	2368
2125	2325	2340	2361	2369
- SEE DETAIL A SHEET 27 FOR TYPICAL WATER METER BOX LOCATION.
- SEE DETAIL B SHEET 27 FOR TYPICAL SANITARY SEWER SERVICE INSTALLATION.

NOTE:
PHASE ONE CONSTRUCTION LIMIT IS AT BACK OF CURB, WEST SIDE OF CALLE DE ENTRADA, EXCEPT FOR WHEELCHAIR RAMPS EACH SIDE OF CALLE DE ENTRADA AT 26TH STREET.

The station is located on the West Mesa under power lines running NW-SW, in the middle of Pylon #76-2, approx 0.2 miles north of Ladara Drive NW, and approx 111 feet west of the centerline of Uniar Boulevard NW. The station mark is an ACS brass tablet set in concrete 0.6 feet above the ground stamped "2-H9 1980".

FIELD ELEVATION = 5207.23

NO.	BY	DATE
1.	Topographic and Design surveys by Espey, Hyston & Assoc., Inc.	2/87

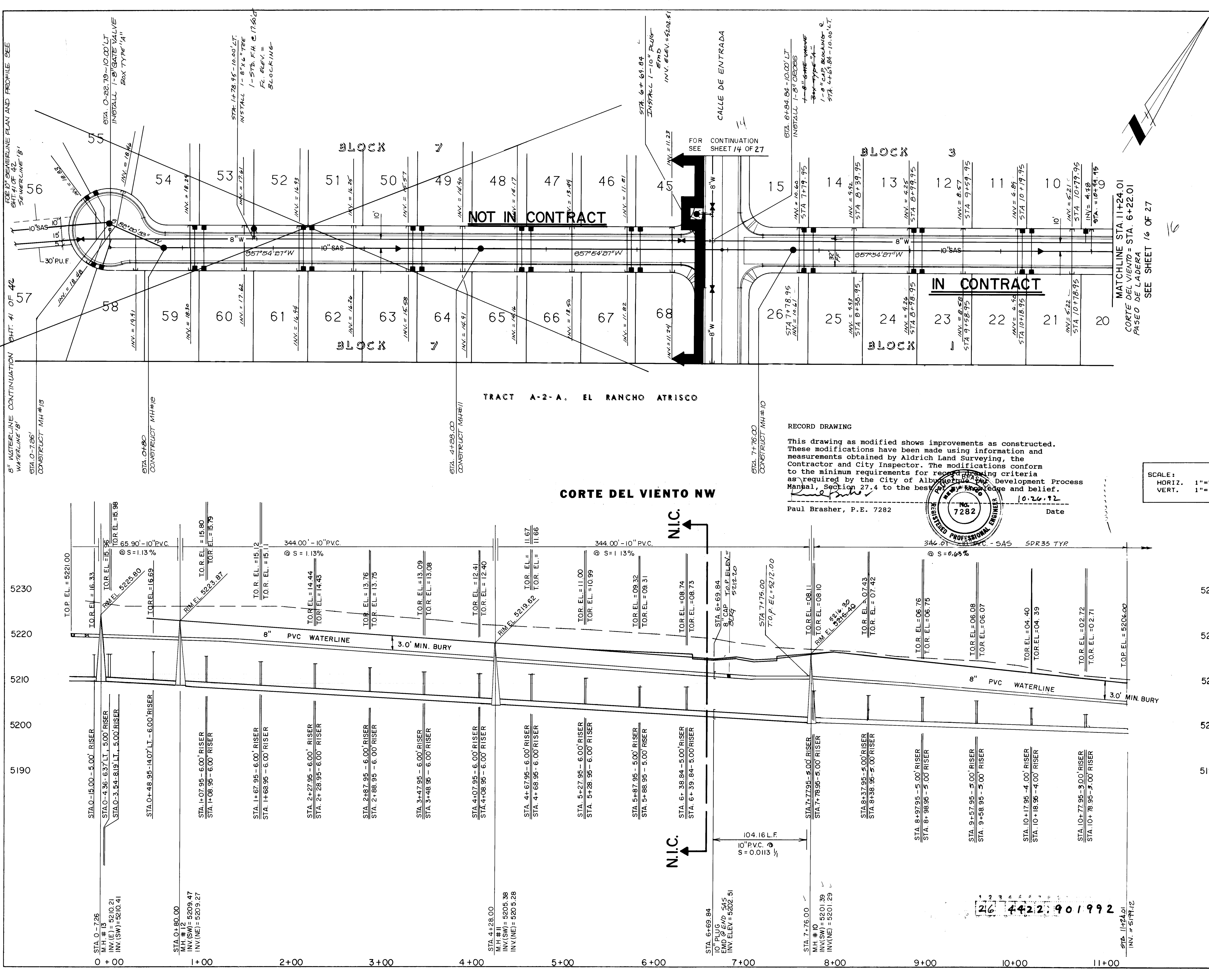
AS BUILT INFORMATION

CONTRACTOR	WORK	DATE
CCM	ALS	DATE 92

BENCH MARKS

The station is located on the West Mesa under power lines running NW-SW, in the middle of Pylon #76-2, approx 0.2 miles north of Ladara Drive NW, and approx 111 feet west of the centerline of Uniar Boulevard NW. The station mark is an ACS brass tablet set in concrete 0.6 feet above the ground stamped "2-H9 1980".

FIELD ELEVATION = 5207.23



WATER AND SANITARY SEWER NOTES

- ALL STATIONING AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.
- THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DRAWINGS ARE APPLICABLE TO THE WATER AND SANITARY SEWER CONSTRUCTION:

2102	2145	2326	2344	2362
2110	2315	2328	2347	2366
2118	2320	2335	2360	2368
2125	2325	2340	2361	2369
- SEE DETAIL A SHEET 27 FOR TYPICAL WATER METER BOX LOCATION.
- SEE DETAIL B SHEET 27 FOR TYPICAL SANITARY SEWER SERVICE INSTALLATION.

NOTE:
PHASE ONE CONSTRUCTION LIMIT IS AT BACK OF CURB, WEST SIDE OF CALLE DE ENTRADA, EXCEPT FOR WHEELCHAIR RAMPS EACH SIDE OF CALLE DE ENTRADA AT 98TH STREET.

LEGEND

---	W	---	EXISTING WATERLINE
---	SAS	---	EXISTING SANITARY SEWER
---	W	---	EXISTING MANHOLE
---	W	---	EXISTING FIRE HYDRANT
---	SAS	---	EXISTING GATE VALVE
---	W	---	PROPOSED WATERLINE
---	SAS	---	PROPOSED SANITARY SEWER
---	W	---	PROPOSED MANHOLE
---	SAS	---	PROPOSED FIRE HYDRANT
---	W	---	PROPOSED GATE VALVE
---	SAS	---	PROPOSED CAP OR PLUG
---	W	---	PROPOSED SINGLE METER, WATER SERVICE LINE
---	SAS	---	PROPOSED DOUBLE METER, WATER SERVICE LINES
---	W	---	PROPOSED SANITARY SEWER SERVICE LINE
---	SAS	---	PROPOSED CROSS, TEE OR ELBOW

REVISIONS

NO.	DATE	REVISIONS
1	4-16-92	DESIGN

BRASHER ENGINEERING INC.
11930 MENAUL BLVD. NE SUITE 111
ALBUQUERQUE, NEW MEXICO 87112
(505) 296-0422

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

**TITLE: LAS LOMITAS
CORTE DEL VIENTO NW.
UTILITY PLAN AND PROFILE**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	Robert J. Brasher	4-16-92	WATER	Michael	4-16-92
TRANSPORTATION	John R. Brasher	4-07-92	WASTE WATER	Michael	"
HYDROLOGY	John R. Brasher	4-06-92			

PROJECT NO. 4422.90 **MAP NO. H-9** **SHEET 19 OF 27**

RECORD DRAWING

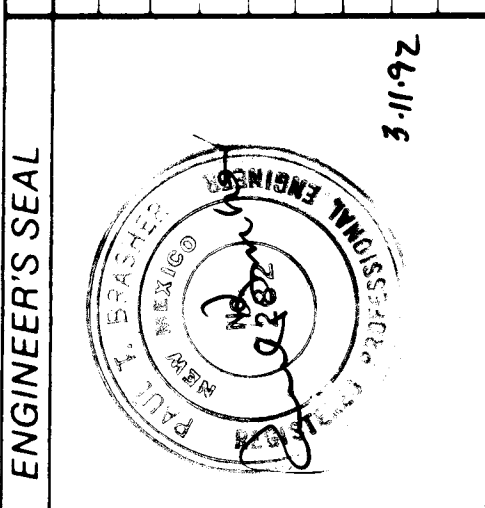
This drawing as modified shows improvements as constructed. These modifications have been made using information and measurements obtained by Aldrich Land Surveying, the Contractor and City Inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque Development Process Manual, Section 27.4 to the best of my knowledge and belief.

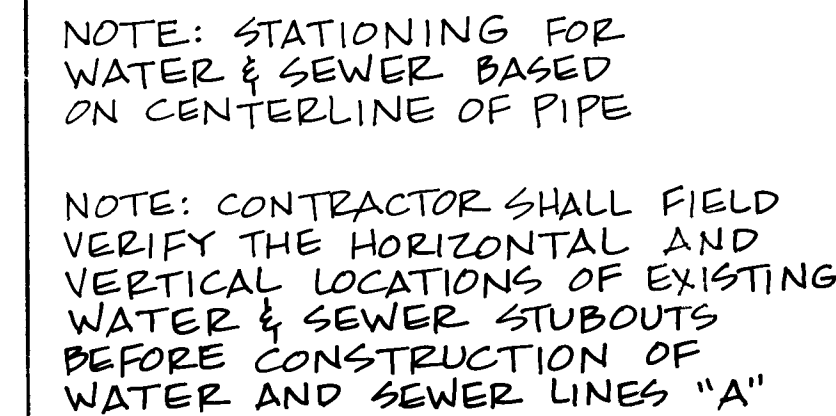
Paul Brasher, P.E. 7282

DATE 02.26.92

PROFESSIONAL ENGINEER
NO. 7282
STATE OF NEW MEXICO

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



[illegible]

NOTE:
PHASE ONE CONSTRUCTION LIMIT IS AT
BACK OF CURB, WEST SIDE OF CALLE
DE ENTRADA, EXCEPT FOR WHEELCHAIR
RAMPS EACH SIDE OF CALLE DE
ENTRADA AT 98TH STREET.

RECORD DRAWING

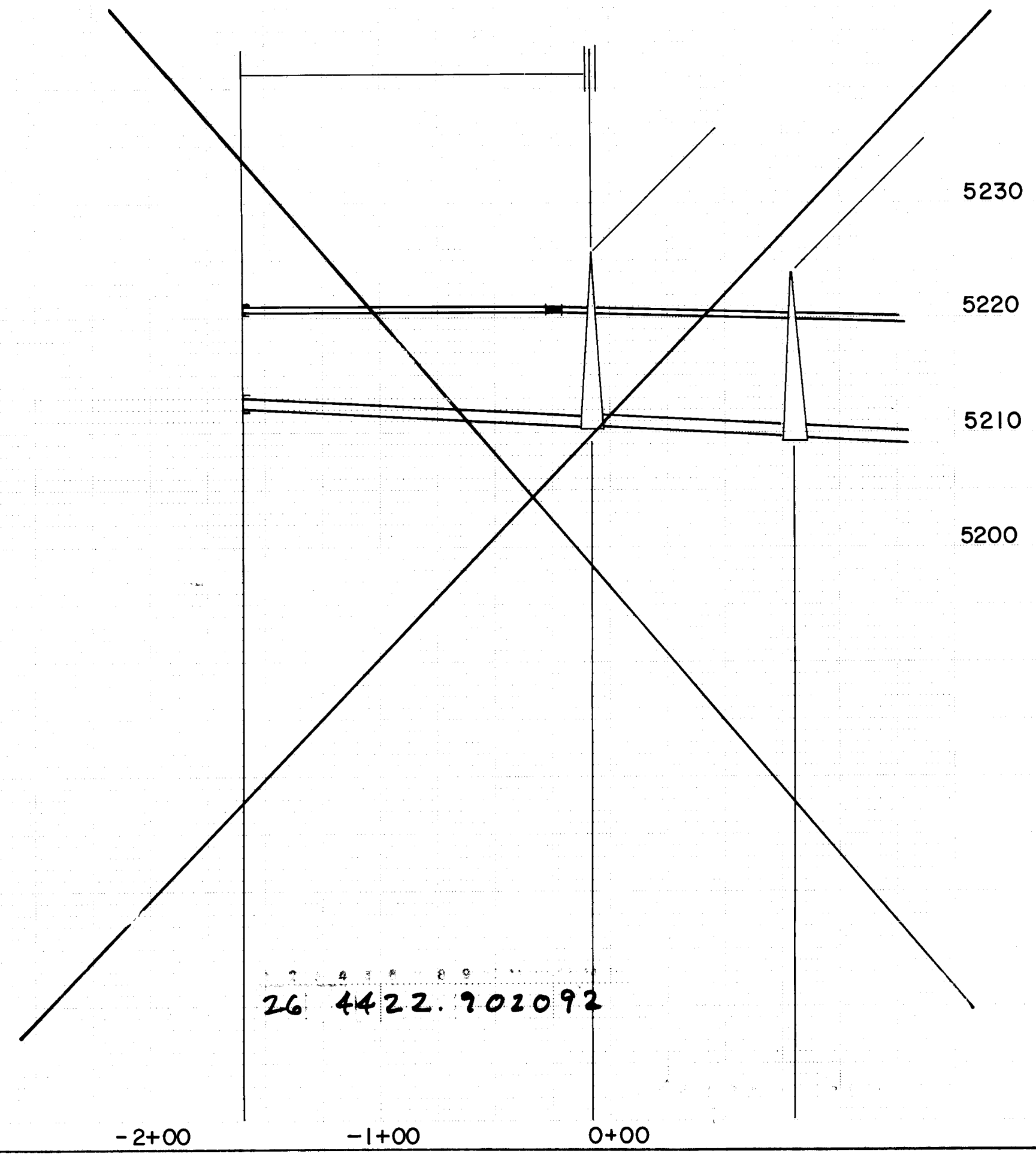
This drawing as modified shows improvements as constructed. These modifications have been made using information and measurements obtained by Aldrich Land Surveying, the Contractor and City Inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque per Development Process Manual, Section 27.4 to the best of my knowledge and belief.

Paul Brasher

Paul Brasher, P.E. 7282

10.16.72

Date



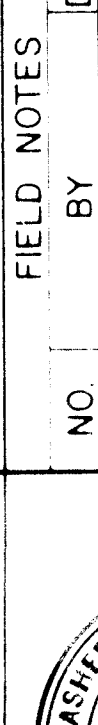
WATER AND SANITARY SEWER NOTES

1. ALL STATIONING AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF RIGHT-OF-WAY.
2. THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DRAWINGS ARE APPLICABLE TO THE WATER AND SANITARY SEWER CONSTRUCTION:
- | | | | | |
|------|------|------|------|------|
| 2102 | 2145 | 2326 | 2344 | 2362 |
| 2110 | 2315 | 2328 | 2347 | 2366 |
| 2118 | 2320 | 2335 | 2360 | 2368 |
| 2125 | 2325 | 2340 | 2361 | 2369 |
3. SEE DETAIL A SHEET 27 FOR TYPICAL WATER METER BOX LOCATION.
4. SEE DETAIL B SHEET 27 FOR TYPICAL SANITARY SEWER SERVICE INSTALLATION.

2102	2145	2326	2344	2362
2110	2315	2328	2347	2366
2118	2320	2335	2360	2368
2125	2325	2340	2361	2369

3. SEE DETAIL A SHEET 27 FOR TYPICAL
WATER METER BOX LOCATION.

4. SEE DETAIL B SHEET 27 FOR TYPICAL
SANITARY SEWER SERVICE INSTALLATION.

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
3/11/92		FIELD NOTES		The station is located on the West Mesa under power lines running NE-SW, in the middle of Pylon #76-2, approx 0.2 miles north of Ladara Drive NW, and approx 111 feet west of the centerline of Unser Boulevard NW. The station mark is an ACS brass tablet set in concrete 0.6 feet above the ground stamped "2-H9 1980". MSLD ELEVATION = 5207.23			
		NO.	DATE				
1.	2/87	Topographic and Design surveys by Espey, Huston & Assoc., Inc.		AL-5 COM			
REVISIONS		DATE		DATE			
DESIGN		DATE		DATE			
DESIGNED BY P.B.		DATE 3/92		DATE			
DRAWN BY		DATE		DATE			
CHECKED BY		DATE		DATE			

SCANNED BY
BY LASON

BRASHER ENGINEERING INC.

11930 MENAUL BLVD. NE SUITE 11
ALBUQUERQUE, NEW MEXICO 87112
(505) 296-0422

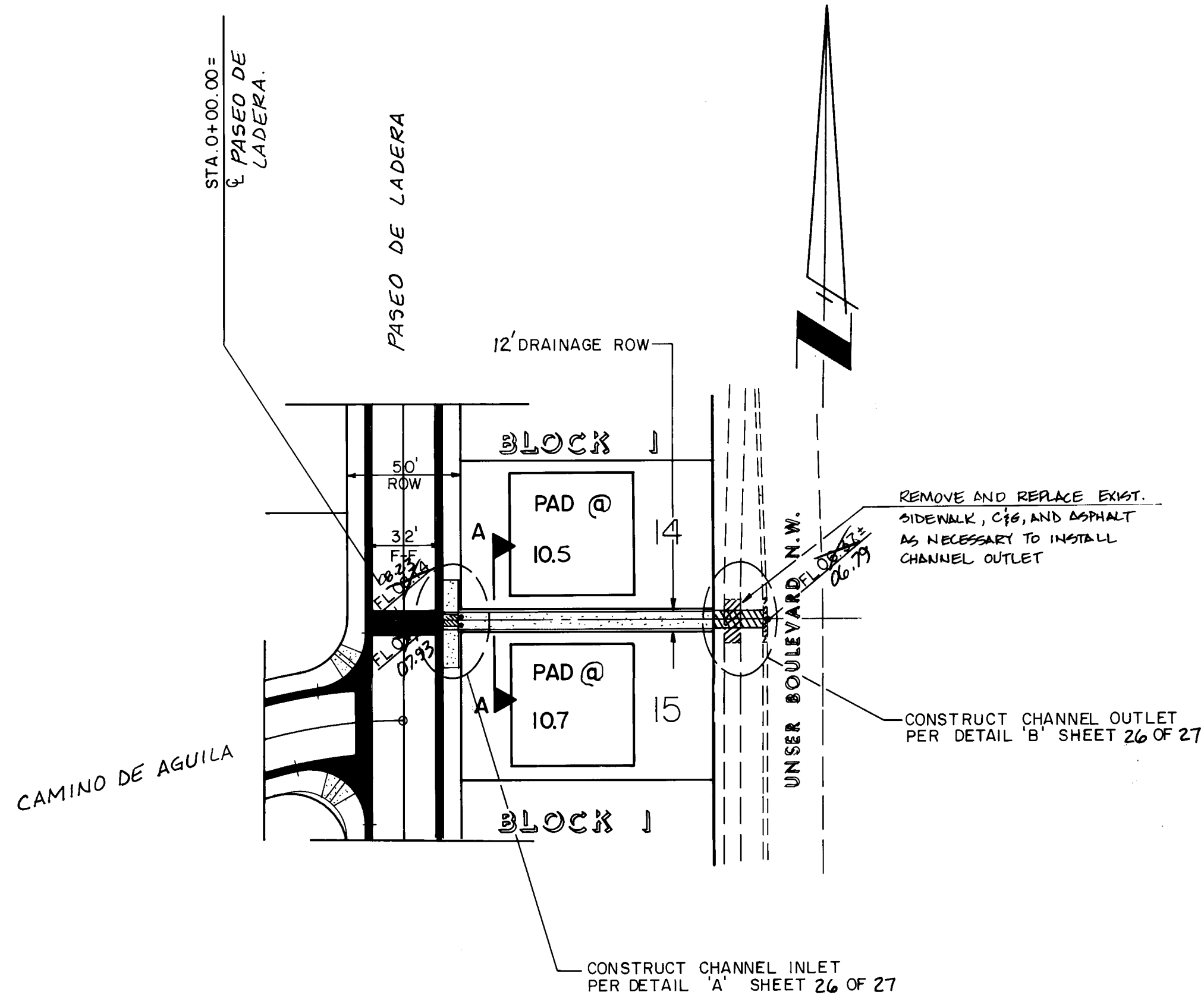
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **LAS LOMITAS**

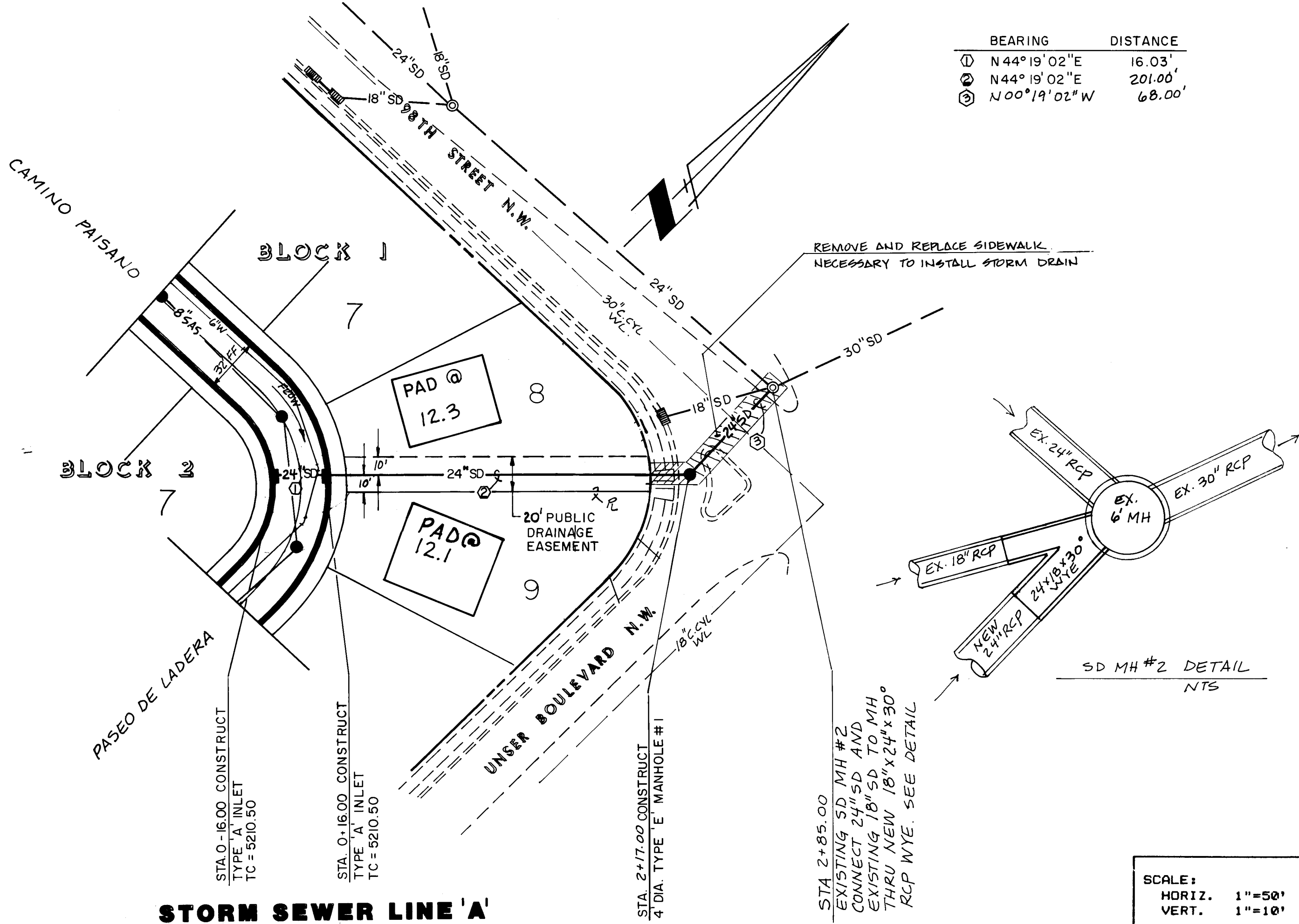
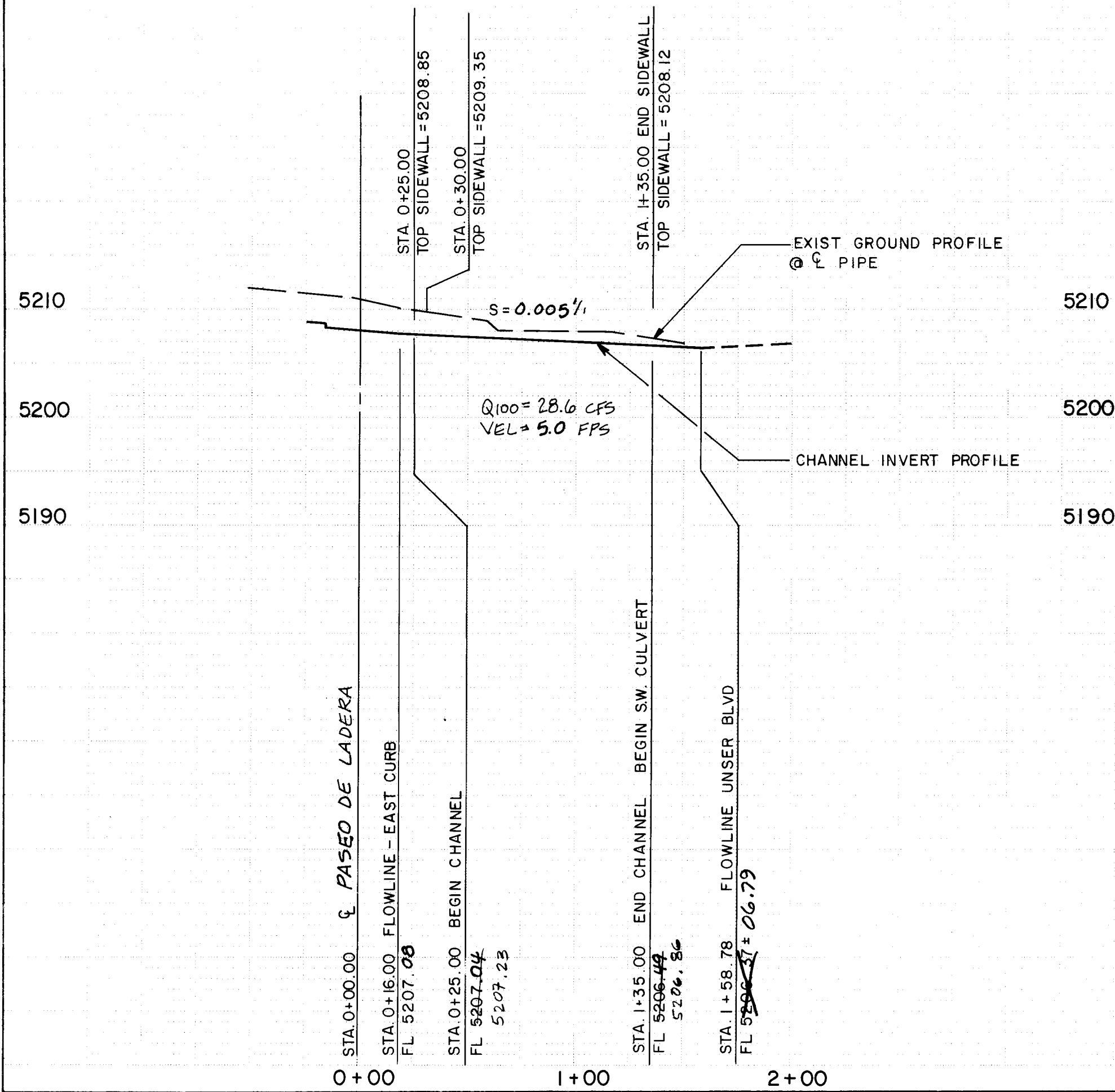
WATERLINE "A" AND SEWER
WATERLINE "B" AND SEWER

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>Roger Sheen</i>	4-16-92	WATER	<i>Mike</i>	4-7-92
TRANSPORTATION	<i>W. A. RHO</i>	4-27-92	WASTEWATER	<i>Mike</i>	"
HYDROLOGY	<i>S. Allen</i>	4-06-92			

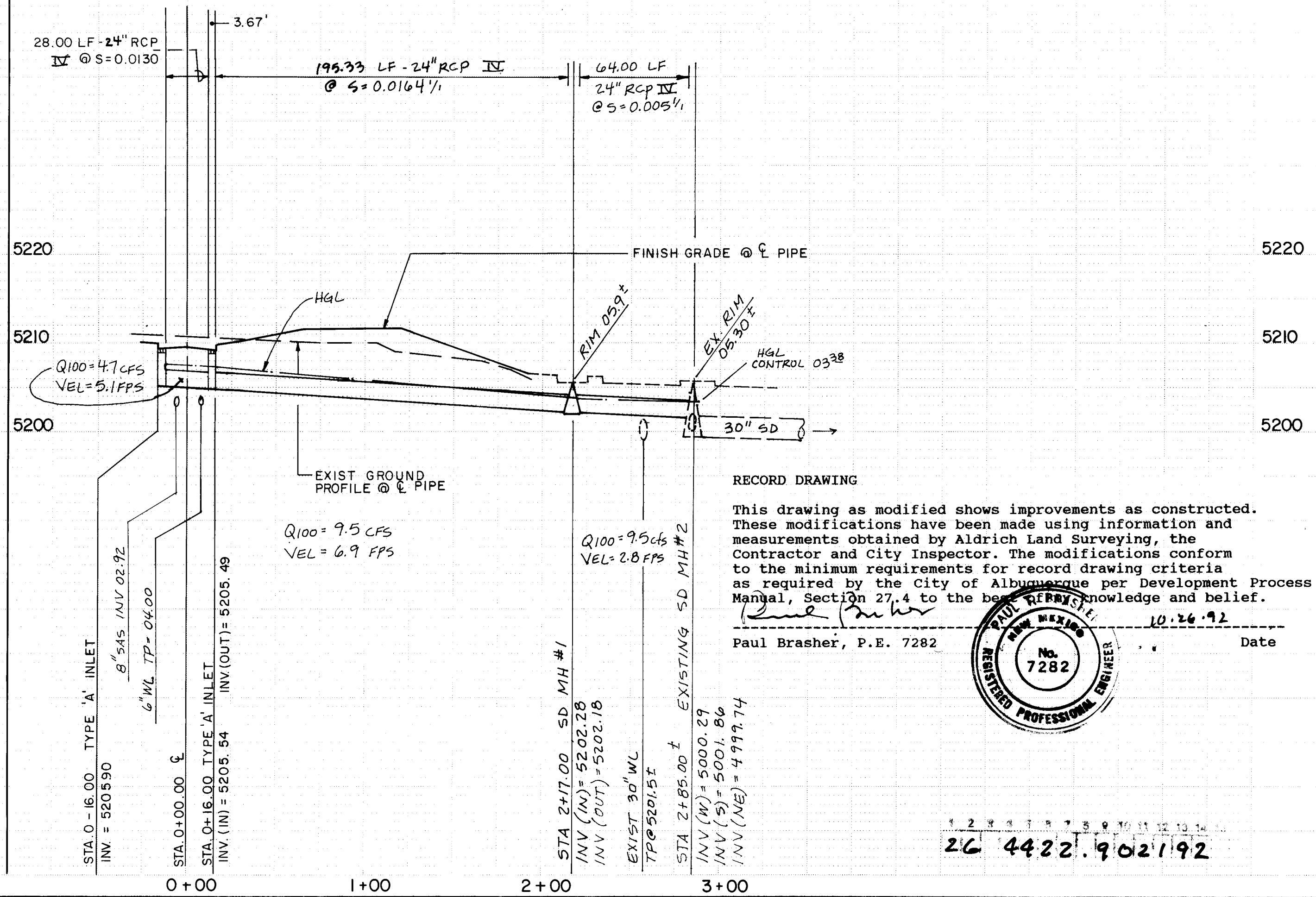
DRAWING NO.	4422.90	MAP NO.	H-9	SHEET	20	OF	27
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DRAINAGE CHANNEL "A"



STORM SEWER LINE "A"

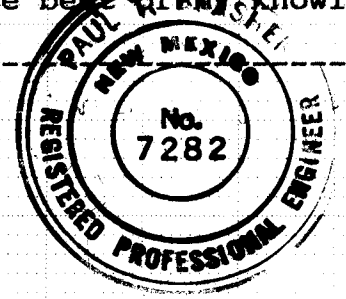


RECORD DRAWING

This drawing as modified shows improvements as constructed. These modifications have been made using information and measurements obtained by Aldrich Land Surveying, the Contractor and City Inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque per Development Process Manual, Section 27.4 to the best of the knowledge and belief.

Paul Brasher, P.E. 7282

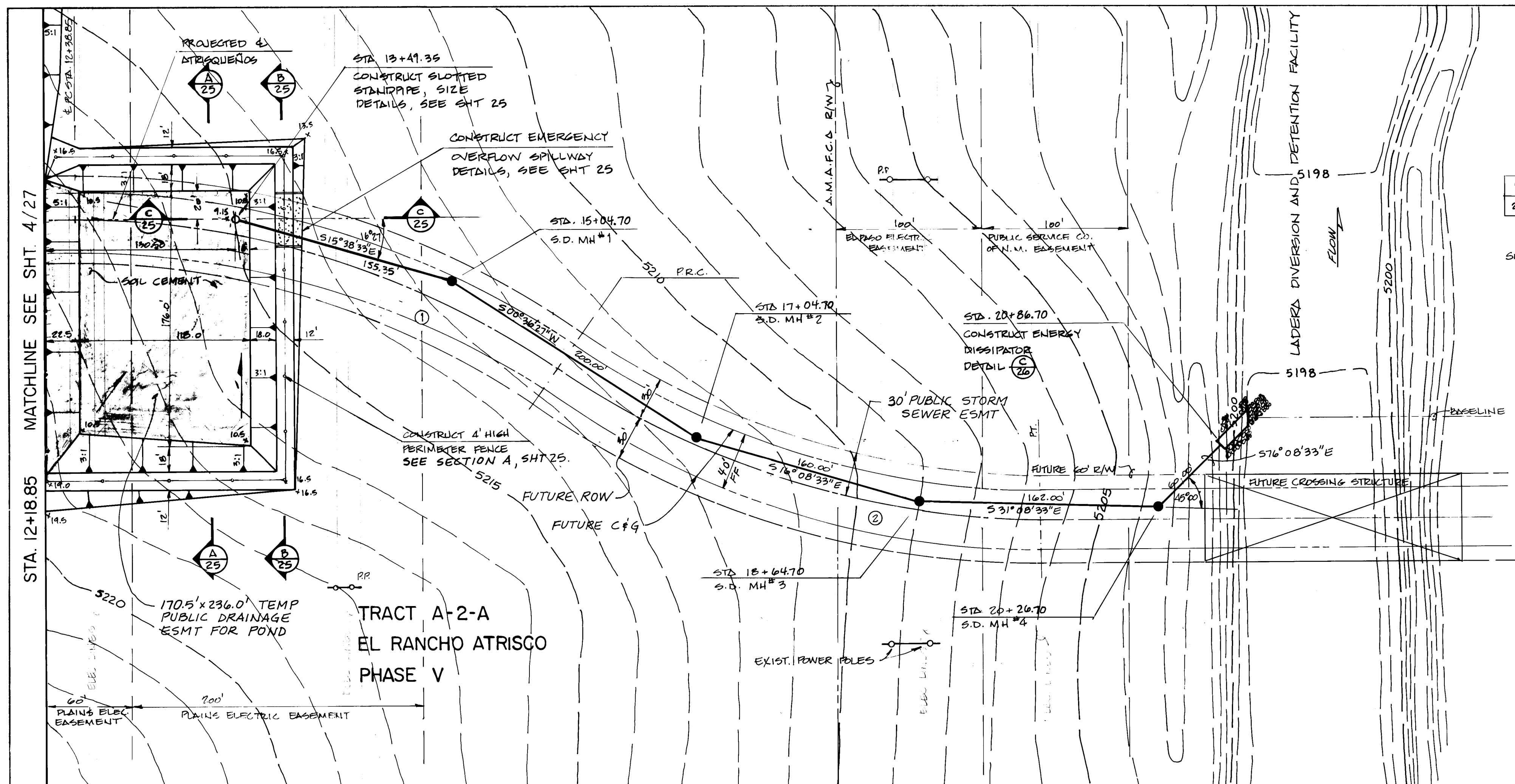
Date: 10.26.92



NOTE:
PHASE ONE CONSTRUCTION LIMIT IS AT BACK OF CURB, WEST SIDE OF CALLE DE ENTRADA, EXCEPT FOR WHEELCHAIR RAMP EACH SIDE OF CALLE DE ENTRADA AT 98TH STREET.

BRASHER ENGINEERING INC. 11930 MENAUL BLVD. NE SUITE 111 ALBUQUERQUE, NEW MEXICO 87112 (505) 296-0422		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: DRAINAGE CHANNEL "A" STA. 0+00.00 TO STA. 1+58.78 STORM SEWER LINE "A" STA. 0+00.00 TO STA. 2+08.79			
APPROVALS	ENGINEER	DATE	APPROVALS
DRC CHAIRMAN	Paul Brasher	4-14-92	WATER
TRANSPORTATION	Paul Brasher	4-27-92	WASTEWATER
HYDROLOGY	Paul Brasher	4-26-92	
DESIGNED BY: PL DRAWN BY: PL CHECKED BY: AB		DATE: 2-92 DATE: 3-92 DATE: 3-92	
DRAWING NO. 4422.90		MAP NO. H-9 SHEET 21 OF 27	

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	DESCRIPTION	DATE	DESCRIPTION
1.	Topographic and Design surveys by Espey, Ruston & Assoc., Inc.	2/87	The station is located on the west mesa under power lines running NE-SW, in the middle of pylons #76-2, approximately 0.2 miles north of Ladera Drive N.W., and approximately 111 feet west of the centerline of Unser Boulevard N.W. The station mark is an RCS brass tablet set in concrete 0.6 feet above the ground stamped 1988". MSL ELEVATION = 5207.23	DATE	DESCRIPTION
				DATE	DESCRIPTION
				DATE	DESCRIPTION

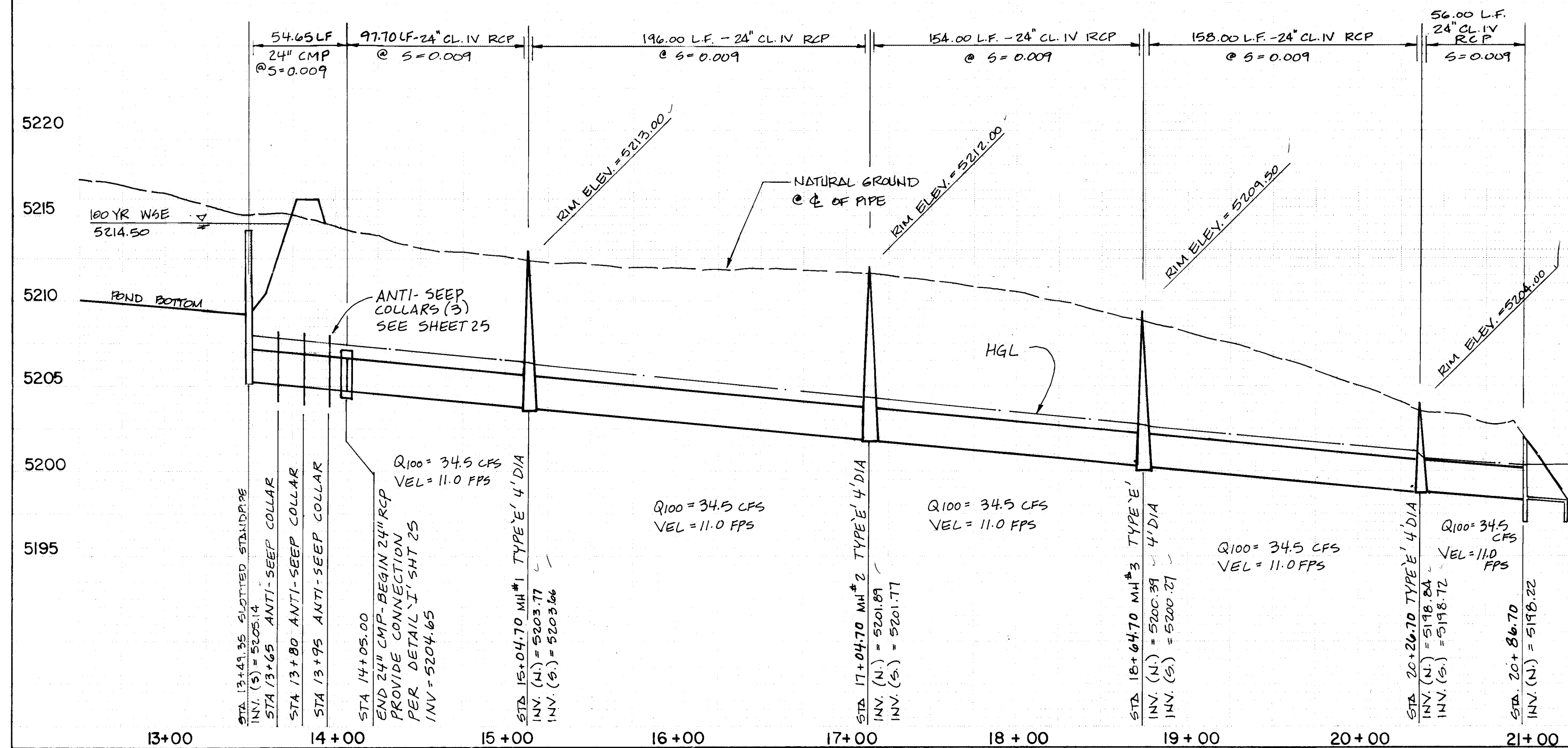


	R	Δ	L	T	CH
1	580.00'	35°01'01"	354.49'	182.98'	349.00'
2	580.00'	35°01'01"	354.49'	182.98'	349.00'

NOTE:
PHASE ONE CONSTRUCTION LIMIT IS AT
BACK OF CURB, WEST SIDE OF CALLE
DE ENTRADA, EXCEPT FOR WHEELCHAIR
RAMPS EACH SIDE OF CALLE DE
ENTRADA AT 98TH STREET.

SCALE:
HORIZ. 1" = 50'
VERT. 1" = 85'

STORM SEWER LINE 'B'



SEEDING SPECIFICATION

All off-site areas disturbed during Unit One construction shall be re-seeded in accordance with the following:

Specifications for seeding shall be per City of Albuquerque Standard Specifications for Public Works Construction, 1986, Section 1011, Native Seeding Class A. No fertilizer or watering is required. Seed mixture to be as follows:

Species	Lbs. Pure live seed per acre
Blue grama	1.0
Sideoats grama	4.0
Western wheatgrass	4.0
Galleta	4.0
Akali sacaton	0.5
Total	13.5 Lbs/acre

NOTES FOR ENERGY DISSIPATOR

- The Contractor shall contact the AMAFCA Field Engineer 2 working days prior to construction (Phone 884-2215).
- AMAFCA inspection of reinforcing steel is required prior to placing concrete.
- AMAFCA inspection of granular filter blanket is required prior to placement of rip-rap.
- All rip-rap shall be angular rock. No cobbles will be accepted.

RECORD DRAWING

This drawing as modified shows improvements as constructed. These modifications have been made using information and measurements obtained by Aldrich Land Surveying, the Contractor and City Inspector. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque for Development Process Manual, Section 27.4 to the best of my knowledge and belief.

Paul Brasher, P.E. 7282 Date 10-26-92

- GENERAL NOTES FOR EARTHWORK**
- Earthwork shall be performed in accordance with the Geotechnical Engineering Evaluation, Proposed La Merced de Atrisco Subdivision, Albuquerque, NM, W.T. No. 3221K084, dated September 5, 1991, prepared by Western Technologies, Inc.
 - Erosion control berms shall be constructed in accordance with Detail 'K' on sheet 26 and at locations shown on the plan. The berms are intended to control minor flows and prohibit the release of sediment into adjacent streets and property during construction activity.
 - The Contractor shall maintain all temporary erosion control facilities throughout the construction phase of the project. The owner shall maintain after acceptance of Contractor work.
 - Temporary erosion control measures constructed on the individual lots shall remain in place until development of each respective lot is complete.
 - All front yards shall be graded in accordance with Detail 'P' on sheet 24 as a part of the temporary erosion control plan.
 - The Contractor shall obtain a topsoil disturbance permit from Environmental Health Division prior to performing any earthwork operations.
 - The Contractor shall obtain a separate permit from Code Administration for the construction of all retaining walls.
 - As the first phase of construction the Contractor shall construct the trainer dikes and interim detention pond to provide protection from off-site flows.
 - For drainage through perimeter walls at corner lots see detail 'D' on sheet 26.
 - The Contractor shall re-establish and re-vegetate all areas of Phase II disturbed by the construction of Phase I.

APPROVED FOR ROUGH GRADING,
SHEET 4, 22, 25 & 26 OF 27.

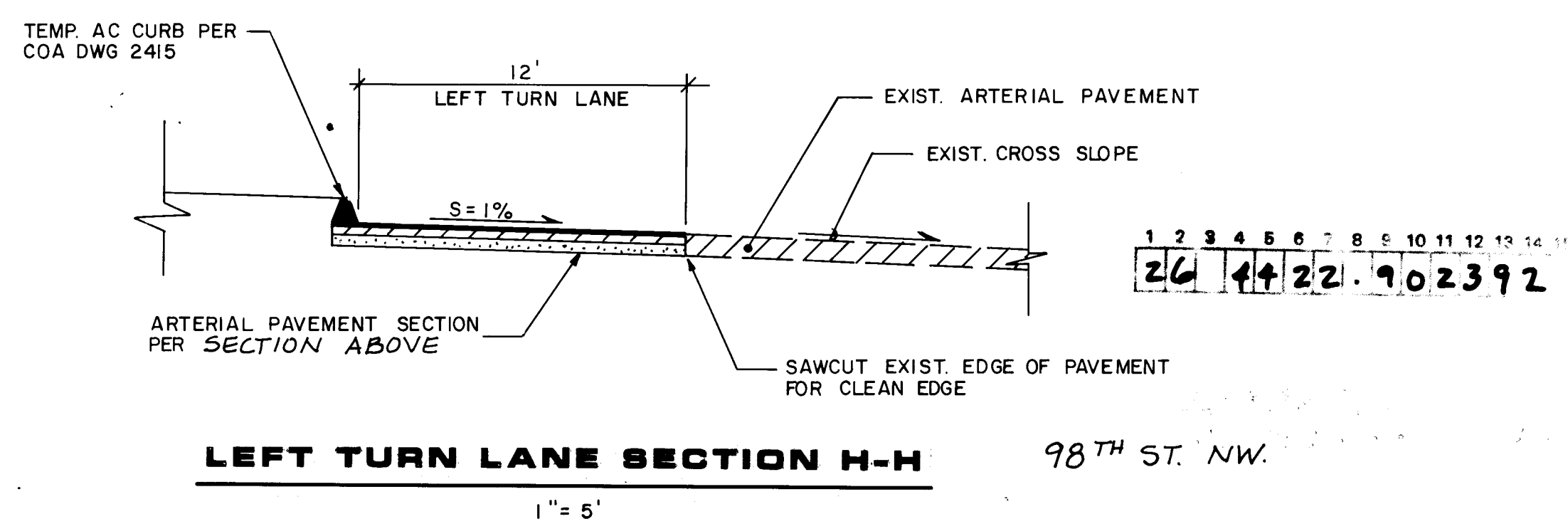
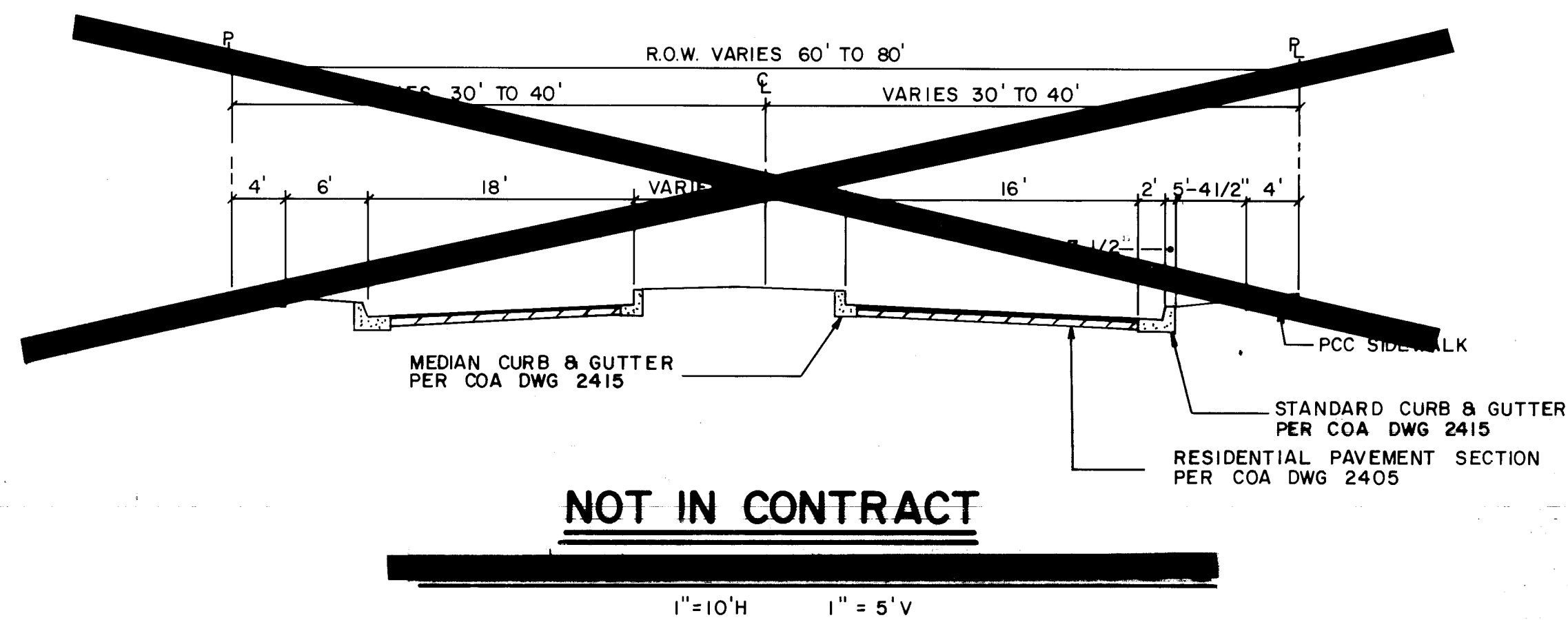
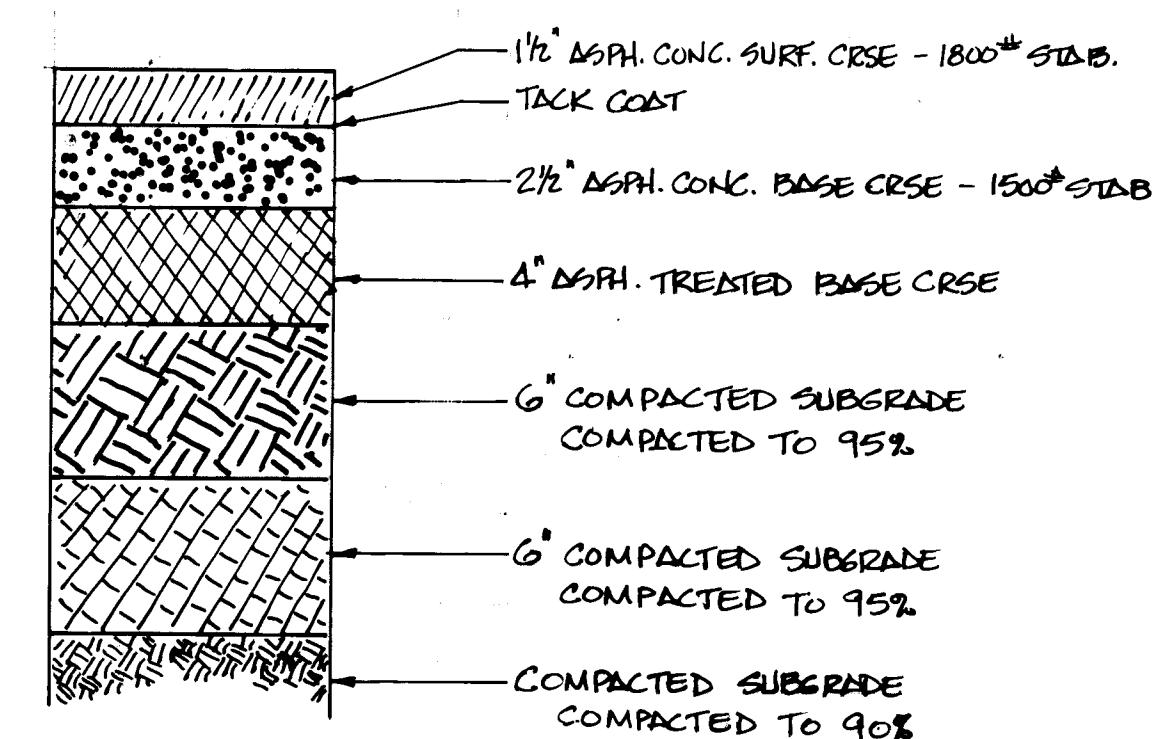
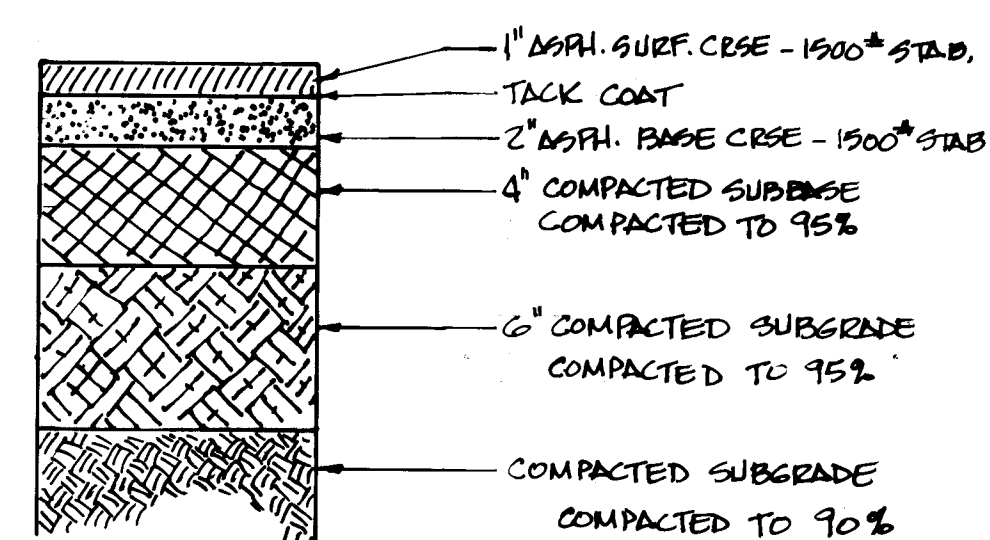
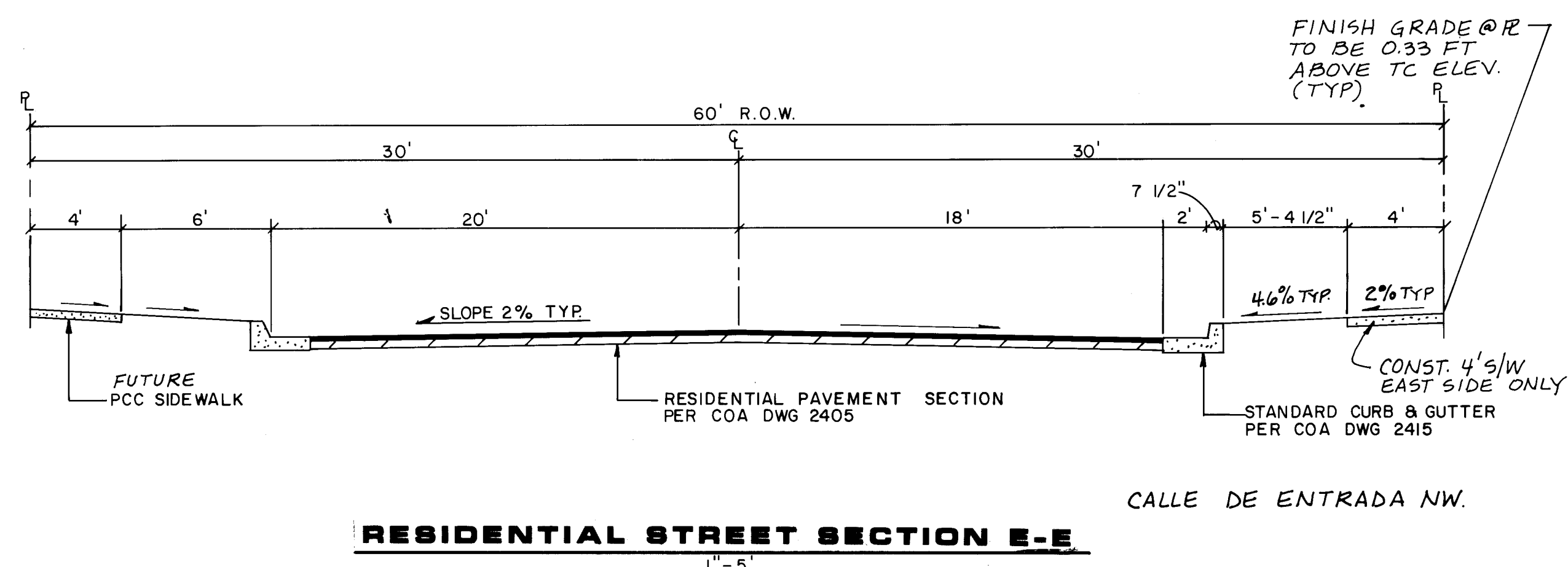
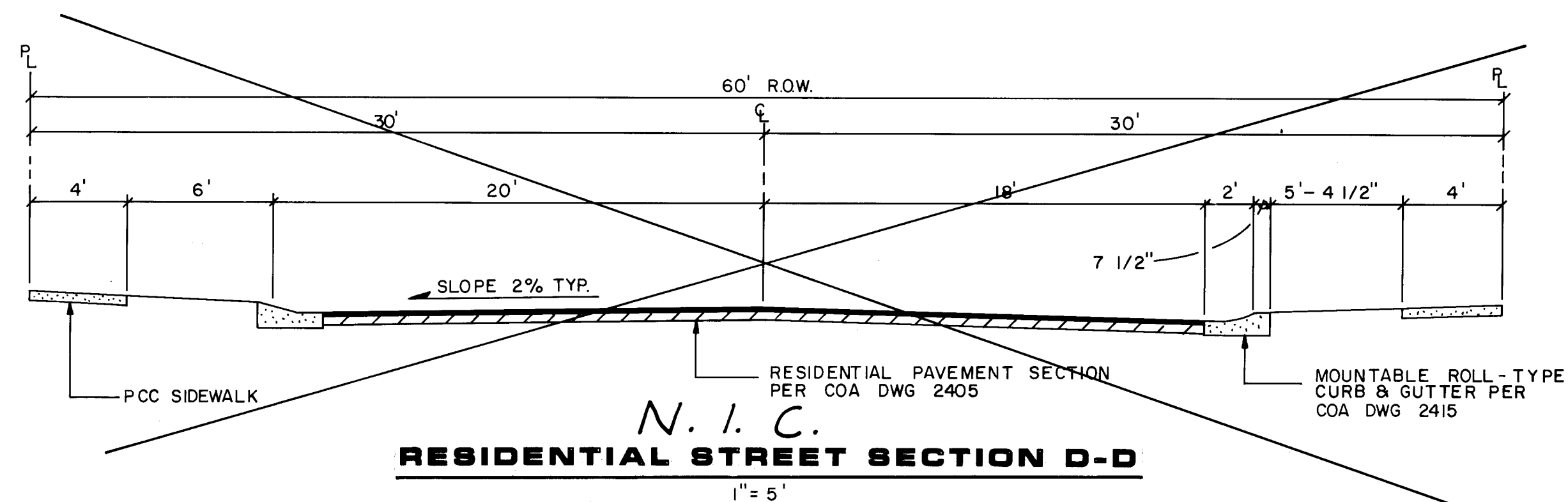
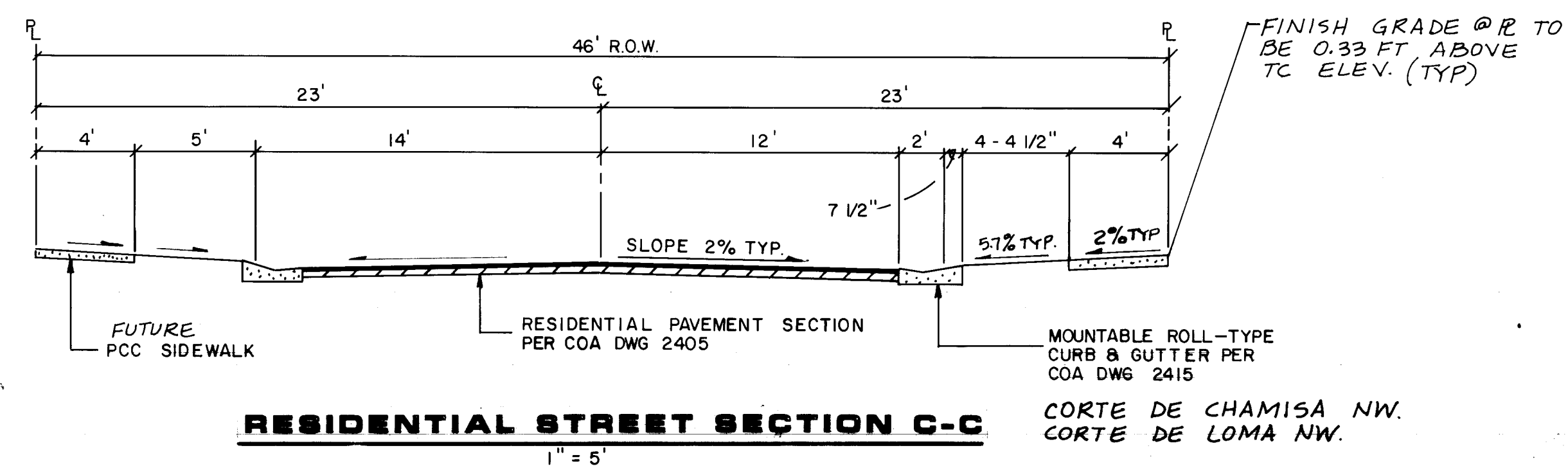
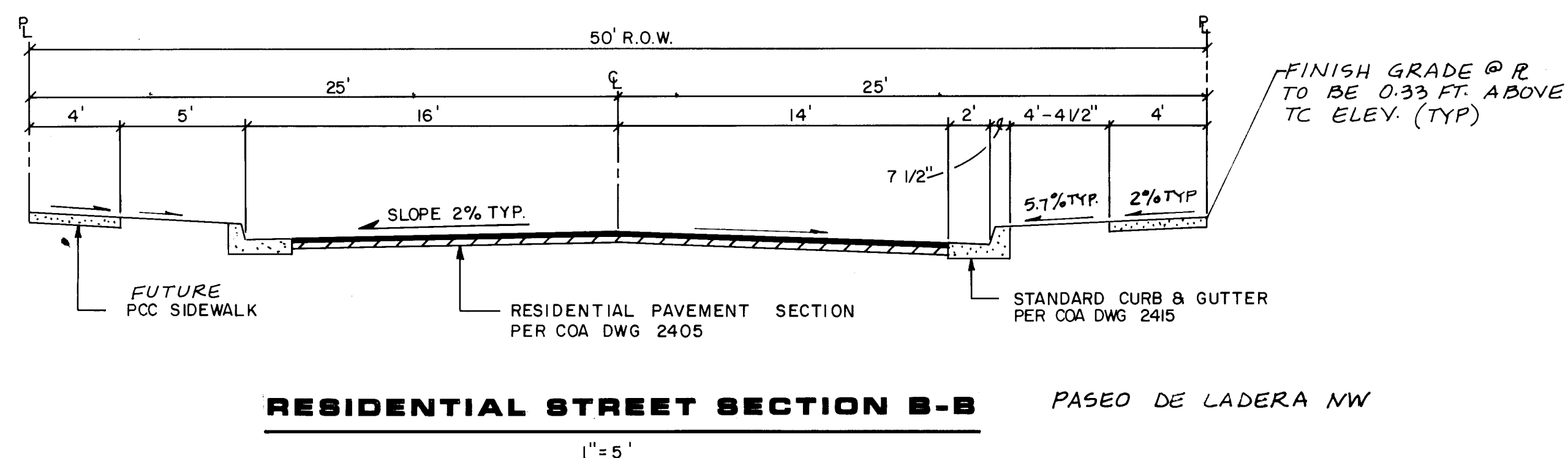
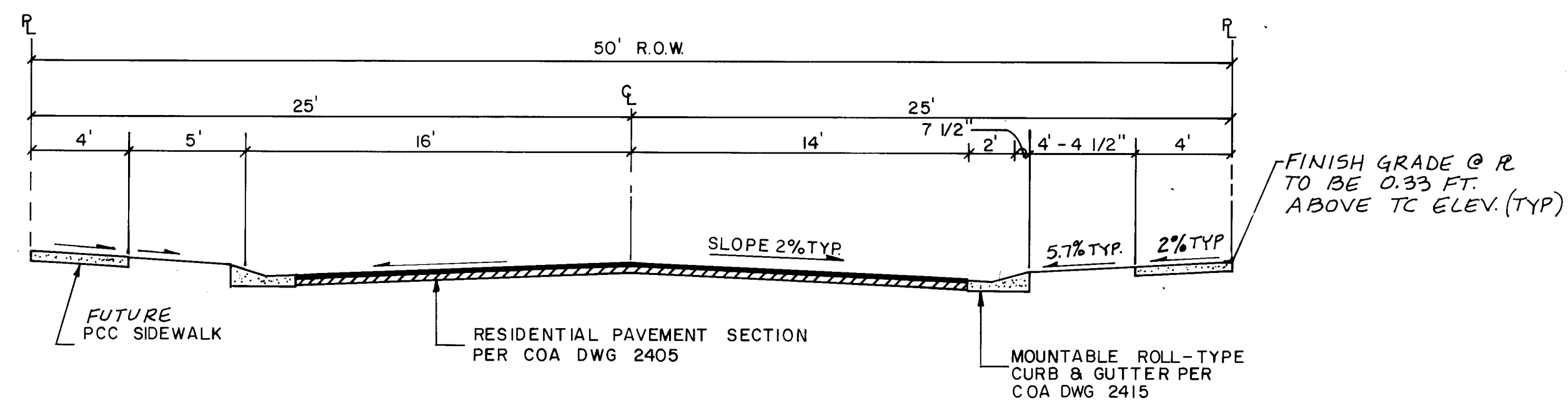
Fred Aguirre, PE 10/14/91
City of Albuquerque, Hydrology

ENGINEER'S SEAL

SCANNED BY LASON

BRASHER ENGINEERING INC.
11930 MENAUL BLVD. NE SUITE 111
ALBUQUERQUE, NEW MEXICO 87112
(505) 296-0422

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE LAS LOMITAS STORM SEWER LINE - B STORM DRAINAGE PLAN AND PROFILE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Paul Brasher	4/16/92	WATER	Paul Brasher	4/16/92
TRANSPORTATION	N/A	4/07/92	WASTEWATER	Paul Brasher	4/16/92
HYDROLOGY	Paul Brasher	4/06/92			
AMAFCA	Paul Brasher	3/20/92			
DRAWING NO.	4422.90	MAP NO. H-9	SHEET	22	OF 27



SCANNED BY
BY LASON

BRASHER ENGINEERING INC.

11930 MENAUL BLVD. NE SUITE 111
ALBUQUERQUE, NEW MEXICO 87112
(505) 296-0422

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **LAS LOMITAS**
STREET PAVING SECTIONS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>Ronald Green</i>	4/6/92	WATER	<i>ALB</i>	4-6-92
TRANSPORTATION	<i>K. Brown</i>	4-07-92	WASTEWATER	<i>ALB</i>	"
HYDROLOGY	<i>A. Alb</i>	4-06-92			

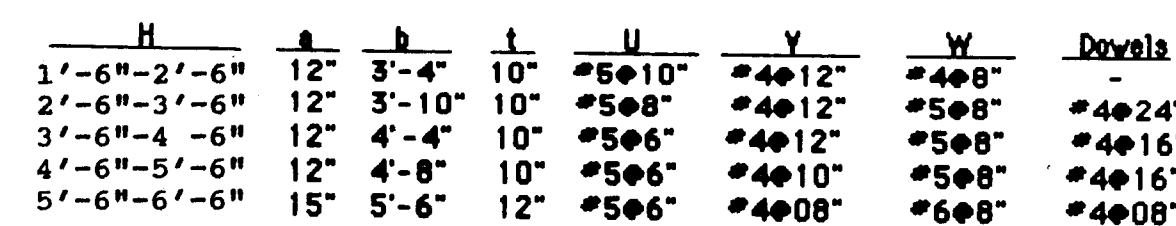
DRAWING NO.	4422.90	MAP NO.	H-9	SHEET	23	OF	27
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[illegible]



- LOT GRADING GENERAL NOTES:**

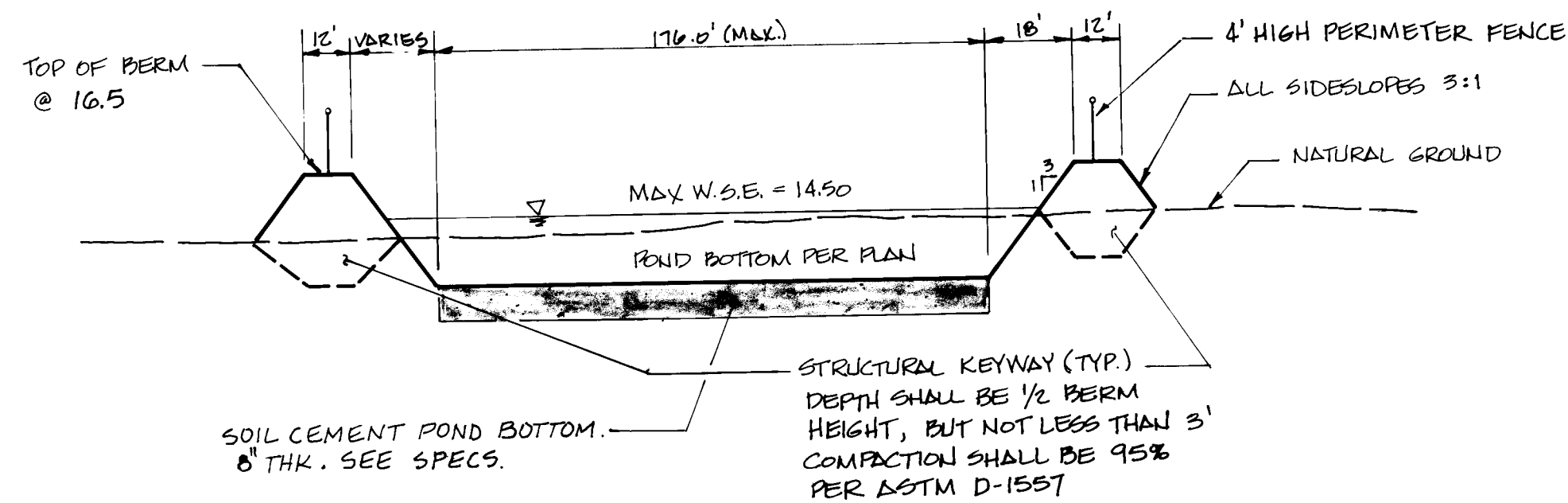
1. ELEVATION OF HIGH POINT OF REARYARD SWALE SHALL BE MIN. OF 6" BELOW PAD ELEVATION.
2. FINISHED FLOOR ELEVATIONS (NOT SHOWN) SHALL BE 8" ABOVE PAD ELEVATIONS (SHOWN).
3. LOT GRADING SHALL MEET THE SITE GRADING AND DRAINAGE CRITERIA FOR PROPOSED CONSTRUCTION AS SET FORTH BY THE DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT - FEDERAL HOUSING ADMINISTRATION IN CIRCULAR LETTER NO. 91-1, OFFICE OF THE MANAGER, ALBUQUERQUE, NM, AUGUST, DATE 12/25/91.
4. FRONT YARD SIDEWALK SLOPE SHALL NOT EXCEED 10%.
5. DRIVEWAY SLOPE SHALL NOT EXCEED 14%.
6. THE 6'0" x 6'0" PAD SHOWN IS THE BUILDING FOOTPRINT ENVELOPE. ACTUAL PAD TO BE CONSTRUCTED SHALL BE 5' LARGER IN EACH DIRECTION FOR A TOTAL SIZE OF 6'6" x 6'6".
7. ON INSIDE AND 90TH ST., THE AREA BETWEEN THE TOP OF SIDEWALK AND THE PERIMETER WALL SHALL BE SMOOTH-GRABBED TO MATCH THE ROCK OF CURB AND TOP OF SIDEWALK ELEVATIONS.



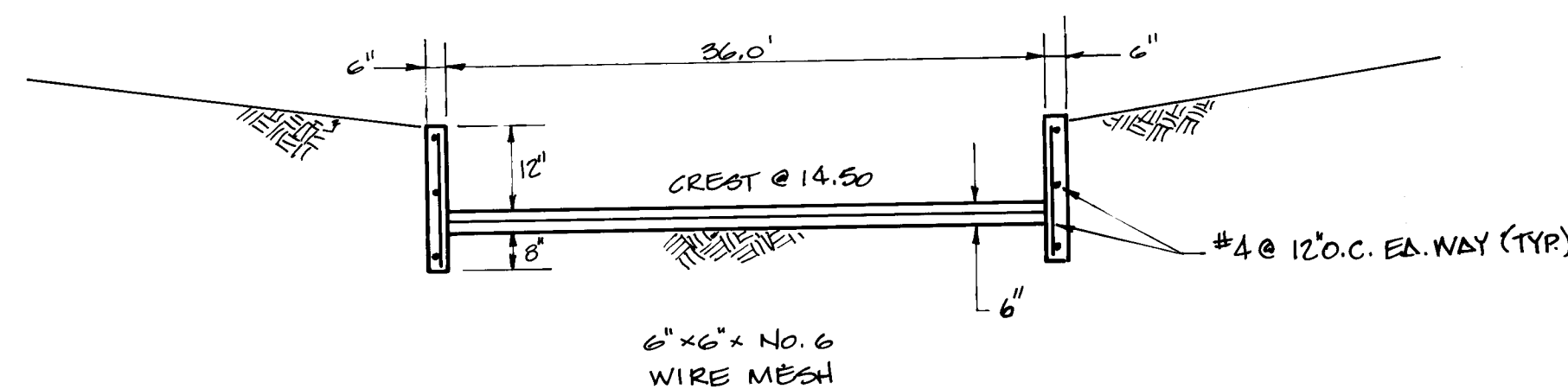
CMU RETAINING WALL DETAIL "G"



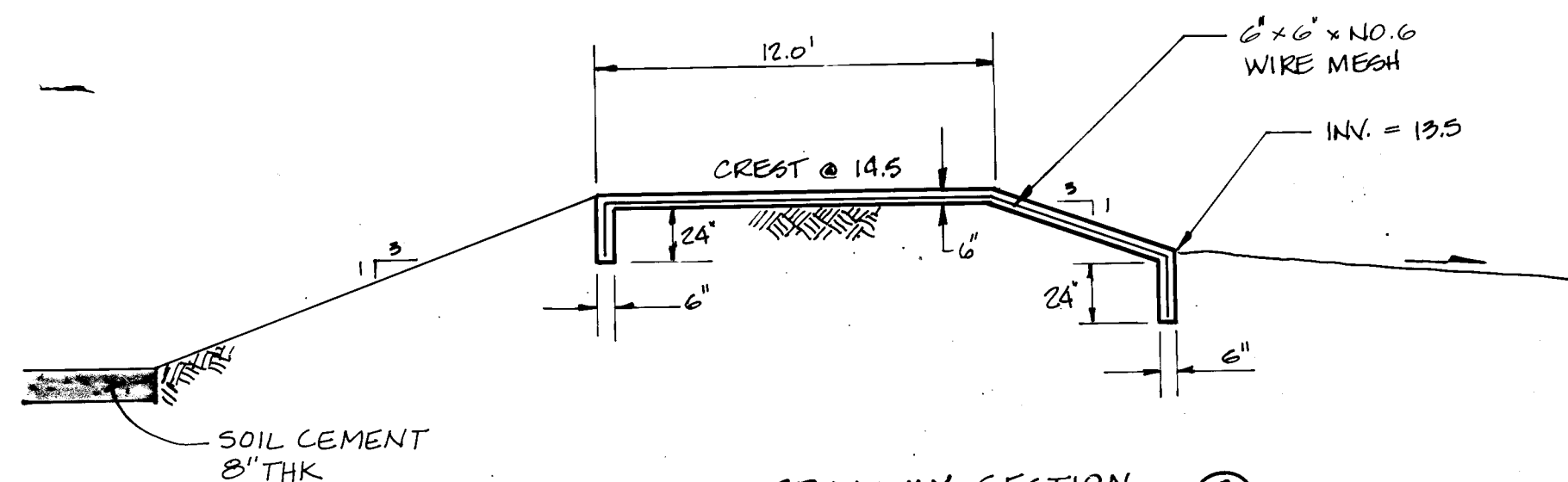
ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
Professional Engineer Seal for T. R. Raster, No. 17282, State of Texas		FIELD NOTES		The station is located on the west mesa under power lines running NE-SW, in the middle of pylons #76-2, approximately 0.2 miles north of Ladera Drive N.W., and approximately 111 feet west of the centerline of User Boulevard N.W. The station mark is an ACS brass tablet set in concrete 0.6 feet above the ground stamped "2-H9 1980". MSLD ELEVATION = 5207.23			
		NO.	BY	DATE			
		1.	Topographic and Design surveys by Espey, Huston & Assoc., Inc.	2/87			
REVISIONS		DESIGN		MICRO-FILM INFORMATION			
DESIGNED BY		DATE		DATE			
DRAWN BY		DATE		DATE			
CHECKED BY		DATE		DATE			
AS BUILT INFORMATION		BENCH MARKS		AS BUILT INFORMATION			



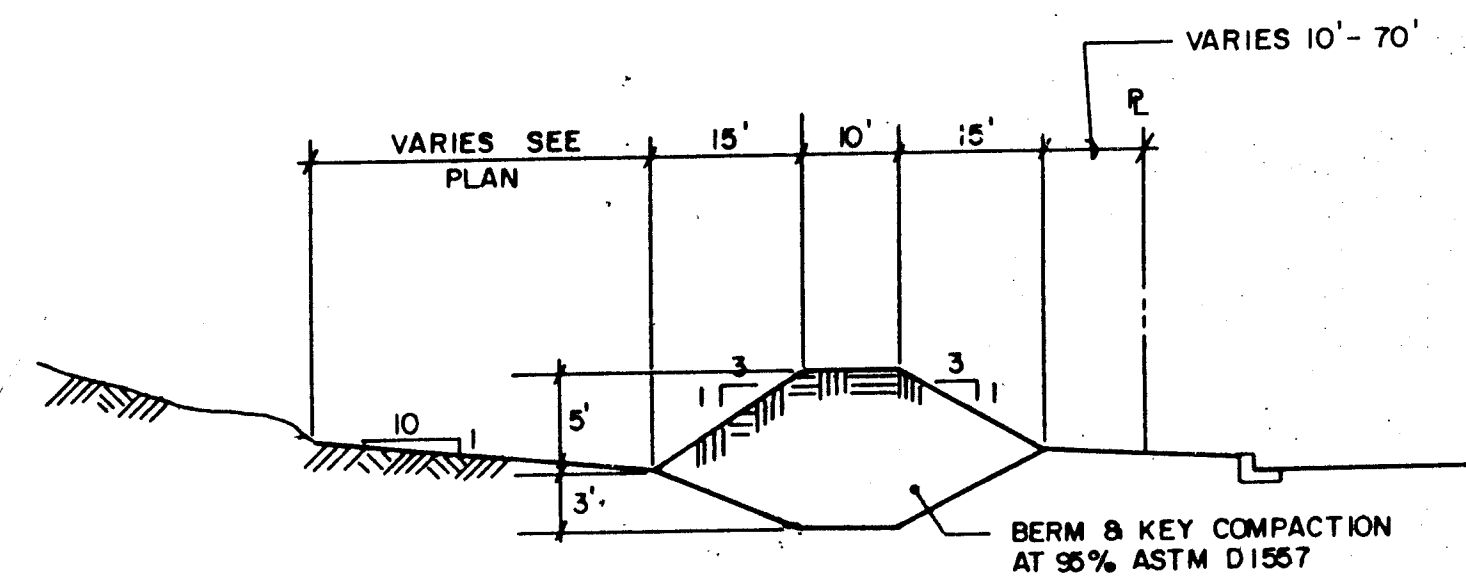
INTERIM RETENTION POND SECTION
1" = 2' V.



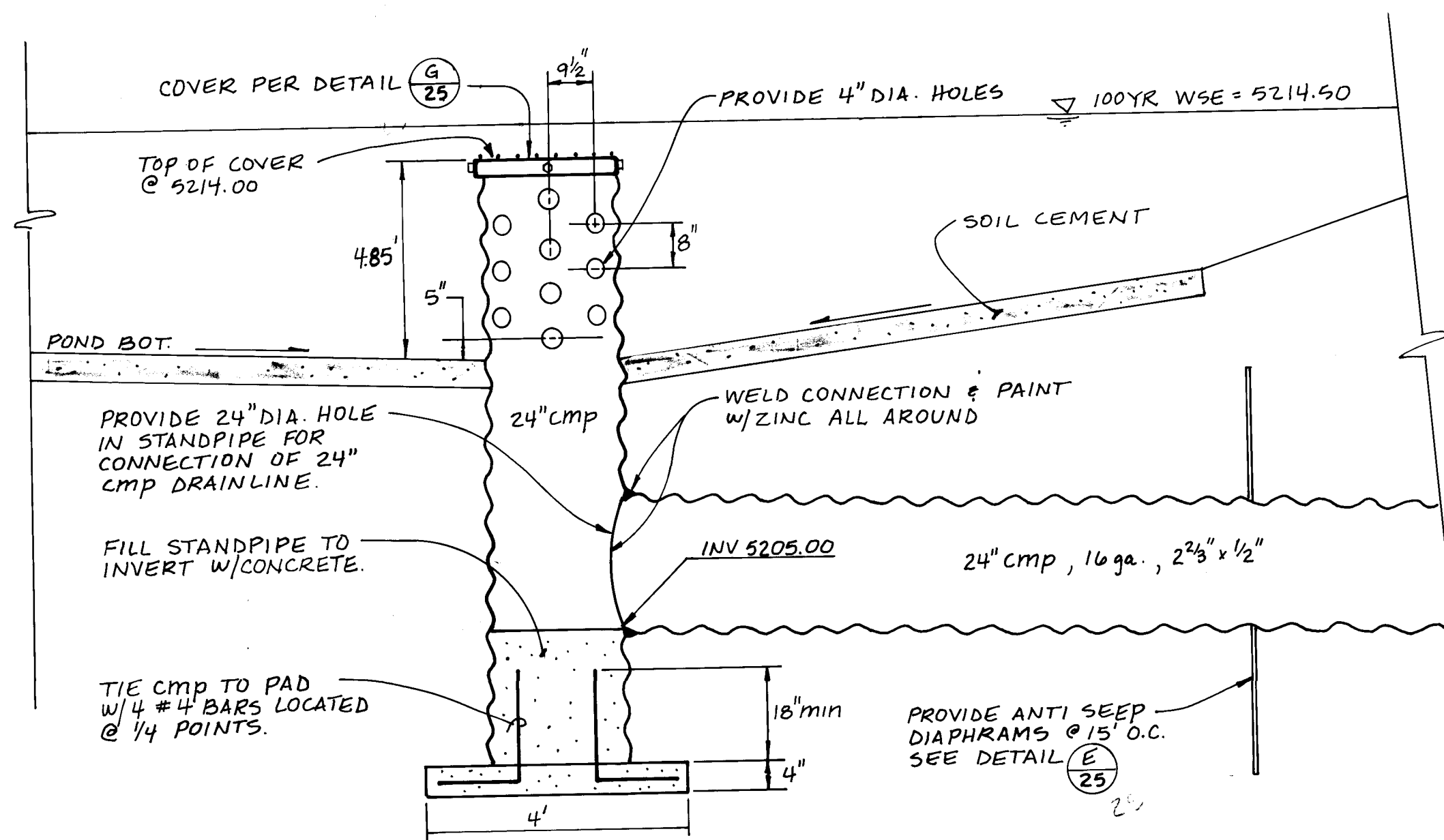
SPILLWAY SECTION
1" = 10' H. 1" = 2' V.



SPILLWAY SECTION
1" = 5'

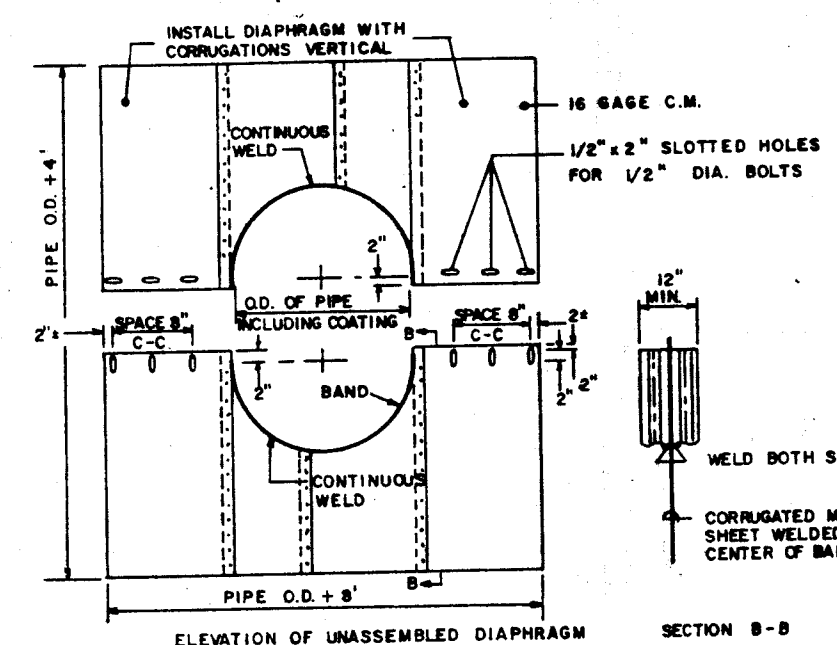


TRAINER DIKE SECTION
1" = 20' HORZ. 1" = 5' VERT.

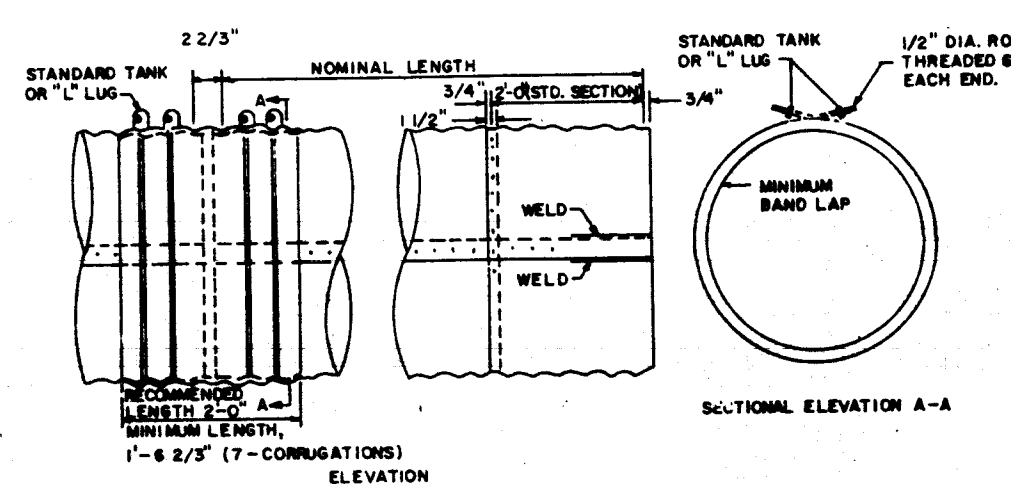


PERFORATED STANDPIPE DETAIL
1" = 2'-0"

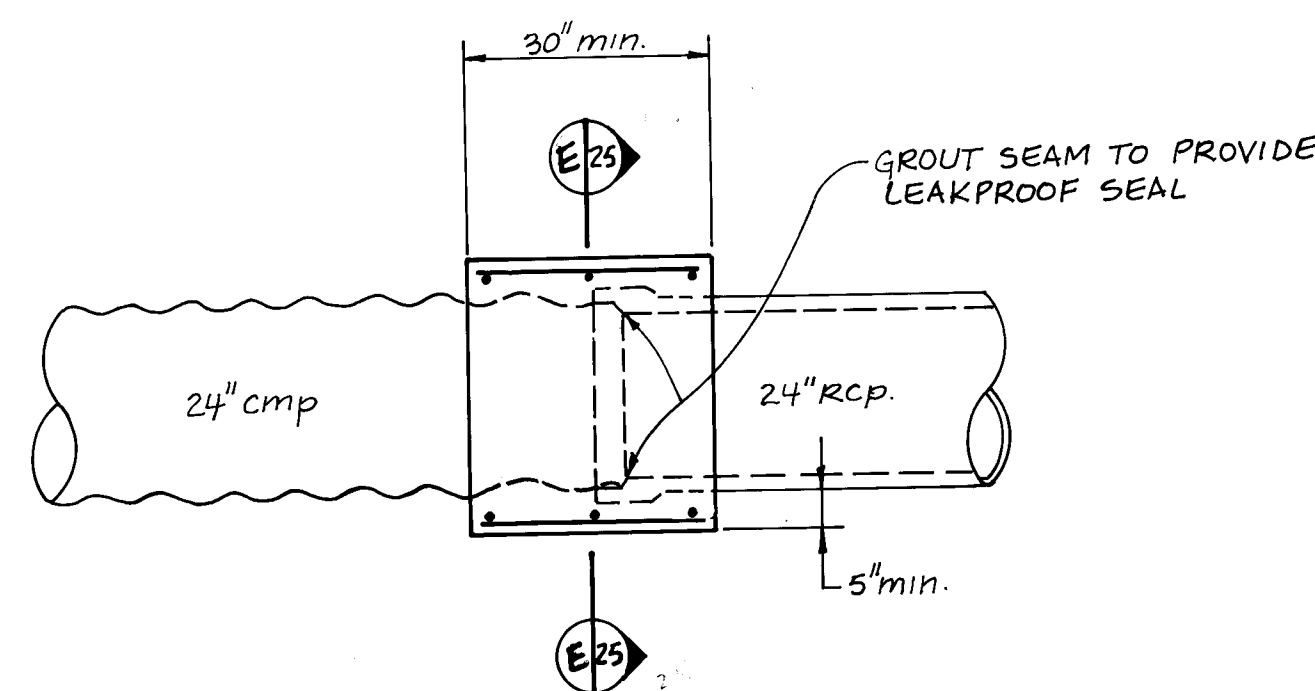
- NOTES FOR DIAPHRAGMS:
- All materials to be in accordance with construction and construction materials specifications.
 - When specified on the plans, coating of diaphragms shall be in accordance with construction and construction material specifications.
 - Unassembled diaphragms shall be marked by painting or tagging to identify matching pairs.
 - The lap between the two half sections and between the pipe and connecting band shall be caulked with asphalt mastic at time of installation.
 - Each diaphragm shall be furnished with two 1/2" Dia. rods with standard tank lugs for connecting diaphragms to pipe.



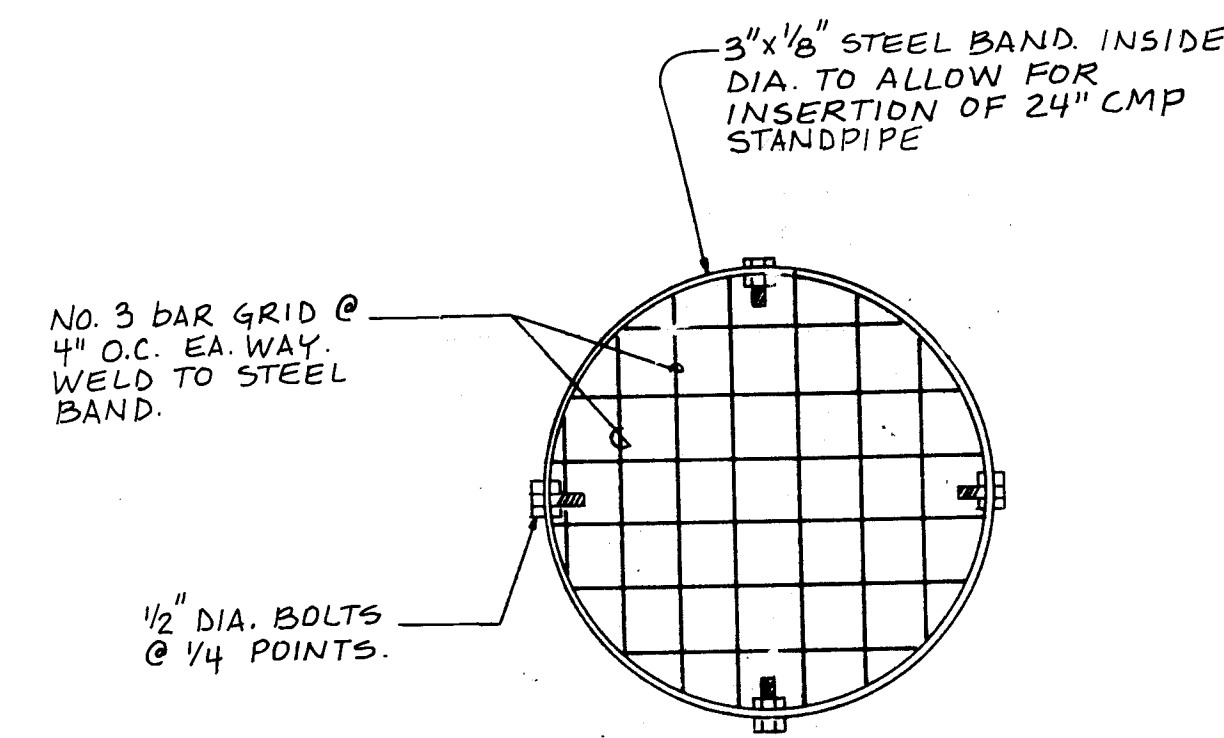
CMP DIAPHRAGM DETAIL
NTS.



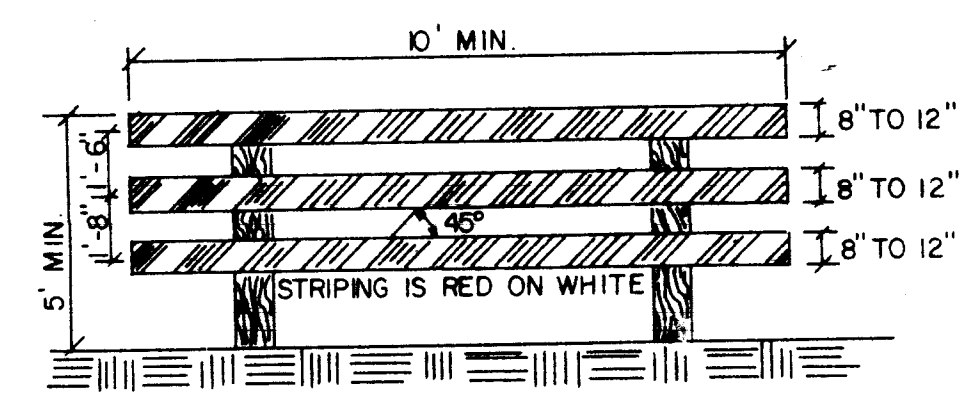
CMP WATERTIGHT COUPLING BAND DETAIL
NTS.



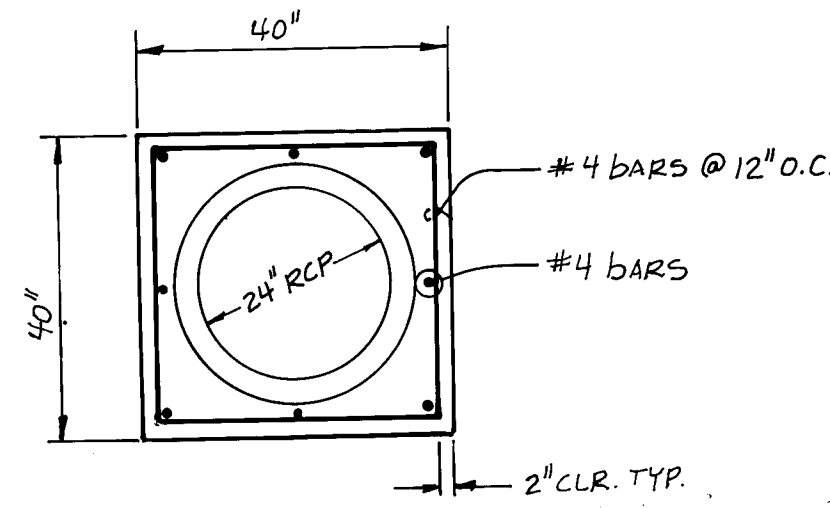
CMP/RCP CONNECTION DETAIL
1" = 2'-0"



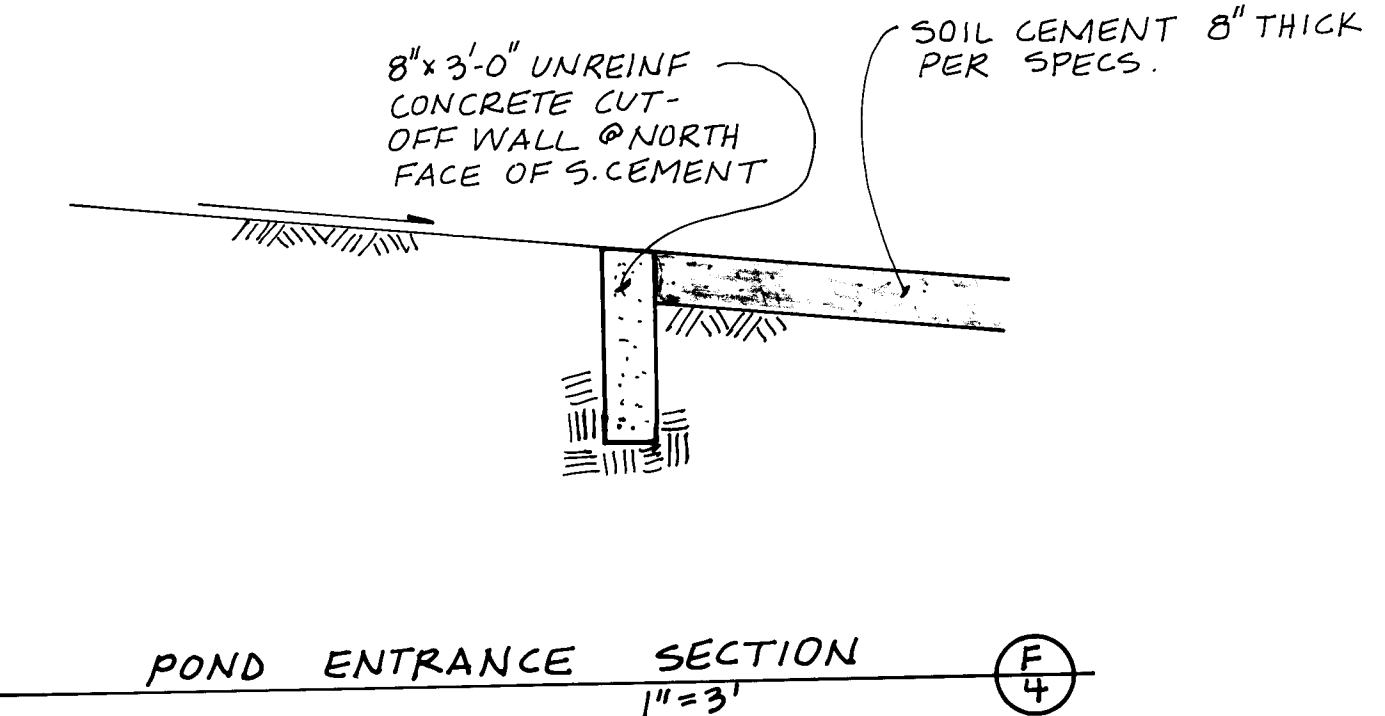
STANDPIPE COVER DETAIL
1" = 1'-0"



TYPE III BARRICADE DETAIL
N.T.S.



SECTION
1" = 2'-0"



POND ENTRANCE SECTION
1" = 3'

SCANNED BY LASON

BRASHER ENGINEERING INC.
11930 MENAUL BLVD. NE SUITE 111
ALBUQUERQUE, NEW MEXICO 87112
(505) 296-0422

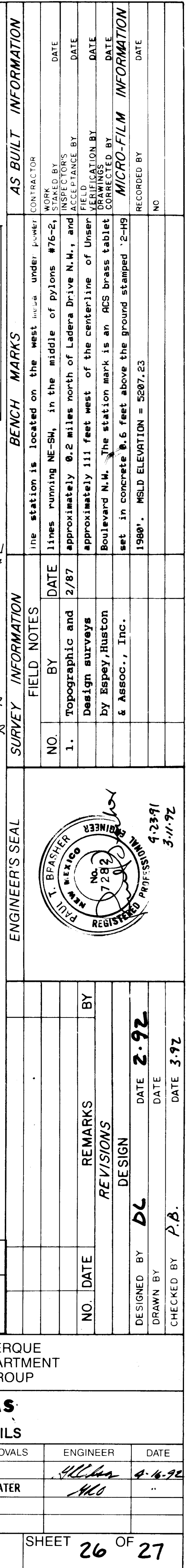
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

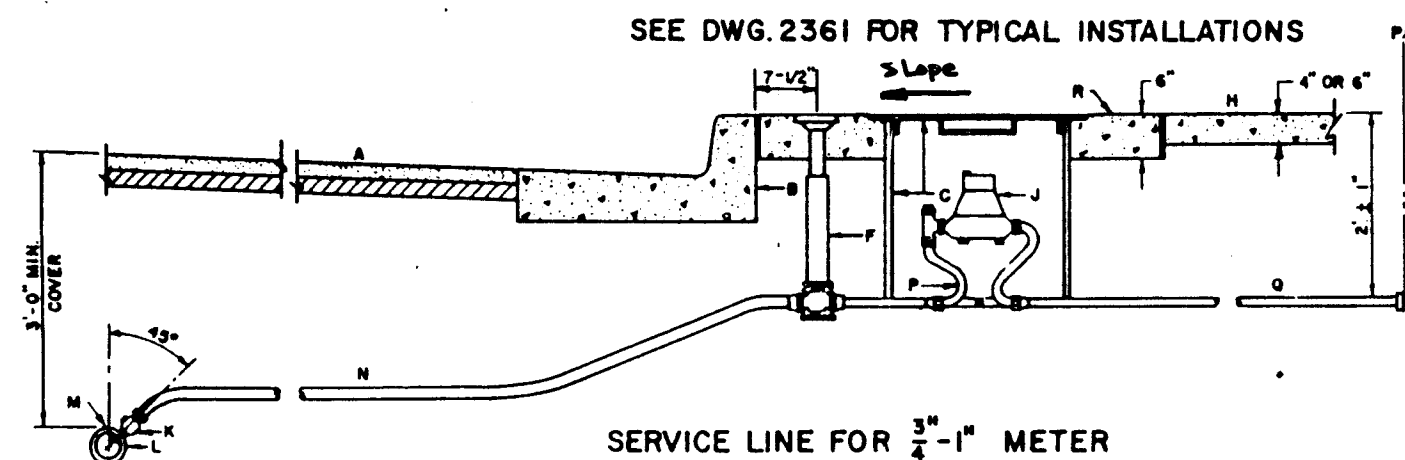
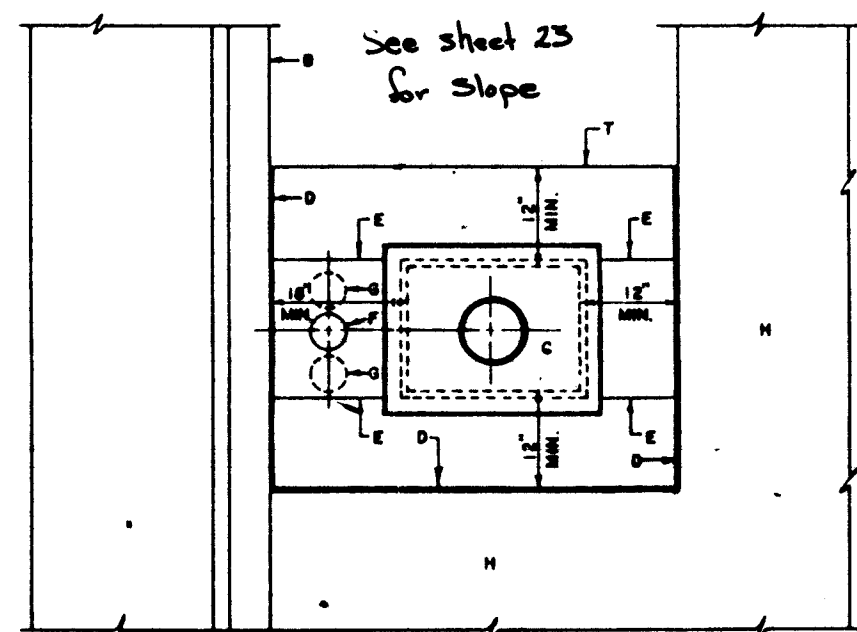
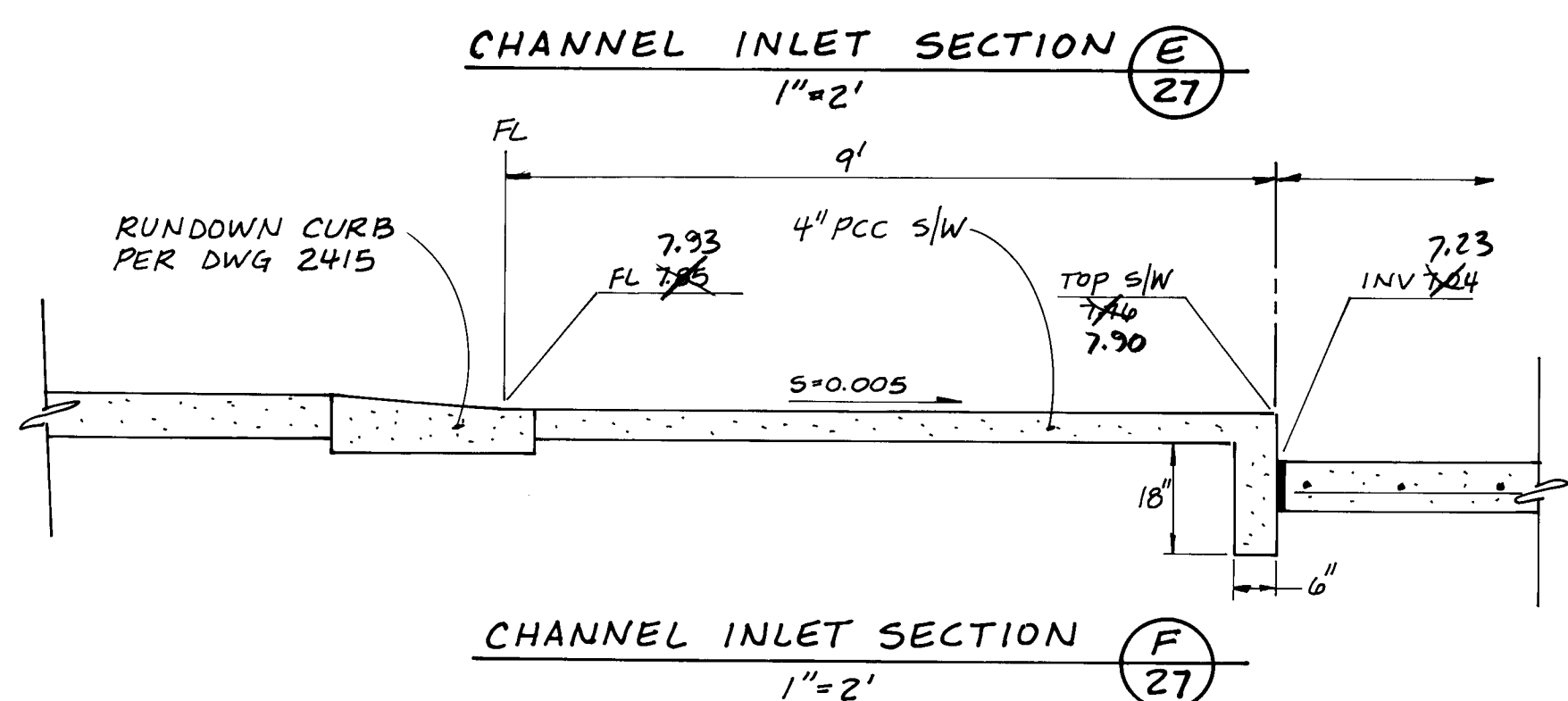
TITLE: LAS LOMITAS
DRAINAGE DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	R. J. [Signature]	4-16-92	WATER	[Signature]	4-16-92
TRANSPORTATION	[Signature]	4-07-92	WASTEWATER	[Signature]	
HYDROLOGY	[Signature]	4-06-92			

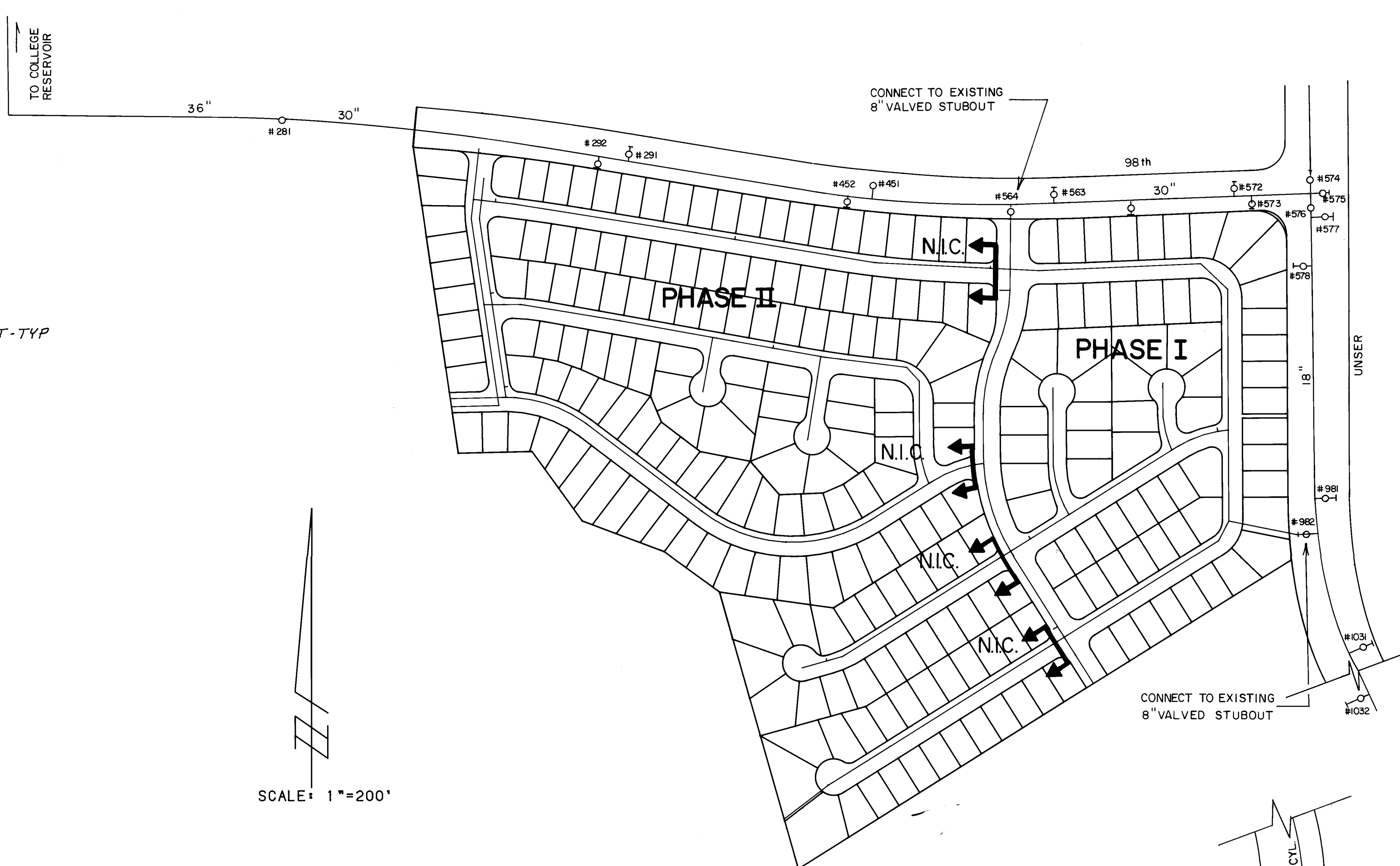
DRAWING NO. 4422.90 MAP NO. H-9 SHEET 25 OF 27

BENCH MARKS		AS BUILT INFORMATION	
The station is located on the west mesa under power lines running NE-SW, in the middle of pylons #75-2, approximately 0.2 miles north of Ladera N.M., and approximately 111 feet west of the centerline of Unser Boulevard N.M. The station mark is an ADS brass tablet set in concrete 9.6 feet above the ground stamped 1988'. WBL ELEVATION = 5207.23		CONTRACTOR: [Signature] DATE: [Signature]	
NO.		DATE	
1.		2/87	
BY		Topographic and Design surveys by Espar, Huston & Assoc., Inc.	
NO.		DATE	
1.		4-23-91	
BY		REGISTERED PROFESSIONAL ENGINEER	
NO.		DATE	
1.		4-23-91	
BY		DESIGNED BY	
NO.		DATE	
1.		4-23-91	
BY		DRAWN BY	
NO.		DATE	
1.		4-23-91	
BY		CHECKED BY	
NO.		DATE	
1.		4-23-91	

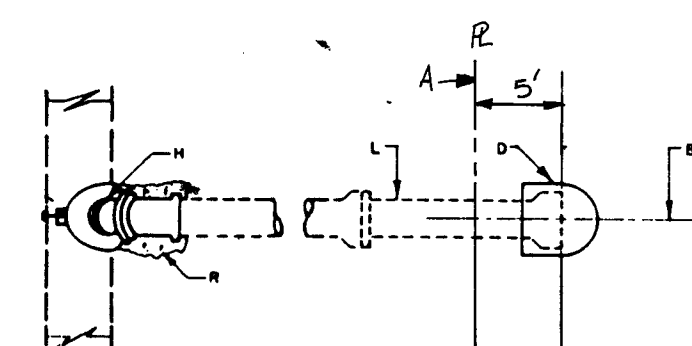




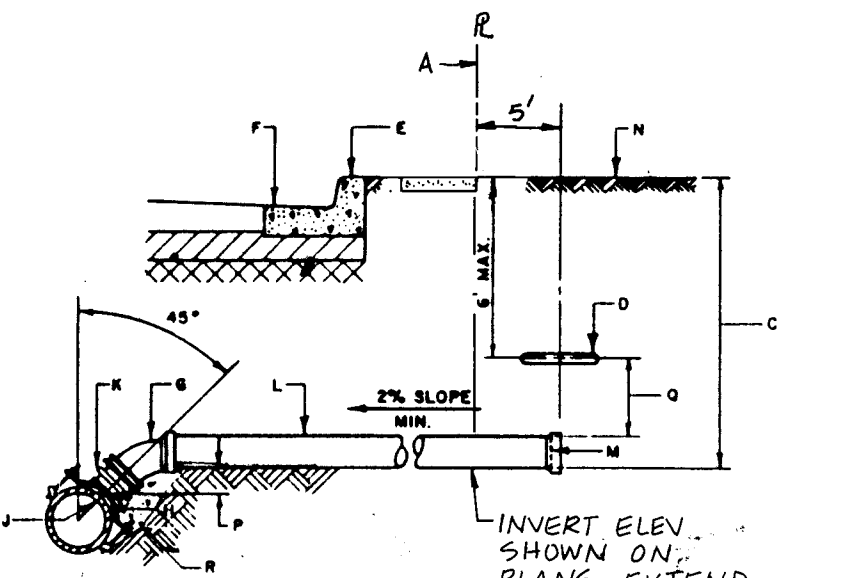
WATER METER LOCATION DETAIL



SCALE: 1"=200'



SERVICE LINE PLAN



CROSS SECTION

GENERAL NOTES:

1. ALL SERVICE LINES SHALL CONFORM TO THE PLUMBING CODE OF CITY OF ALBUQUERQUE AND TO CHAPTER 24 SECTION 2 PART E, DEVEL. PROC. MANUAL.

CONSTRUCTION NOTES:

- A. MOUNT-OF-WAY LINE
- B. SERVICE LINE
- C. M. OF AFT FROM INVENT TO TOP OF CURB
- D. MOUNT-OF-WAY LINE
- D. ELECTRONIC MARKER DISC, COLORED CURBS PLACED ONLY IF SERVICE HOOD-UP IS POST-
- E. STAMP ON CHISEL, 1" SIZE "S" ON TOP OF CURB
- F. CURB AND SERVICE LINE
- G. CURB AND SERVICE LINE
- H. 22.5" OR 45" DEEP
- I. 12" OR 24" DEEP
- J. SYSTEM, OR PILOT HOLE CATCH SYSTEM OR
- K. SERVICE LINE SHALL NOT PROTRUDE INTO SEWE
- K. SANITARY SEWER TAPPING TIE, USING PIONEER OR GENERAL ENGINEERING CO. SADDLES OR
- L. SADDLES, DO NOT USE TIGHTER SADDLES, BOLTS WHICH WOULD PREVENT FREE PASSAGE
- M. SERVICE LINE, (1) C.I. SLO. PIPE, SERVICE WEIGHT
- N. 12" OR 18" OR 24" OR 30" A.D. SCH 40
- O. PLUG OR CAP
- P. ROUND LEVEL
- P. SAME LEVEL OR HIGHER
- Q. APPROX .6" BUT DITCH OF BURIAL SHALL NOT BE MORE THAN 6"
- R. BACKFILL UNDER WITH MIN 1 CUBIC FOOT OF P.C. CONCRETE (SACRIFICET) OR (ALLOY ALUMINA)

WATER SHUT-OFF NOTES

CONNECTIONS AT 98TH AND UNSER
SHALL BE MADE SIMULTANEOUSLY.

1. CONNECT TO EXISTING VALVED STUBOUTS #564 AND #982.
2. IF MASTER PLAN LINE SHUTDOWN IS NECESSARY, CLOSE VALVES #281 (30" IN. UNSER. AT 98TH ST.) #3063 (18" IN. UNSER.) AND #574 (24" IN. UNSER AT 98TH).
3. VALVES, FIRE HYDRANTS AND APPURTENANCES OF CITY WATER SYSTEM TO BE OPERATED BY CITY PERSONNEL ONLY.
4. CITY SHALL BE NOTIFIED 3 WORKING DAYS IN ADVANCE OF DESIRED SHUT-OFF. PHONE 857-8200

SCANNED BY
BY LASON

BRASHER ENGINEERING INC.

11930 MENAUL BLVD. NE SUITE 11.
ALBUQUERQUE, NEW MEXICO 87112
(505) 296-0422

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **LAS LOMITAS**

LAS LOMITAS

WATER SHUT-OFF PLAN MISC. DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>[Signature]</i>	4-16-92	WATER	<i>[Signature]</i>	4-16-92
TRANSPORTATION	<i>[Signature]</i>	4-07-92	WASTEWATER	<i>[Signature]</i>	..
HYDROLOGY	<i>[Signature]</i>	4-06-92			
DRAWING NO.	4422.90		MAP NO.	H-9	
			SHEET	27	OF 27

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS	AS BUILT INFORMATION	
		FIELD NOTES		The station is located on the west mesa under power lines running NE-SW, in the middle of pylons #76-2, approximately 0.2 miles north of Ladera Drive N.M., and approximately 111 feet west of the centerline of Unser Boulevard N.M. The station mark is an AIS brass tablet set in concrete 0.6 feet above the ground stamped "2-H9 1980". MSLD ELEVATION = 5207.23		
		NO.	BY	DATE	WORK ORDER NO.	DATE
		1.	Topographic and Design surveys by Espey, Ruston & Assoc., Inc.	2/87	DRAWN BY SKETCHED BY ACCEPTANCE BY	DATE
					FIELD MEASUREMENTS BY	DATE
					CORRECTED BY	DATE
					MICRO-FILM INFORMATION	DATE
					RECORDED BY	DATE
					NO	

3/1/92

P.B.

3/92