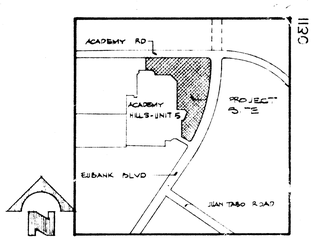
EL PASEO
TOWN HOUSES
GRUPE DEVELOPMENT COMPANY



VICINITY MAP

"NOTICE TO CONTRACTORS"

1. NEW MEXICO STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 1978 EDITION, SHALL BE REFERRED TO HEREIN AS THE "STANDARD SPECIFICATION".
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL BE MADE EXCEPT AS OTHERWISE STATED OR PROVIDED HEREIN, BE CONSTRUCTED TO ACCEPTANCE BY THE CONTRACT DOCUMENTS, THE CITY OF ALBUQUERQUE AND EACH OF THE SPECIFICATIONS AND THE STANDARD SPECIFICATION.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION CONTRACTOR MUST CONTACT THE LOCATION SERVICE "CLICK-ESA" FOR LOCATION OF UNDERGROUND UTILITIES.
4. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONTACT POINTS. SHOULD A CONFLICT EXIST THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.

THE FOLLOWING NOTES 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.
- [ ] IF CURB IS DEPRESSED FOR A DRIVEWAY, THE SIDEWALK SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
- [ ] ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- [ ] PAINT A BLUE REFLECTOR ADJACENT TO THE FIRE HYDRANT. THE COLOR BLUE SHALL BE EQUIVALENT TO SAFETY BLUE.

APPROVAL OF AS BUILT DRAWINGS
ASST. CITY ENGINEER, RCD
W. A. McGuire
DATE 2/26/85

PLANS FOR SITE GRADING, WATER & SEWER

INDEX TO DRAWINGS

1. COVER SHEET
2-4. RECORD PLAT
5. GRADING PLAN
6. COMPOSITE UTILITY PLAN
7-10 WATER/SEWER PLAN & PROFILE SHEETS
11-13 BUS BAY/TURN BAY DETAILS (STREET P&P FOR INFORMATION ONLY)

NOTE: SHEET NO. 10 DELETED

13A, 13B, 13C PAVING ITEMS
L4, L5, L6 GRADING PLAN, DRAINAGE & RETAINING WALLS

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

APPROVED FOR CONSTRUCTION
Roland S. Wilde 10/26/84
CITY ENGINEER DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO (PHASE I)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
CITY ENGINEER	[illegible]	7/30/81	SOLID WASTE	[illegible]	7/31/81
A.C.E. - DESIGN	[illegible]	" "	TRAFFIC	[illegible]	7/31/81
A.C.E. - INTERCEPTOR	[illegible]	7 27 81	WATER	[illegible]	7/31/81

DRAWING NO	MAP NO	SHEET	OF
1130	E-21	1	13

1130

SP-05-81-0847

81 46737

PLAT OF
EL PASEO
Albuquerque, New Mexico

(A Replat of Tr.A, ACADEMY HILLS SUBDIVISION, UNIT 5)

MAY, 1981

DISCLOSURE STATEMENT

The purpose of this Plat is to locate proposed easements on Tract "A", Summary Plat of Academy Hills Subdivision, Unit 5, filed May 30, 1978, and to grant utility easements as shown hereon, and to dedicate the turn bay area and bus bay area as shown hereon. Capped Rebar were set at the exterior property corners unless otherwise designated.

NOTE: Approval of and filing with the County Clerk of Bernalillo County of this Plat does not vacate or in anyway affect public or private easements, except as shown on this Plat.

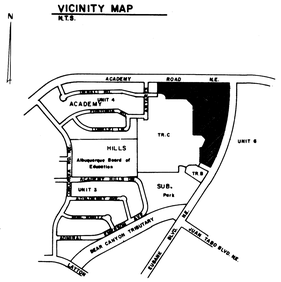
NOTES:

1. Tract "A" contains 12.2655 Acres.
2. Lot 113 is Common Area and includes Parking Spaces.
3. Lot 113 will be conveyed to and maintained by a Mandatory Homeowners' Association.
4. All lots shall have an easement across Lot 113 for utilities and access, except that use of such easement shall not interfer with the planned use of Lot 113 for driveways, parking, swimming pool, special landscaping and similar uses.
5. Garages are 11' X 23' and are shown thus: 27A
6. A Garage will be conveyed with the residential lot, having the same number.
7. Lot lines do not necessarily coincide with building lines.
8. Bearings shown hereon are refferenced to the Summary Plat of Academy Hills Subdivision, Unit 5, filed May 30, 1978.
9. B. M. used for construction purposes is 1-E21 A, Elevation = 5642.71.

EASEMENTS

1. Water Meter Easements are designated "W M" (See Typical Drawing Sheet 3).
2. Fire Hydrant Easements are designated "F H" (See Typical Drawing Sheet 3).
3. The Water Resources Dept. of the City of Albuquerque shall have the exclusive right to place underground utilities within 6 feet of the center-line of a sewerline and within 4 feet of the center-line of a waterline in all areas within Lot 113 designated as private drives, except for perpendicular crossings or where written approval has been obtained. Those entities having the right for perpendicular crossings of said easement shall include but not be limited to the Gas Co. of N. M., Mountain States Tel. & Tel. Co., Public Service Co. of N. M., & Albuquerque Cable Television, Inc. The Water Resources Dept. is hereby granted an access easement over and across the areas within Lot 113 designated as private drives for the installation, service and maintenance of City Water and Sewer Lines and their appurtenances.
4. Transformer Easements are designated "T" and are 15' X 15'

VICINITY MAP
N.T.S.



State of New Mexico } SS
County of Bernalillo
This instrument was filed for record on
AUG 3 1 1981
22 o'clock PM. Recorded in Vol. ____
of records of said County no ____
Clerk & recorder
Deputy Clerk

DESCRIPTION:

A Replat of Tract lettered "A" of the Summary Plat of ACADEMY HILLS SUBDIVISION, UNIT 5, an Addition to the City of Albuquerque, New Mexico, as the same is shown and designated on the Plat thereof, filed in the office of the County Clerk of Bernalillo County, New Mexico, on May 30, 1978. (Now being EL PASEO)

FREE CONSENT AND DEDICATION

The undersigned owner(s) and Proprietor(s) of the property described hereon do hereby consent to the Platting of said property as shown hereon and do hereby dedicate the Public Utility Easements as shown hereon and do hereby dedicate the widening of Academy Road N.E. as shown hereon for a right turn bay area and the widening of Eubank Blvd. N.E. as shown hereon for a bus bay area and the same are with free consent and in accordance with their desires.

STATE SAVINGS AND LOAN
BY: [signature]

GRUPE CONSTRUCTION WEST, INC.
BY: [signature] PRESIDENT

ACKNOWLEDGEMENT

STATE OF CALIFORNIA }
COUNTY OF SAN JOAQUIN } SS

On this 9TH day of JUNE, 19 81, the foregoing instrument was acknowledged before me by JEFFREY W. WAMELTON, SR. VICE PRES. AND JUDGE MANAGER, FINCL. SUPERV. OF STATE SAVINGS AND LOAN ASSN. FRANK H. PASSADORE PRES. OF GRUPE CONSTRUCTION WEST, INC.

My commission expires January 11, 1984

[signature] Notary Public

OFFICIAL SEAL
LOUISE GONZALEZ
NOTARY PUBLIC - CALIFORNIA
SAN JOAQUIN COUNTY
My commission Expires Jan 11, 1984

SURVEYOR'S CERTIFICATE

I, Verlon E. Hall, New Mexico Registered Land Surveyor No. 3241, do hereby certify that this Plat was prepared by me or under my supervision, meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, shows all easements of record, (unless otherwise noted on this Plat), and is true and correct to the best of my belief and knowledge.

Verlon E. Hall
Verlon E. Hall, N.M.L.S. No. 3241

SP-81-260 APPROVED AND ACCEPTED BY:
Subdivision No. - City Zone Atlas E-21-Z

Planning Director	8-31-81 Date
City Engineer	8/25/81 Date
Traffic Engineer	6-30-81 Date
Water Resources Dept.	7/1/81 Date
A.M.A.F.C.A.	7/27/81 Date
Parks & Recreation Dept.	7-1-81 Date
Property Management	8/18/81 Date
Chief City Surveyor	7-1-81 Date
Public Service Company	6-30-81 Date
Mountain Bell	7/6/81 Date
Gas Company	8/18/81 Date
Refuse Removal	Date

Sheet 1 of 4

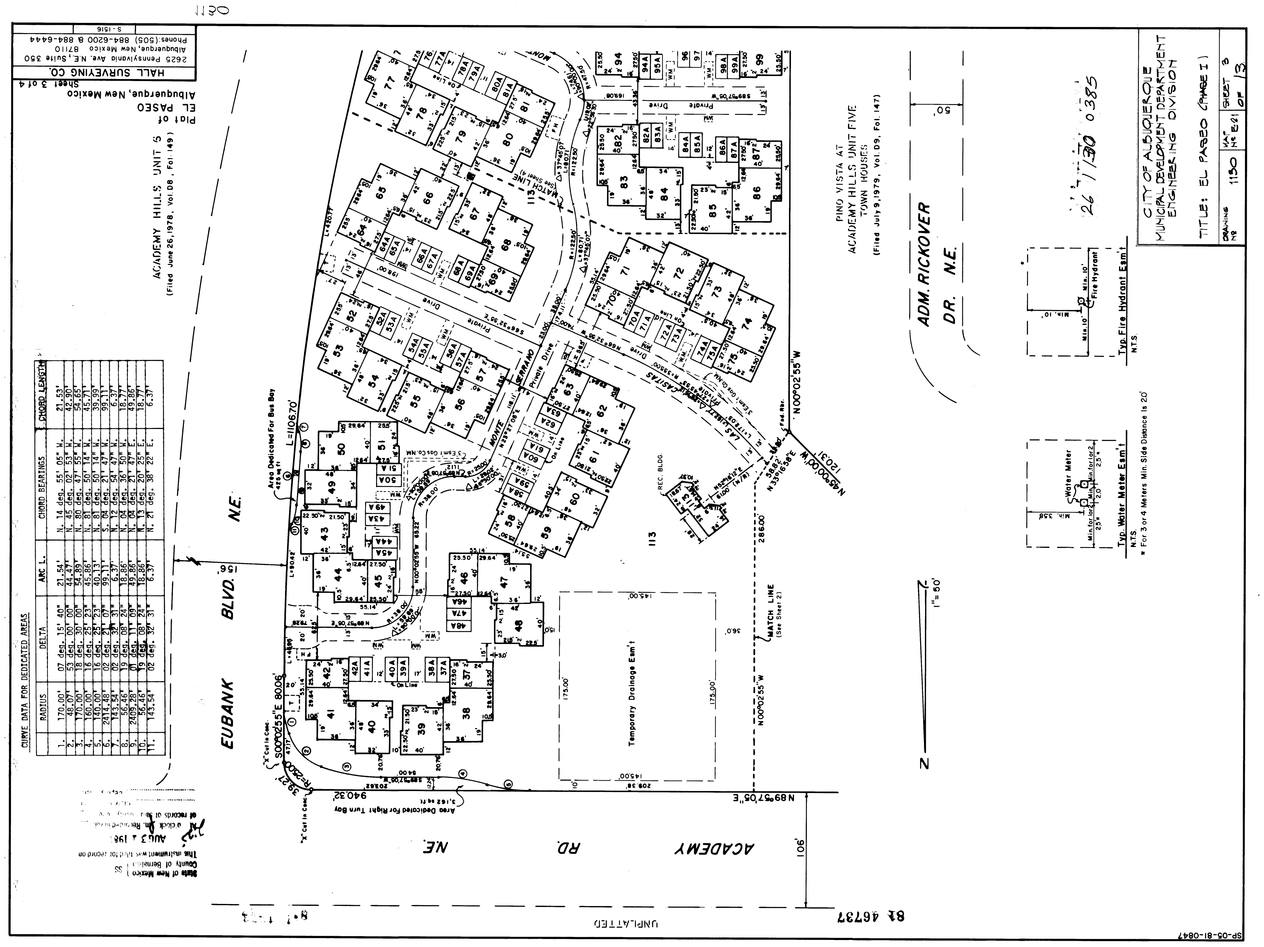
HALL SURVEYING CO.
2625 Pennsylvania Ave N.E., Suite 350
Albuquerque, New Mexico 87110
Phones: (505) 884-6200 & 884-6444
5-1516
Client: Grupe Development Co.

26 1130 0285

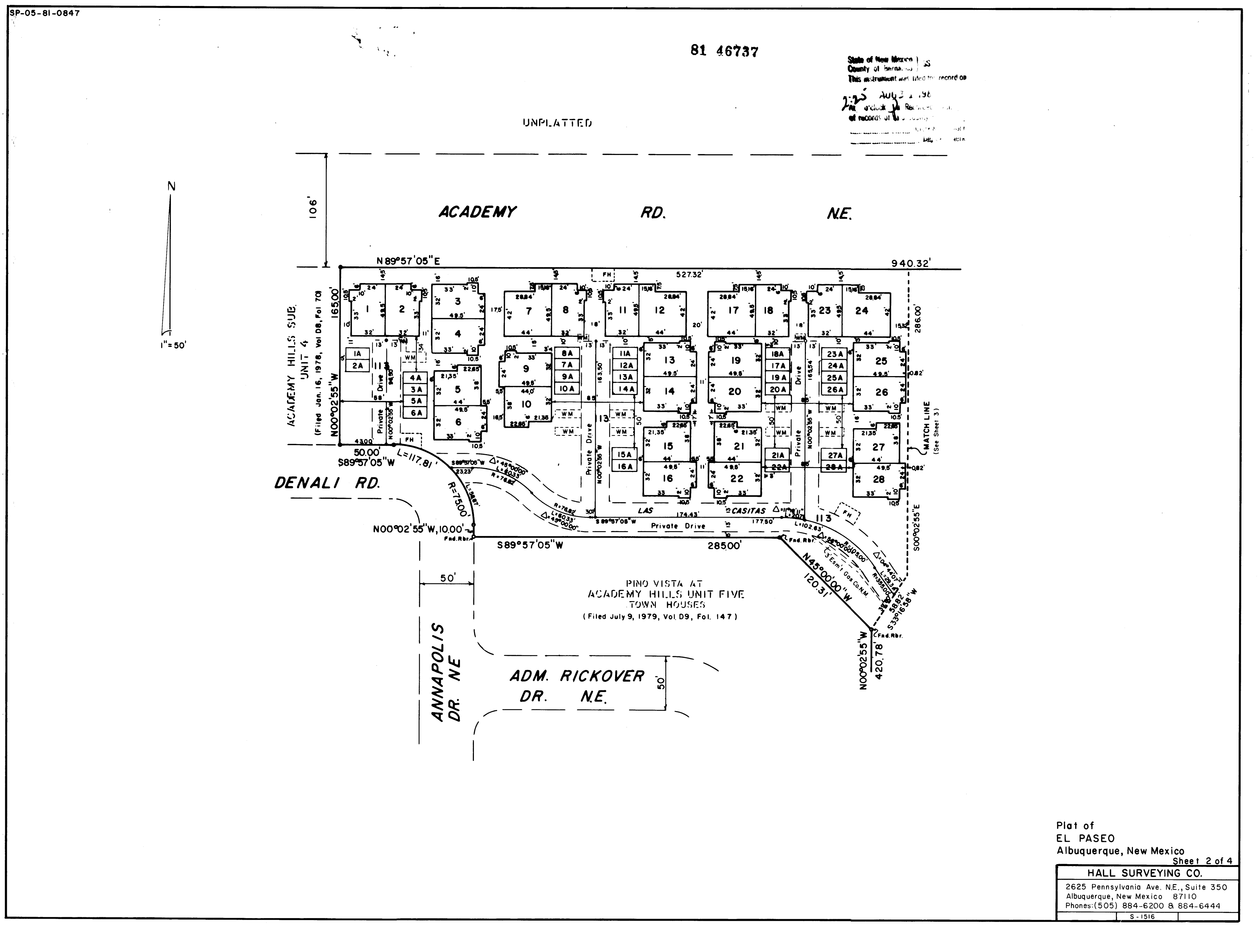
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO (PHASE I)

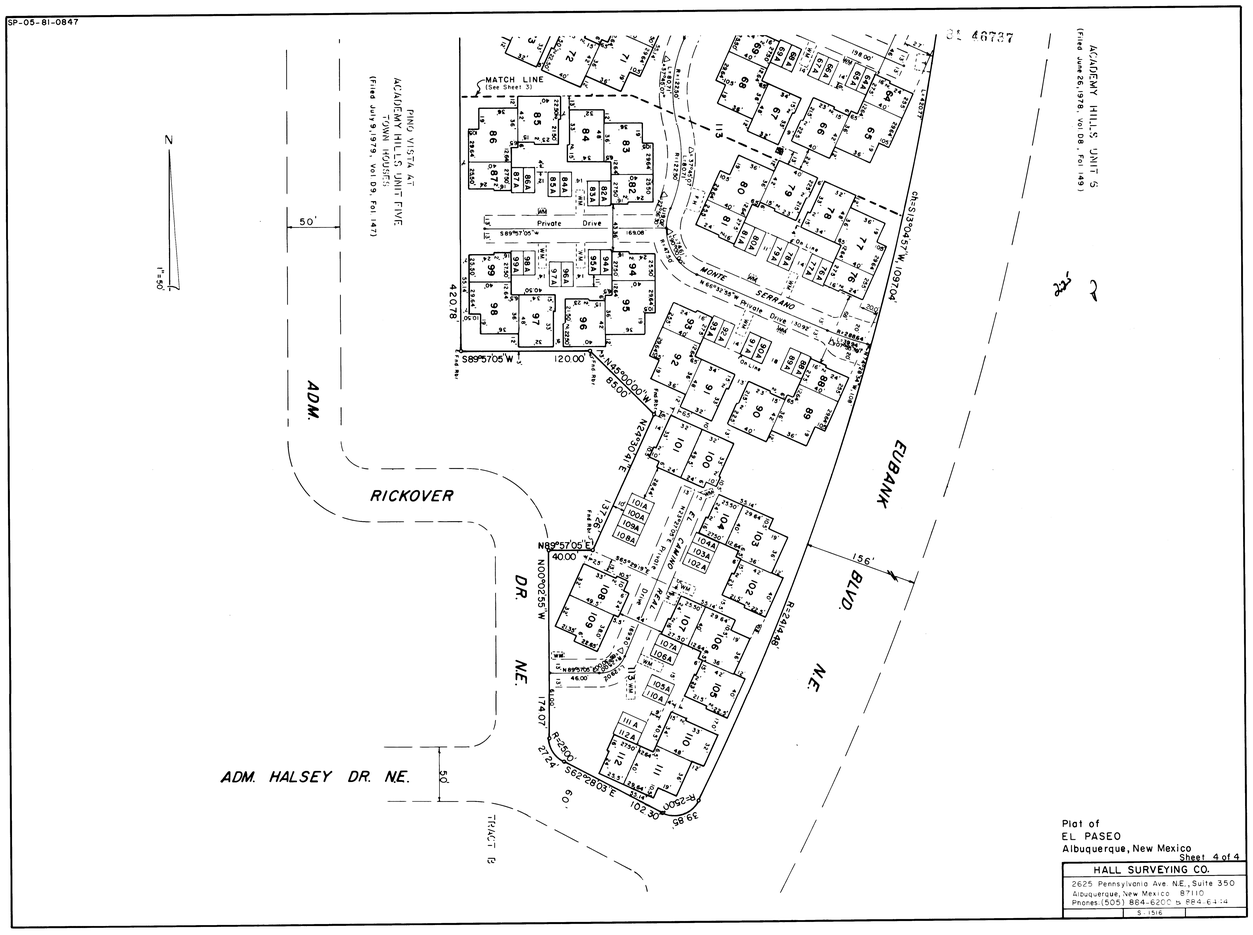
DRAWING No	VAT No	SHEET
1130	E-21	2 OF 13


ACADEMY HILLS UNIT 5
(Filed June 26, 1978, Vol. 08, Fol. 149)
Plat of
EL PASEO
Albuquerque, New Mexico
Sheet 3 of 4
HALL SURVEYING CO.
2625 Pennsylvania Ave. N.E., Suite 350
Albuquerque, New Mexico 87110
Phones: (505) 884-6200 & 884-6444
S-1516
CURVE DATA FOR DEDICATED AREAS
EUBANK BLVD. N.E.
ACADEMY RD. NE
UNPLATTED
81 46737
PINO VISTA AT
ACADEMY HILLS UNIT FIVE
TOWN HOUSES
(Filed July 9, 1979, Vol. 09, Fol. 147)
ADM. RICKOVER DR. N.E.
Temporary Drainage Eem't
Area Dedicated For Bus Bay
Area Dedicated For Right Turn Bay
MATCH LINE (See Sheet 2)
Typ. Fire Hydrant Eem't
Typ. Water Meter Eem't
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION
TITLE: EL PASEO (PHASE I)
DRAWING NO. 1130
SHEET 3 OF 13

SP-05-81-0847


81 46737
UNPLATTED
ACADEMY RD. NE.
N 89°57'05"E
940.32'
ACADEMY HILLS SUB. UNIT 4
(Filed Jan. 16, 1978, Vol. 08, Fol. 70)
DENALI RD.
ANNAPOLIS DR. NE
ADM. RICKOVER DR. NE.
PINO VISTA AT
ACADEMY HILLS UNIT FIVE
TOWN HOUSES
(Filed July 9, 1979, Vol. 09, Fol. 147)
LAS CASITAS
Private Drive
MATCH LINE (See Sheet 3)
Plat of
EL PASEO
Albuquerque, New Mexico
Sheet 2 of 4
HALL SURVEYING CO.
2625 Pennsylvania Ave. N.E., Suite 350
Albuquerque, New Mexico 87110
Phones: (505) 884-6200 & 884-6444
S-1516

SP-05-81-0847

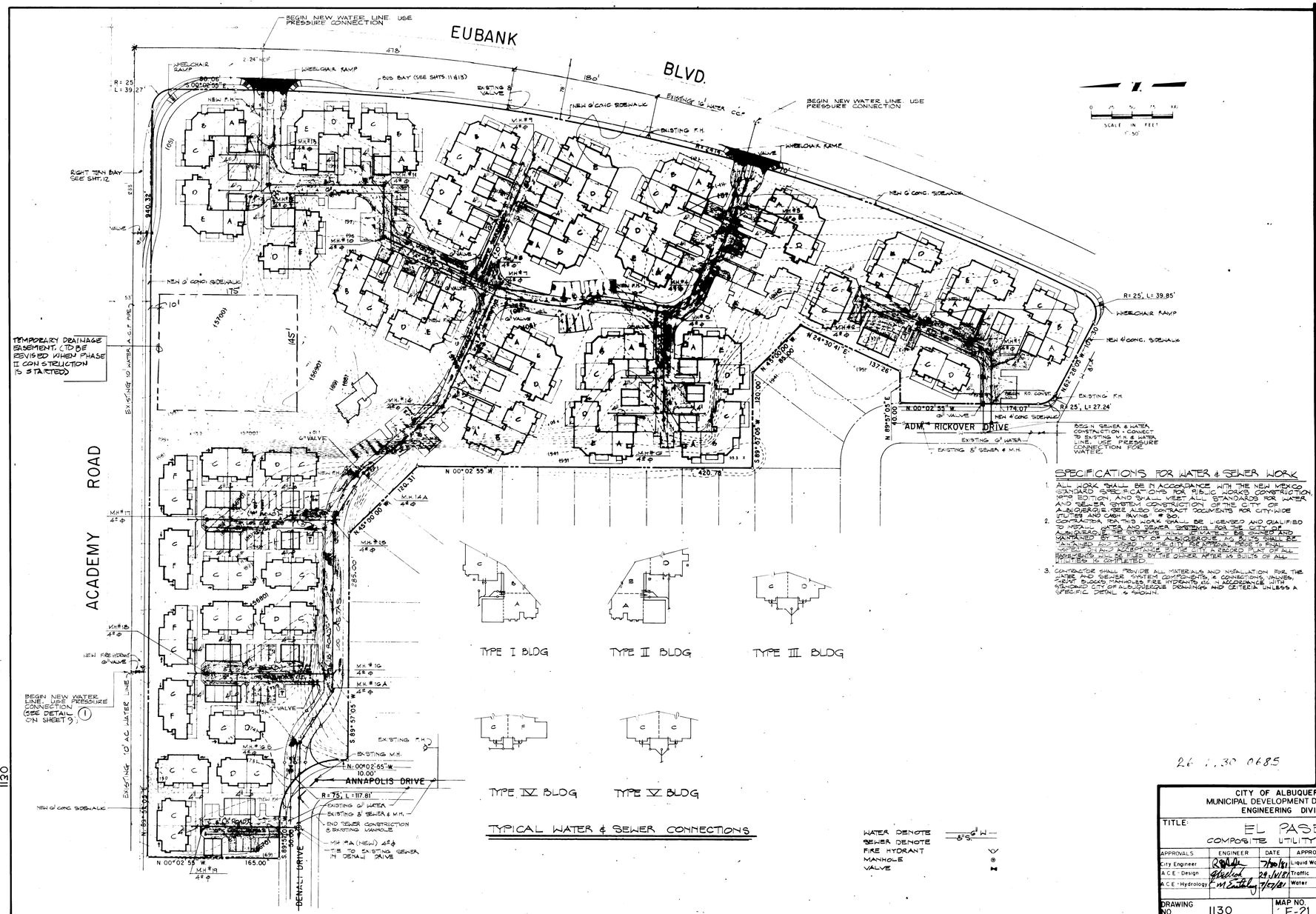


26 1130 0485

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO (PHASE I)

DRAWING No	MAP No	SHEET
1130	E21	4 OF 13



TYPICAL WATER & SEWER CONNECTIONS

WATER DENOTE
SEWER DENOTE
FIRE HYDRANT
MANHOLE
VALVE

SPECIFICATIONS FOR WATER & SEWER WORK

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1970 EDITION, AND SHALL MEET ALL STANDARDS FOR WATER AND SEWER SYSTEM CONSTRUCTION OF THE CITY OF ALBUQUERQUE. SEE ALSO CONTRACT DOCUMENTS FOR CITY-WIDE UTILITIES AND CASH PAYING # 80.
2. CONTRACTOR FOR THIS WORK SHALL BE LICENSED AND QUALIFIED TO INSTALL WATER AND SEWER SYSTEMS FOR THE CITY OF ALBUQUERQUE. THE SYSTEMS INSTALLED WILL BE OWNED AND MAINTAINED BY THE CITY OF ALBUQUERQUE. AS BUILTS SHALL BE PREPARED AND SIGNED BY THE CITY REPRESENTATIVE & FINAL VERIFICATION AND ACCEPTANCE BY THE CITY. A SEALED PLAT OF ALL EASEMENTS MUST BE FILED BY THE OWNER AFTER AS BUILTS OF ALL UTILITIES ARE COMPLETED.
3. CONTRACTOR SHALL PROVIDE ALL MATERIALS AND INSTALLATION FOR THE WATER AND SEWER SYSTEM COMPONENTS, & CONNECTIONS, VALVES, GREAT SLOPED MANHOLES, FIRE HYDRANTS ETC. IN ACCORDANCE WITH STANDARD CITY OF ALBUQUERQUE DRAWINGS AND CRITERIA UNLESS A SPECIFIC DETAIL IS SHOWN.

26 1.30 0685

AS BUILT INFORMATION
CONTRACTOR: N/A
START: N/A COMPLETE: N/A
AS BUILT BY: M. GONZALES DATE: 5-4-81
REVIEWED ON BEHALF OF OWNER BY: R. MONTOYA DATE: 8/6
REVIEWED ON BEHALF OF CONTRACTOR BY: D. DUGAN DATE: 11/30/81
MICRO-FILM INFORMATION
MICROFILMED BY: DATE:
NO:

BENCH MARKS

DM LOCATED AT THE INTERSECTION OF R/A LINES OF ACADEMY ROAD (NORTH) AND CONCHA OKA ROAD (EAST). TOP OF BRASS CAP ELEVATION = 5590.0, 55.

DM LOCATED 275' SO. NORTH OF THE S.E. CORNER OF LOT 28, UNIT 4, ACADEMY HILLS. TOP OF BRASS CAP ELEVATION = 5580.42.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	9/9/81	60% PLANS	M.M.L.

REVISIONS

DESIGN

DESIGNED BY DESIGN PROFESSIONALS DATE 12-15-80
DRAWN BY M.M.L. DATE 12-15-80
CHECKED BY R.H.A. DATE 5-4-81

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO
COMPOSITE UTILITY PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[illegible]	7/10/81	Liquid Waste	[illegible]	7/13/81
A.C.E.-Design	[illegible]	7/8/81	Traffic	R.H.A.	
A.C.E.-Hydrology	[illegible]	7/27/81	Water	[illegible]	7/13/81

DRAWING NO.	MAP NO.	SHEET	OF
1130	E-21	6	13

1130

EUBANK BLVD.

ACADEMY ROAD

ADM. RICKOVER DRIVE

ANNAPOLIS DRIVE

DENALI DRIVE

TEMPORARY DRAINAGE EASEMENT.
(TO BE REVISED WHEN PHASE I CONSTRUCTION IS STARTED.)

EIGHT TURN BAY SEE SHEET 12 FOR DETAILS

NEW 6' CONC. SIDEWALK

WHEELCHAIR RAMPS

2-24" NCP EXIST. NOT TO BE PLUGGED UPSTREAM BY OTHERS. IN C/W OF ALBUQUERQUE SPECIAL ASSESSMENT DISTRICT INFRASTRUCTURE (JULY 1981) BUS BAY SEE SHTS. 11 & 13 FOR DETAILS

SCALE IN FEET 1"=50'

LEGEND

EXISTING CONTOURS
NEW CONTOURS
GARAGE PADS
UNIT PADS
PARKING SPACES

NOTE: SEE SHEETS L-4 L-5 AND L-6 OF ARCHITECTS DRWGS FOR GRADING AND RETAINING WALLS. THIS SHEET FOR GENERAL INFORMATION ONLY

INTERIOR SITE RETAINING WALLS

NOTES:
1. GROUT ALL CELLS SOLID.
2. PROVIDE JOINT REINFORCING IN ALTERNATE COURSES.

MATERIAL PROPERTIES
CONCRETE :: F_c = 3 KSI
REINFORCING :: F_y = 60 KSI
SOIL :: q_a = 2000 PSF

SECTION A-A

SITE PERIMETER RETAINING WALL.

26 1107 0585

AS BUILT INFORMATION	
CONTRACTOR	DATE
FIELD VERIFICATION BY M. GONZALES	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD LOCATION BY M. D. MONTOYA	DATE 3/22
DRAWINGS REVISED BY E. DURAN	DATE 6/25
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO	

BENCH MARKS

BM 1 LOCATED AT THE INTERSECTION OF S/W LINES OF ACADEMY ROAD (NORTH) AND CONCORDIA ROAD (EAST). TOP OF BRASS CAP ELEVATION = 5598.55.

BM 2 LOCATED 479.50' SOUTH OF THE S.E. CORNER LOT 28, UNIT 4, ACADEMY HILLS SUBD. TOP OF BRASS CAP ELEVATION = 5580.42.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REVISIONS	BY
1	3/4/81	REVISED	M.M.L.

REMARKS

DESIGN

DESIGNED BY DRG'N PROFESSIONALS DATE 12-15-80
DRAWN BY M.M.L. DATE 12-15-80
CHECKED BY R.H.A. DATE 5-4-81

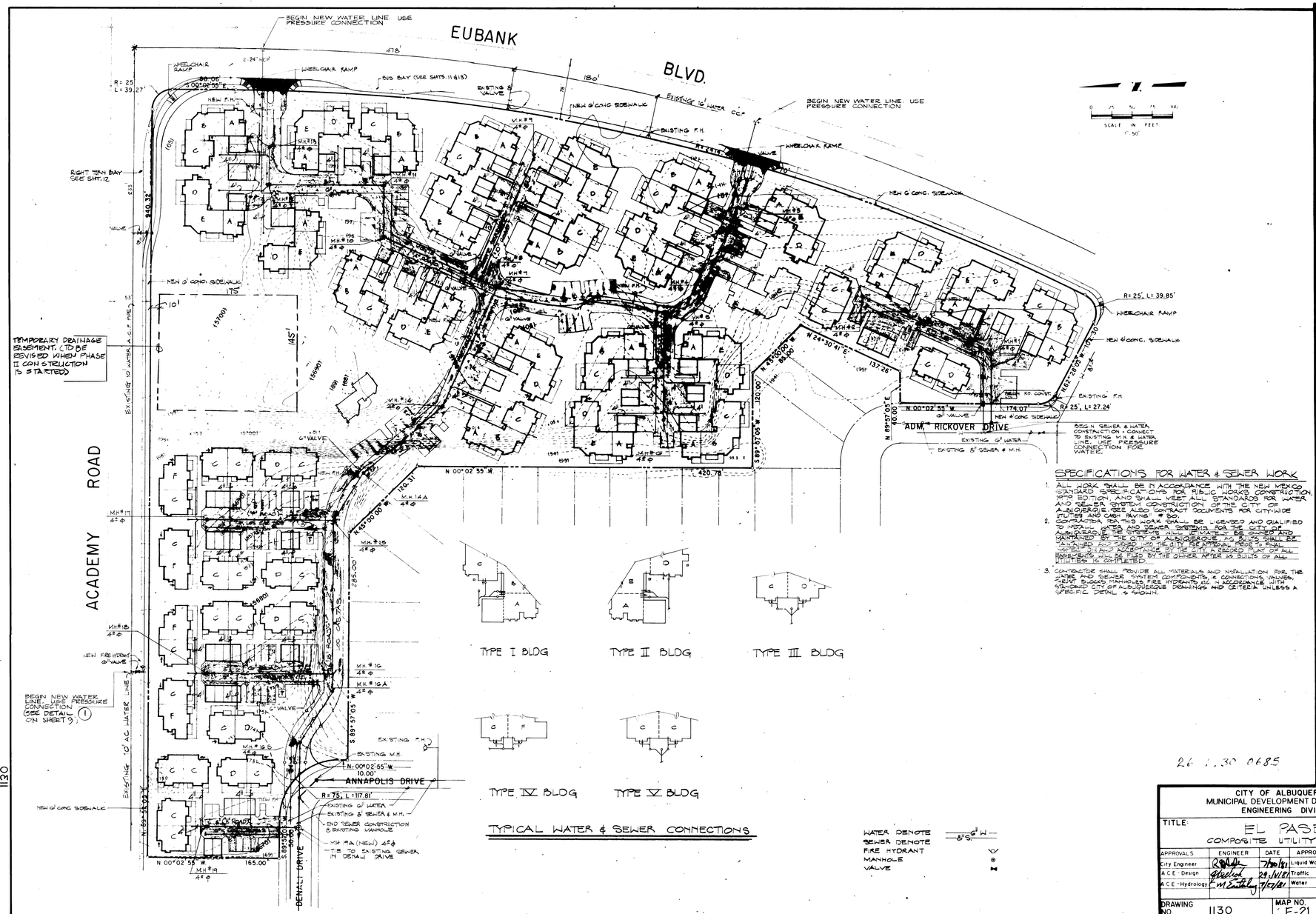
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO
GENERAL GRADING PLAN (SEE SHEETS L-4, L-5 & L-6)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/30/81	Liquid Waste		7/15/81
C.E.-Design		7/14/81	Traffic		7/14/81
C.E.-Hydrology		7/14/81	Water		7/15/81

DRAWING NO. 1130 | MAP NO. E-21 | SHEET 5 OF 13

1130



TYPICAL WATER & SEWER CONNECTIONS

WATER DENOTE
SEWER DENOTE
FIRE HYDRANT
MANHOLE
VALVE

SPECIFICATIONS FOR WATER & SEWER WORK

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1970 EDITION, AND SHALL MEET ALL STANDARDS FOR WATER AND SEWER SYSTEM CONSTRUCTION OF THE CITY OF ALBUQUERQUE. SEE ALSO CONTRACT DOCUMENTS FOR CITY-WIDE UTILITIES AND CASH PAYING # 80.
2. CONTRACTOR FOR THIS WORK SHALL BE LICENSED AND QUALIFIED TO INSTALL WATER AND SEWER SYSTEMS FOR THE CITY OF ALBUQUERQUE. THE SYSTEMS INSTALLED WILL BE OWNED AND MAINTAINED BY THE CITY OF ALBUQUERQUE. AS BUILTS SHALL BE PREPARED AND SIGNED BY THE CITY REPRESENTATIVE & FINAL VERIFICATION AND ACCEPTANCE BY THE CITY. A SEALED PLAT OF ALL EASEMENTS MUST BE FILED BY THE OWNER AFTER AS BUILTS OF ALL UTILITIES ARE COMPLETED.
3. CONTRACTOR SHALL PROVIDE ALL MATERIALS AND INSTALLATION FOR THE WATER AND SEWER SYSTEM COMPONENTS, & CONNECTIONS, VALVES, GREAT SLOPED MANHOLES, FIRE HYDRANTS ETC. IN ACCORDANCE WITH STANDARD CITY OF ALBUQUERQUE DRAWINGS AND CRITERIA UNLESS A SPECIFIC DETAIL IS SHOWN.

26 1.30 0685

AS BUILT INFORMATION
CONTRACTOR: N/A
START: N/A COMPLETE: N/A
AS BUILT BY: M. GONZALES DATE: 5-4-81
REVIEWED ON BEHALF OF OWNER BY: R. MONTOYA DATE: 8/6
REVIEWED ON BEHALF OF CONTRACTOR BY: D. DUGAN DATE: 11/30/81
MICRO-FILM INFORMATION
MICROFILMED BY: DATE:
NO:

BENCH MARKS

DM LOCATED AT THE INTERSECTION OF R/A LINES OF ACADEMY ROAD (NORTH) AND CONCHA OKA ROAD (EAST). TOP OF BRASS CAP ELEVATION = 5590.0, 55.

DM LOCATED 275' SO. NORTH OF THE S.E. CORNER OF LOT 28, UNIT 4, ACADEMY HILLS. TOP OF BRASS CAP ELEVATION = 5580.42.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	9/9/81	60% PLANS	M.M.L.

REVISIONS

DESIGN

DESIGNED BY DESIGN PROFESSIONALS DATE 12-15-80
DRAWN BY M.M.L. DATE 12-15-80
CHECKED BY R.H.A. DATE 5-4-81

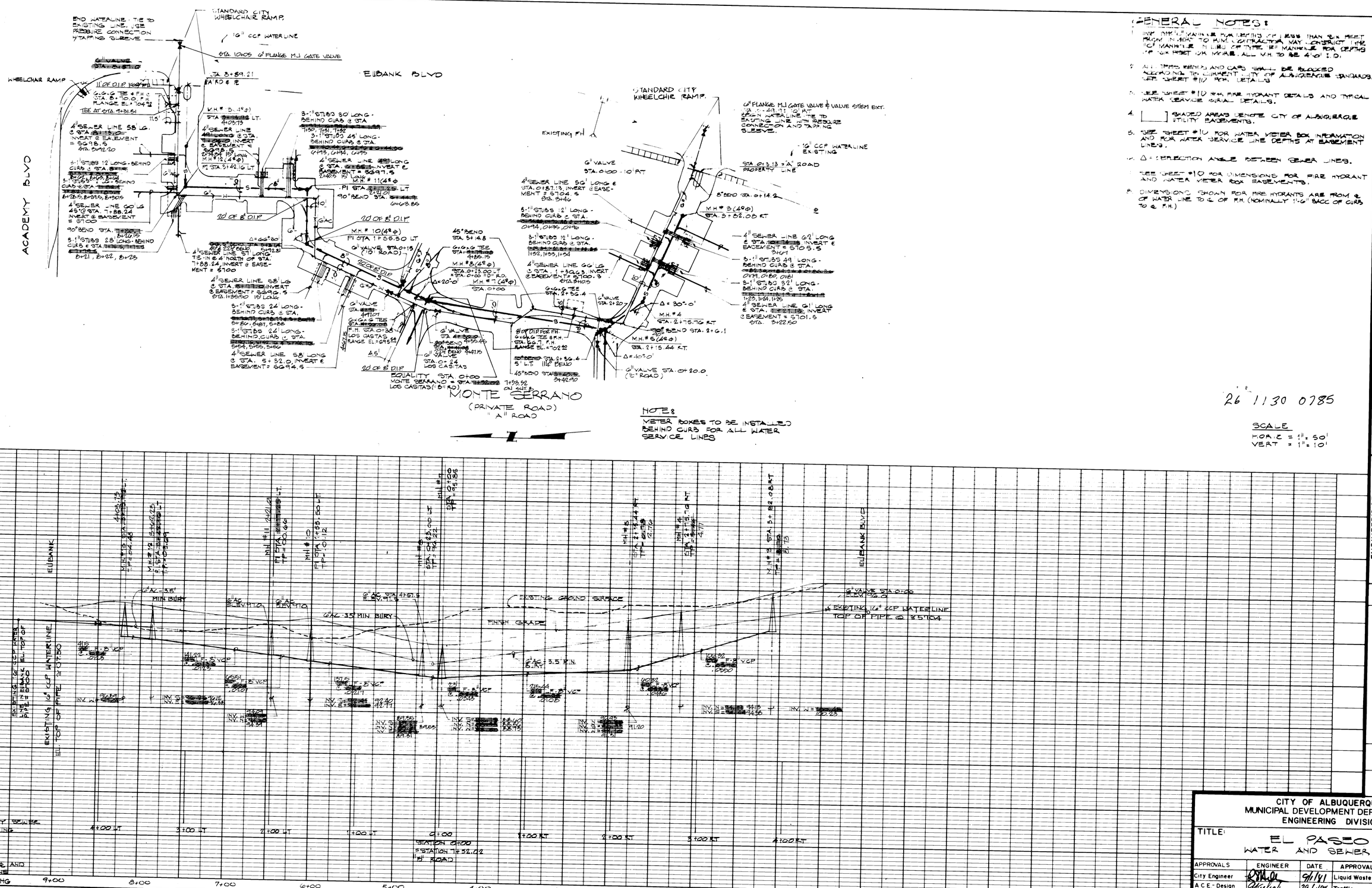
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO
COMPOSITE UTILITY PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[illegible]	7/10/81	Liquid Waste	[illegible]	7/13/81
A.C.E.-Design	[illegible]	7/8/81	Traffic	R.H.A.	
A.C.E.-Hydrology	[illegible]	7/27/81	Water	[illegible]	7/13/81

DRAWING NO.	MAP NO.	SHEET	OF
1130	E-21	6	13

1130



GENERAL NOTES:

1. ONE MANHOLE MAY BE PLACED AT A DEPTH OF LESS THAN 8.0 FEET FROM INVERT TO RIM. CONTRACTOR MAY CONSTRUCT THE "C" MANHOLE (TYPE III) OR TYPE III MANHOLE FOR DEPTHS OF 10.0 FEET OR MORE. ALL M.H. TO BE 4'-0" I.D.
2. ALL TEES, BENDS AND CAPS SHALL BE BLOCKED ACCORDING TO CURRENT CITY OF ALBUQUERQUE STANDARDS. SEE SHEET #11 FOR DETAILS.
3. SEE SHEET #10 FOR FIRE HYDRANT DETAILS AND TYPICAL WATER SERVICE SERIAL DETAILS.
4. [ ] SHADED AREAS DENOTE CITY OF ALBUQUERQUE UTILITY EASEMENTS.
5. SEE SHEET #10 FOR WATER METER BOX INFORMATION AND FOR WATER SERVICE LINE DEPTHS AT EASEMENT LINES.
6. Δ = DEFLECTION ANGLE BETWEEN SEWER LINES.
7. SEE SHEET #10 FOR DIMENSIONS FOR FIRE HYDRANT AND WATER METER BOX EASEMENTS.
8. DIMENSIONS SHOWN FOR FIRE HYDRANTS ARE FROM ℄ OF WATER LINE TO ℄ OF F.H. (NOMINALLY 1'-6" BACK OF CURB TO ℄ F.H.)

26 1130 0785

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

NOTE:
METER BOXES TO BE INSTALLED BEHIND CURB FOR ALL WATER SERVICE LINES

AS BUILT INFORMATION	
CONTRACTOR	
WORK STAKED BY	M. GONZALES DATE
AS BUILT BY	DATE
ACCEPTANCE BY	
FIELD VERIFICATION BY	B. MONTOYA DATE 6/01
DRAWINGS CORRECTED BY	R. DURAN DATE 6/01
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO	

BENCH MARKS
BM 1 - LOCATED AT THE INTERSECTION OF R/W LINES OF ACADEMY ROAD (NORTH) AND CONCORDIA ROAD (EAST). TOP OF BRASS CAP ELEVATION = 5578.55.
BM 2 - LOCATED 47ft. 30 SOUTH OF THE S.E. CORNER LOT 28, UNIT 4, ACADEMY HILLS SUBD. TOP OF BRASS CAP ELEVATION = 5660.42.

SURVEY INFORMATION
FIELD NOTES

NO.	DATE	BY

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	9/18/81	REVISE	MHL

REVISIONS

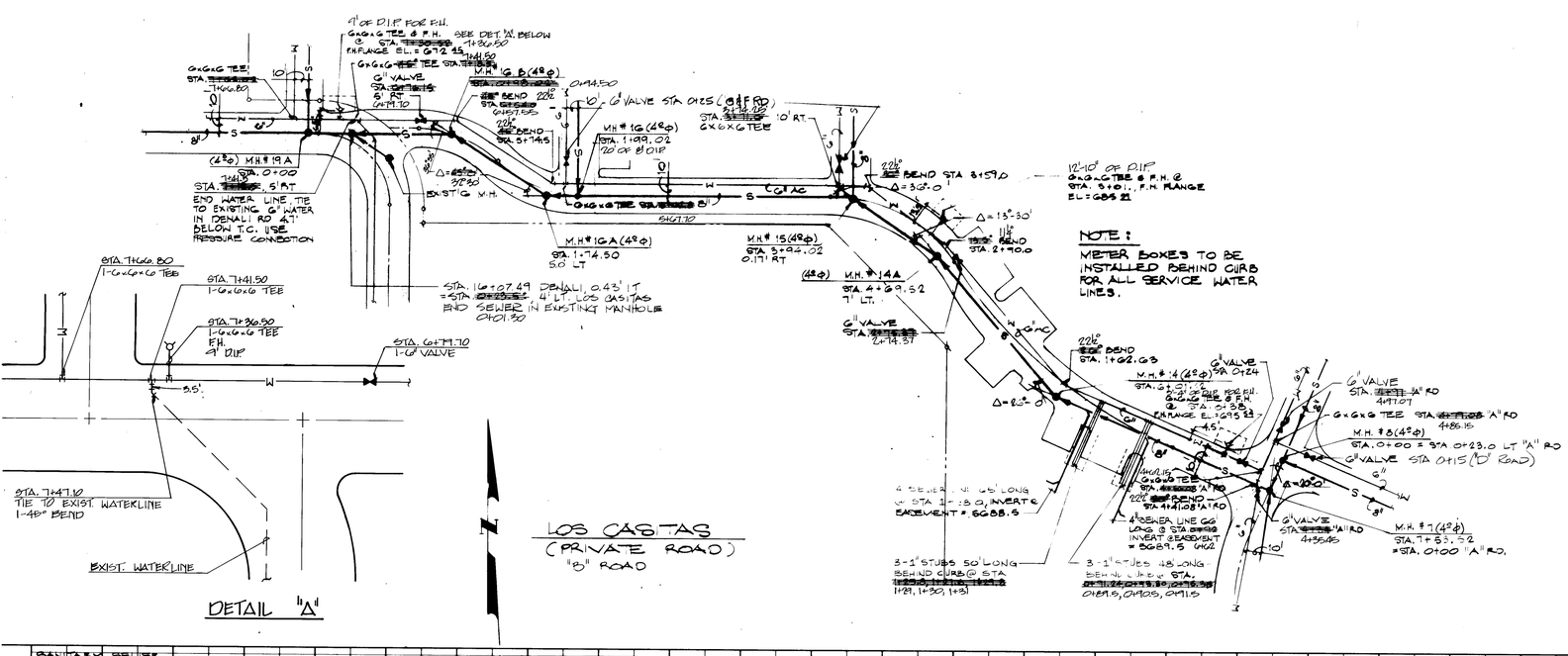
DESIGN
DESIGNED BY DESIGN PROFESSIONAL DATE 12-15-80
DRAWN BY M.M.L. DATE 12-15-80
CHECKED BY R.H.A. DATE 5-21-81

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO
WATER AND SEWER PLANS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		9/1/81	Liquid Waste		7/31/81
A C E - Design		29/6/81	Traffic	N.A.	
A C E - Hydrology		7/27/81	Water		7/31/81

DRAWING NO.	MAP NO.	SHEET	OF
1130			



GENERAL NOTES:

1. USE TYPE 'C' MANHOLE FOR DEPTHS OF LESS THAN 8.X FEET FROM INVERT TO RIM. CONTRACTOR MAY CONSTRUCT TYPE 'C' MANHOLE IN LIEU OF TYPE 'B' MANHOLE FOR DEPTHS OF 8.X FEET OR MORE. ALL MH TO BE 4' ID.
2. ALL TEES, BENDS AND CAPS SHALL BE BLOCKED ACCORDING TO CURRENT CITY OF ALBUQUERQUE STANDARDS. SEE SHEET #10 FOR DETAILS.
3. SEE SHEET #10 FOR FIRE HYDRANT DETAILS AND TYPICAL WATER SERVICE. SUR. ALL DETAILS.
4. [ ] SHADED AREAS DENOTE CITY OF ALBUQUERQUE UTILITY EASEMENTS.
5. SEE SHEET #10 FOR WATER METER BOX INFORMATION AND FOR WATER SERVICE LINE DEPTHS AT EASEMENT LINES.
6. Δ = DEFLECTION ANGLE BETWEEN SEWER LINES
7. SEE SHEET #10 FOR DIMENSIONS FOR FIRE HYDRANT AND WATER METER BOX EASEMENTS.
8. DIMENSIONS SHOWN FOR FIRE HYDRANTS ARE FROM ℄ OF WATER LINE TO ℄ OF F.H. (NOMINALLY 1'-6" BACK OF CURB TO ℄ OF F.H.)

P.C. 1.30 0835

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

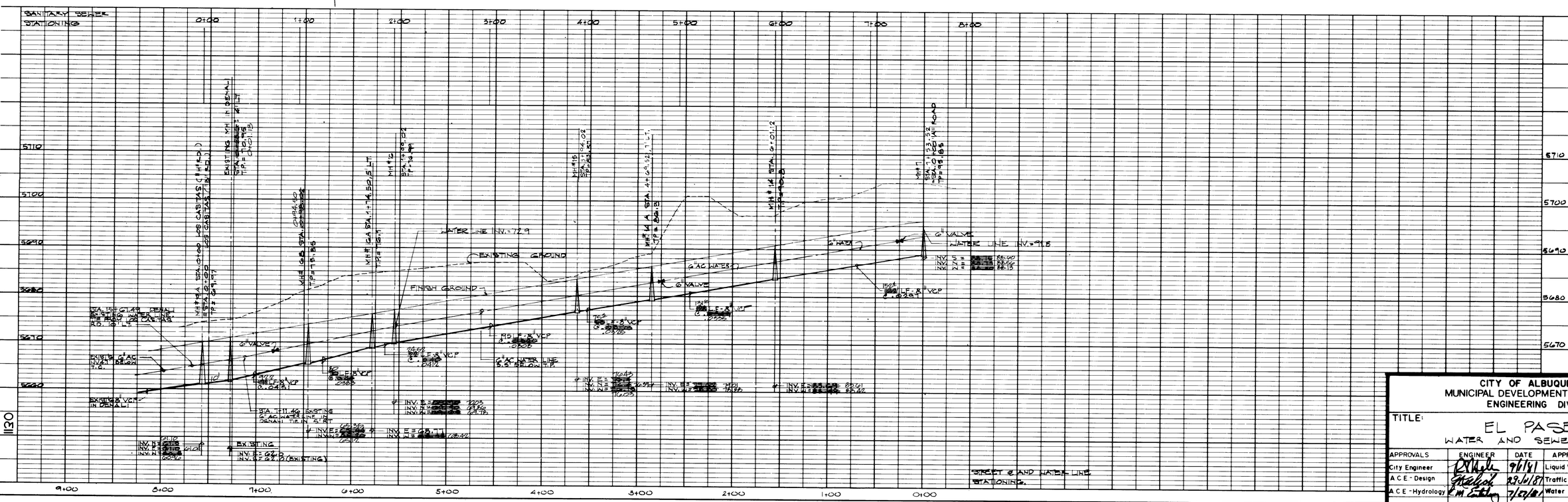


PLATE 1 PLAN-PROFILE O. P. R. & R. E. STANDARD

EUGENE DIETZGEN CO.

1130

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY M. GONZALES DATE
INSPECTORS
FIELD TOLERANCE BY DATE
VERIFICATION BY R. MONTOYA DATE 1-86
CORRECTED BY R. DUBLIN DATE 1-95
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS
B.M. 8 LOCATED AT THE INTERSECTION OF R/W LINES OF ACADEMY ROAD (NORTH) AND CONCORDIA ROAD (EAST), TOP OF BRASS CAP ELEVATION = 5515.55.
B.M. 6 LOCATED 479.50' SOUTH OF THE S.E. CORNER, LOT 23, UNIT 4, ACADEMY HILLS SUBD. TOP OF BRASS CAP ELEVATION = 5680.42.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	3/1/86	BID ISSUE	MHL

REVISIONS

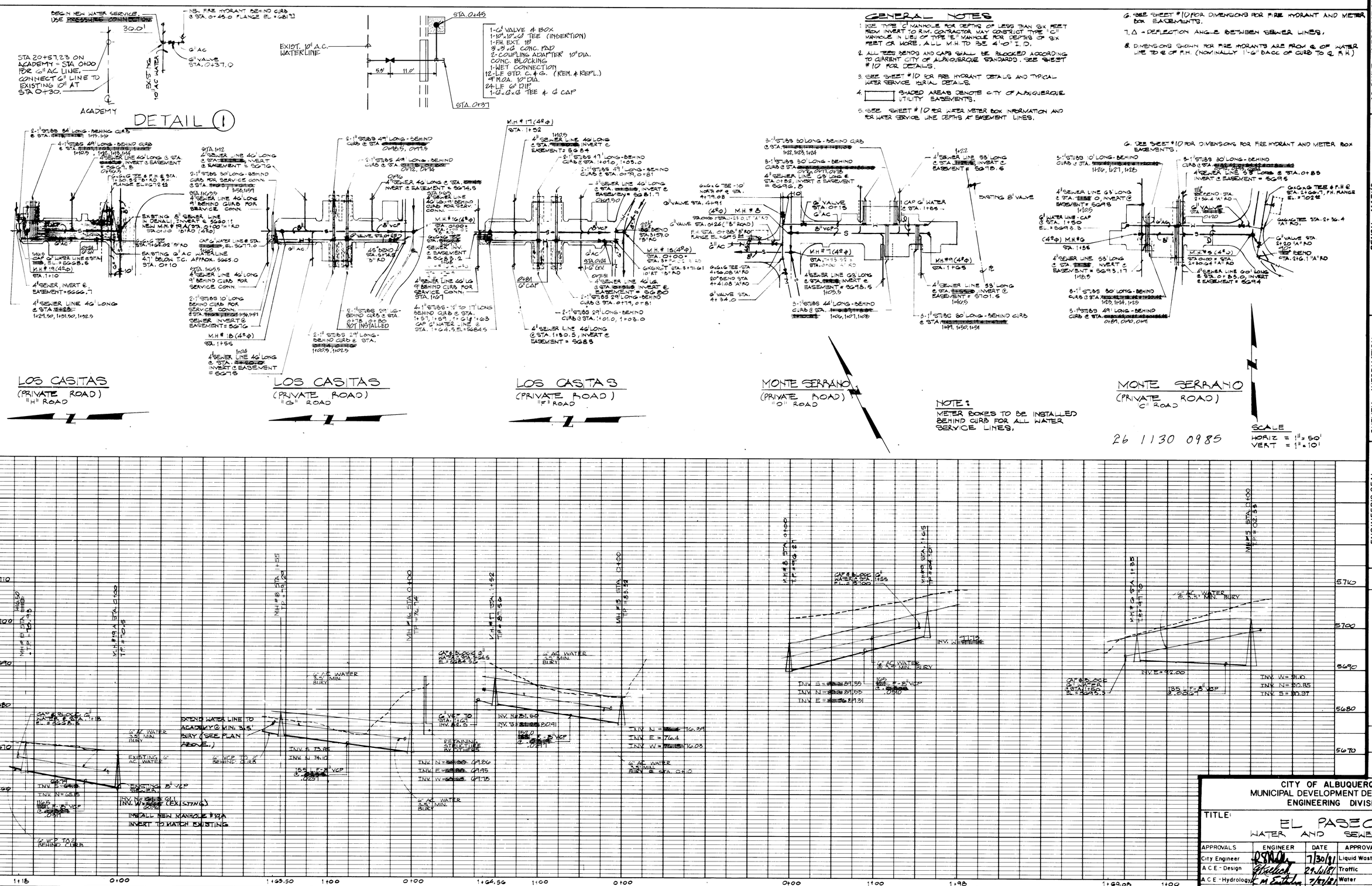
DESIGNED BY DESIGN PROFESSIONALS DATE 12-15-80
DRAWN BY M.M.L. DATE 12-15-80
CHECKED BY R.H.A. DATE 5-4-81

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO
WATER AND SEWER PLANS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		9/6/81	Liquid Waste		
A.C.E.-Design		23/ul/81	Traffic	N.A.	
A.C.E.-Hydrology		7/21/81	Water		

DRAWING NO.	MAP NO.	SHEET	OF
1130	E-21	8	13



GENERAL NOTES

1. USE TYPE "C" MANHOLE FOR DEPTHS OF LESS THAN SIX FEET FROM INVERT TO RIM. CONTRACTOR MAY CONSTRICT TYPE "C" MANHOLE IN LIEU OF TYPE "E" MANHOLE FOR DEPTHS OF SIX FEET OR MORE. ALL M.H. TO BE 4'-0" I. D.
2. ALL TEES, BENDS AND CAPS SHALL BE BLOCKED ACCORDING TO CURRENT CITY OF ALBUQUERQUE STANDARDS. SEE SHEET #10 FOR DETAILS.
3. SEE SHEET #10 FOR FIRE HYDRANT DETAILS AND TYPICAL WATER SERVICE TRENCH DETAILS.
4. SHADED AREAS DENOTE CITY OF ALBUQUERQUE UTILITY EASEMENTS.
5. SEE SHEET #10 FOR WATER METER BOX INFORMATION AND FOR WATER SERVICE LINE DEPTHS AT EASEMENT LINES.
6. SEE SHEET #10 FOR DIMENSIONS FOR FIRE HYDRANT AND METER BOX EASEMENTS.
7. Δ = DEFLECTION ANGLE BETWEEN SEWER LINES.
8. DIMENSIONS SHOWN FOR FIRE HYDRANTS ARE FROM ℄ OF WATER LINE TO ℄ OF F.H. (NOMINALLY 1'-6" BACK OF CURB TO ℄ F.H.)

6. SEE SHEET #10 FOR DIMENSIONS FOR FIRE HYDRANT AND METER BOX EASEMENTS.

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY
WORK INSPECTOR
MATERIALS TESTING BY
FIELD VERIFICATION BY
DRAWINGS CORRECTED BY
DATE
MICRO-FILM INFORMATION
RECORDED BY
DATE
NO

BENCH MARKS
B.M.#1: LOCATED AT THE INTERSECTION OF ℄/H. LINES OF ACADEMY ROAD (NORTH) AND CONCORDIA ROAD (EAST). TOP OF BRASS CAP ELEVATION = 5598.55.
B.M.#2: LOCATED APR. 30' SOUTH OF THE S.E. CORNER LOT 28, UNIT 4, ACADEMY HILLS SUBD. TOP OF BRASS CAP ELEVATION = 5660.42.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	9/18/81	B.I.D. ISSUE	K.M.L.

REVISIONS

DESIGN
DESIGNED BY DESIGN PROFESSIONAL'S DATE 12-15-80
DRAWN BY M.M.L. DATE 12-15-80
CHECKED BY R.H.A. DATE 5-4-81

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

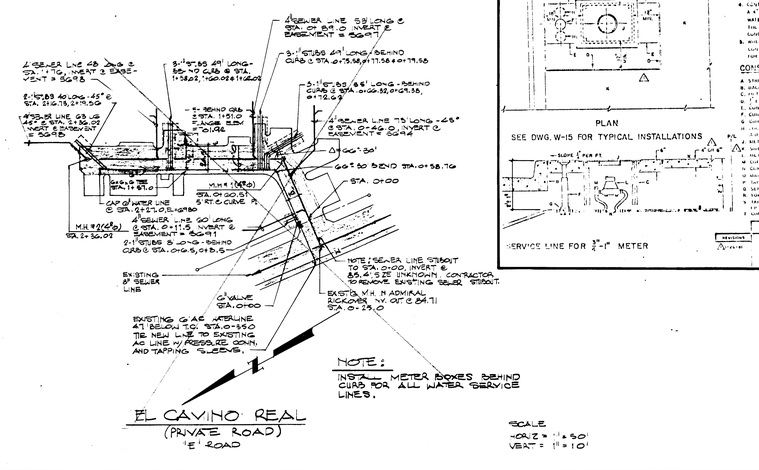
TITLE: EL PASEO
WATER AND SEWER PLANS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/30/81	Liquid Waste		7/30/81
A C E - Design		7/30/81	Traffic	N.A.	
A C E - Hydrology		7/30/81	Water		7/30/81

DRAWING NO. 1130 | MAP NO. E-21 | SHEET 9 OF 13

1130

NOTE: TO BE BUILT UNDER WORK ORDER 1252



NOTE:
INSTALL METER BOXES BEHIND CURB FOR ALL WATER SERVICE LINES.

GENERAL NOTES:

1. THE METER SHALL BE SET, UTILIZING A COPPER-SETTER WITH INSERTS AND TYPE NUBIS BRONZE VALVE ON INVERT SIDE OF THE METER (COPPER-SETTER HEIGHT w/ 1000 CF METER, 1" FUNCTIONAL).
2. THE VALVE AND METER MAINTENANCE BOX SHALL BE LOCATED UNDER THE SIDEWALK, WHERE TWO METERS ARE TO BE INSTALLED IN A SINGLE METER BOX, THE METER MAINTENANCE BOX SHALL BE WITHIN 18 INCHES OF THE SIDEWALK.
3. FOR DETAILS ON LOCATION, INSTALLATION, DIMENSIONS, AND MATERIALS OF COVER AND LID, SEE DWG. W-16, W-16, W-16, AND W-16.
4. CONTRACTOR SHALL GRAB THE CURB SIDE WITH A 4" PAINT LETTER "W" AT A POINT WHERE A WATER SERVICE LINE CROSSES UNDER THE CURB. THE MARKING SHALL BE LOCATED ONTO THE SIDEWALK.
5. WHEN CONTRACTOR DOES NOT INSTALL METER, CONTRACTOR SHALL PROVIDE REMOVAL PLUGS FOR END OF COPPERSETTER.

CONSTRUCTION NOTES:

A. STREET SURFACE.
B. BACK OF CURB.
C. PROPERTY LINE, SEE DWG. W-16.
D. ½" EXPANSION JOINT.
E. CONTRACTION JOINT.
F. CONCRETE FOR SINGLE LINE INSTALLATION
G. CURB STOP.
H. CONCRETE OF CURB BOXES WHERE TWO METERS ARE INSTALLED IN A SINGLE METER BOX.
I. METER BOX COVER, SEE DWG. W-16 OR W-16.
J. SIDEWALK OR DRIVEWAY.
K. METER.
L. COPPERSETTER WITH VALVE.
M. CONFIGURATION STOP.
N. MAIN WATER LINE.
O. EXPANSION SADDLE IF REQUIRED.
P. SERVICE LINE.
Q. TEE.
R. TEE FEED TO PROPERTY LINE, WITH INSTA-TITE OR APPROVED FITTING.
S. CURB TAPS.

PLAN

SEE DWG. W-15 FOR TYPICAL INSTALLATIONS

SERVICE LINE FOR ¾"-1" METER

REVISIONS	CITY OF ALBUQUERQUE
	WATER
	METERED SERVICE LINE INSTALLATION
	DWG. W-10-1 NOV. 1978

GENERAL NOTES:

1. THE ENGINEER SHALL PROVIDE DESIGN FOR ALL JOINTS WHICH ARE TWO 14".

PIPE SIZE	90 BEND	45 BEND	22½ BEND	11¼ BEND	TEE OR PLUG (15 MAX.)	CROSS OR TEE (12 MAX.)
4"	1'	1'	1'	1'	1'	1'
6"	1'	1'	1'	1'	1'	1'
8"	1'	1'	1'	1'	1'	1'
10"	1'	1'	1'	1'	1'	1'
12"	1'	1'	1'	1'	1'	1'
14"	1'	1'	1'	1'	1'	1'
16"	1'	1'	1'	1'	1'	1'
18"	1'	1'	1'	1'	1'	1'
20"	1'	1'	1'	1'	1'	1'
24"	1'	1'	1'	1'	1'	1'
30"	1'	1'	1'	1'	1'	1'
36"	1'	1'	1'	1'	1'	1'
42"	1'	1'	1'	1'	1'	1'
48"	1'	1'	1'	1'	1'	1'
54"	1'	1'	1'	1'	1'	1'
60"	1'	1'	1'	1'	1'	1'
72"	1'	1'	1'	1'	1'	1'

PLAN PLAN PLAN

ELEVATION CONCRETE BLOCKING FOR TEE

ELEVATION CONCRETE BLOCKING FOR PLUG OR CAP

ELEVATION CONCRETE BLOCKING FOR ELBOW

CONSTRUCTION NOTES:

A. UNDISTURBED EARTH.
B. O.D. OF PIPE + 8".
C. O.D. OF CAP OR PLUG, MIN. 12" X 12".

REVISIONS	CITY OF ALBUQUERQUE
	WATER
	CONCRETE BLOCKING DESIGN
	DWG. W-22 NOV. 1978

GENERAL NOTES:

1. NO CONSTRUCTION WILL BE PERMITTED WITHIN 2 FT OF FIRE HYDRANT.
2. HYDRANT LEG MUST BE VALVED FOR MAIN LINE DEPTH GREATER THAN 18".
3. CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING TOP FLANGE OF FIRE HYDRANT TO THE CONTROLLED ELEVATION LINE.
4. FIRE HYDRANT SHALL BE LOCATED AT BEGINNING OF CURB RETURN ON PERPENDICULAR TO P/L, CURBLINE TO ADJACENT LOTS, UNLESS OTHERWISE SHOWN ON PLANS. SEE DWG. W-19 AND W-21.
5. WHEN EXISTING SIDEWALK ABUTS CURB, RECONSTRUCT SIDEWALK AS PER DWG. P-14.
6. PUMPER NOZZLE TO BE SET FACING THE TRAVELED WAY, UNLESS OTHERWISE NOTED ON PLANS.
7. SEE DWG. P-19 WHEN FIRE HYDRANT IS LOCATED ON A SIDEWALK.

CONSTRUCTION NOTES:

A. FIRE HYDRANT PER SPEC'S.
B. PUMPER NOZZLE, 4½".
C. HOSE NOZZLE 2½".
D. ½" EXPANSION JOINT MATERIAL.
E. SLOPE ¼" PER FT.
F. 3' x 3' x 6" CONC. EQ. PAD, TO BE CONSTRUCTED AROUND FIRE HYDRANT'S CENTER LINE WHEN NOT LOCATED WITHIN SIDEWALK OR CURB AREA.
G. BACK OF CURB.
H. CONTROLLED ELEV. LINE, LEVEL IN ALL DIRECTIONS.
I. DUCTIL THRUST BLOCK, APPROX. 6' X 6' X 3' TO BE POURED AGAINST UNDISTURBED EARTH, 6 IN. WIDE. HOLE MUST BE UNDISTURBED.
K. GRAVEL DRAIN POCKET, COVER TOP SURFACE WITH TAR PAPER.

TEE ON MAIN

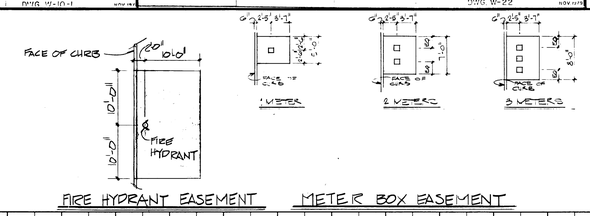
DETAIL OF FIRE HYDRANT SETTING WITH BLOCKING

REVISIONS	CITY OF ALBUQUERQUE
	WATER
	FIRE HYDRANT INSTALLATION
	DWG. W-20-1 NOV. 1978

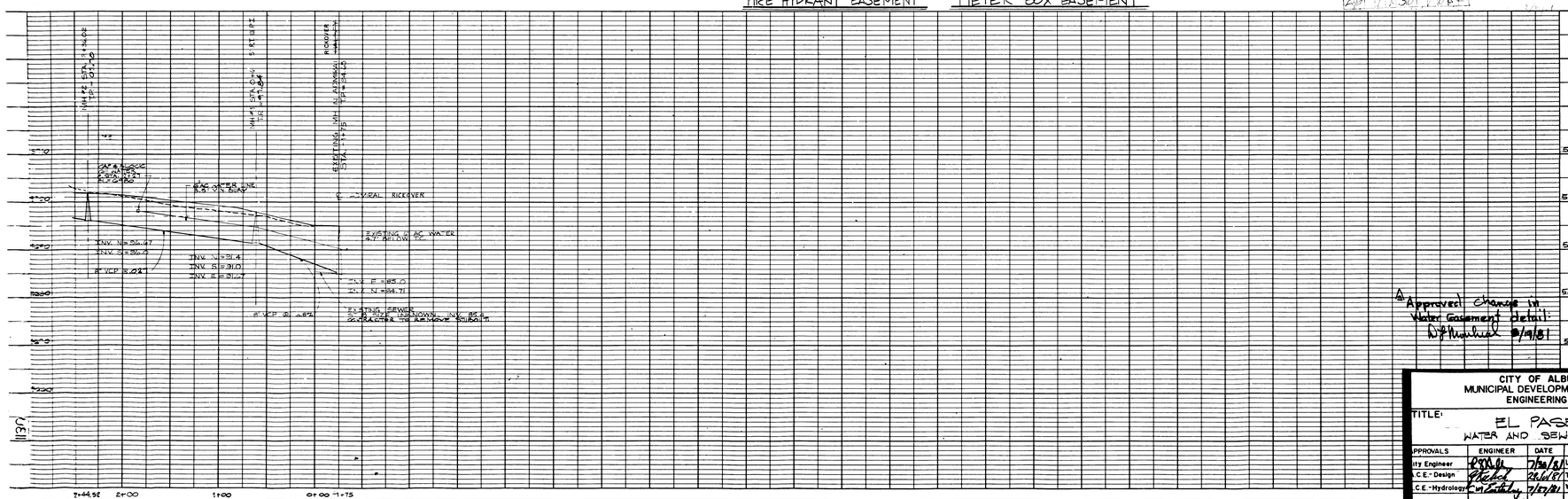
GENERAL NOTES

1. USE TYPE 'C' MANHOLE FOR DEPTHS OF LESS THAN SIX FEET FROM INVERT TO R.M. CONTRACTOR MAY CONSTRUCT TYPE 'C' MANHOLE IN LIEU OF TYPE 'B' WITHOUT NOTICE FOR DEPTHS OF SIX FEET OR MORE. ALL MANHOLES TO BE 4' I.D.
2. ALL TEES, BENDS AND CAPS SHALL BE BLOCKED ACCORDING TO CURRENT CITY OF ALBUQUERQUE STANDARDS. SEE THIS SHEET FOR DETAILS.
3. SEE THIS SHEET FOR FIRE HYDRANT DETAILS AND TYPICAL WATER SERVICE BURIAL DETAILS.
4. SHADED AREAS DENOTE CITY OF ALBUQUERQUE UTILITY EASEMENTS.
5. SEE THIS SHEET FOR WATER METER BOX INFORMATION AND FOR WATER SERVICE LINE DEPTHS AT BASELINE AT LINES.
6. Δ = DEFLECTION ANGLE BETWEEN SEWER LINES.
7. SEE THIS SHEET FOR DIMENSION OF FIRE HYDRANT AND WATER METER BOX EASEMENTS.
8. DIMENSIONS SHOWN FOR FIRE HYDRANTS ARE FROM ℄ OF WATER LINE, TO ℄ OF F.H. (NOMINALLY 1'-6" BACK OF CURB TO ℄)

7/30/81



FIRE HYDRANT EASEMENT METER BOX EASEMENT



Approved change in Water Easement detail: [illegible] 8/9/81

PLATE 1 PLAN-PROFILE O. P. A. & A. L. STANDARD
EUGENE DIETZGEN CO.

AS BUILT INFORMATION		
CONTRACTOR		DATE
WORK STAKED BY		DATE
INSPECTED BY		DATE
ACCEPTANCE BY		DATE
VERIFICATION BY		DATE
CORRECTED BY		DATE
RECORDED BY		DATE

AS BUILT INFORMATION FILM

NO.	RECORDED BY	DATE

BENCH MARKS

DK LOCATED AT THE INTERSECTION OF ¼ LINES OF SECTIONS 8 AND 9 ALBUQUERQUE, NEW MEXICO

ALBUQUERQUE ROAD (NORTH) AND CONCORDIA ROAD (EAST). TOP OF BRASS CAP ELEVATION = 5515.655.

BM LOCATED APPROX. 30' NORTH OF S.E. CORNER LOT 58, UNIT 3, M. ACKLEY HILLS "GUIDO" TOP OF BRASS CAP ELEVATION = 5505.46.

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE

ENGINEER'S SEAL

NO.	DATE	ISSUE	REMARKS	BY
1	3/9/81	B/D		W.H.L.

REVISIONS

DESIGN

DESIGNED BY DESIGN PROFESSIONALS DATE 12-15-80
DRAWN BY W.H.L. DATE 12-15-80
CHECKED BY R.A.K. DATE 5-4-81

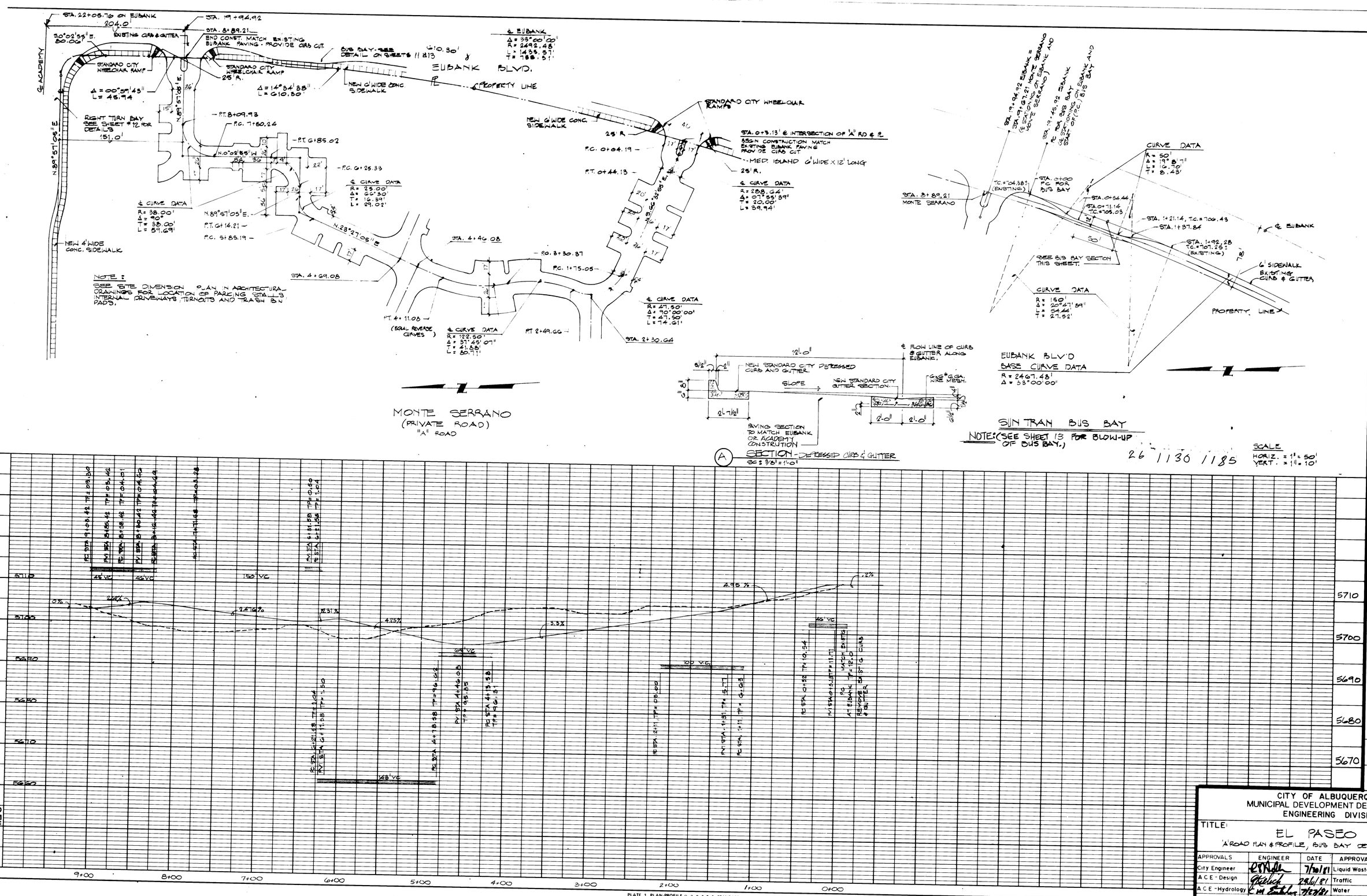
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO
WATER AND SEWER PLANS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[illegible]	7/30/81	Liquid Waste	[illegible]	
C.E.-Design	[illegible]	7/30/81	Traffic	N.A.	
C.E.-Hydrology	[illegible]	7/27/81	Water	[illegible]	

DRAWING NO. 1130 MAP NO. [illegible] SHEET 10

1130



AS BUILT INFORMATION

CONTRACTOR
WORK STAKED BY
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY B. Montoya DATE 1/92
DRAWINGS CORRECTED BY K. Chavez DATE 1/93

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO

BENCH MARKS

BM 5 LOCATED AT THE INTERSECTION OF ℄ & ℄ LINES OF ACADEMY ROAD (NORTH) AND CONCORDIA ROAD (EAST). TOP OF BRASS CAP ELEVATION = 5598.55

BM 6 LOCATED 479.30' SOUTH OF THE S.E. CORNER LOT 28, UNIT 4, ACADEMY HILLS SUBD. TOP OF BRASS CAP ELEVATION = 5560.42.

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE

ENGINEER'S SEAL

NO.	DATE	ISSUE	BY
1	3/18/81	B.O.	M.M.L.

REMARKS
REVISIONS
DESIGN

DESIGNED BY Design Professionals DATE 12-15-80
DRAWN BY M.L. DATE 12-15-80
CHECKED BY R.H.A. DATE 5-21-81

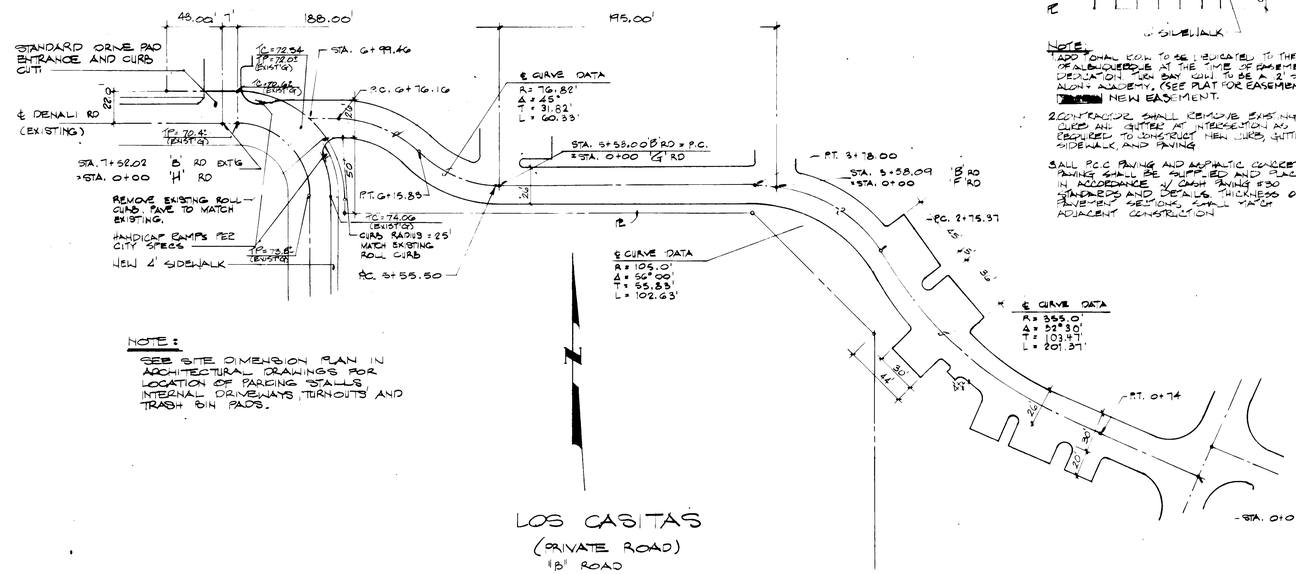
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO
"A" ROAD PLAN & PROFILE, BUS BAY DETAIL & SECTION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[signature]	7/30/81	Liquid Waste		
A C E - Design	[signature]	7/6/81	Traffic	[signature]	7/13/81
A C E - Hydrology	[signature]	7/27/81	Water		

DRAWING NO.	MAP NO.	SHEET	OF
1130	E-21	11	13

1130



CURB CURVE DATA				
NO.	Δ	R	T	L
1	16° 18' 37"	150'	21.45'	42.57
2	15° 30'	150'	29.31'	56.12
3	55°	58.07'	28.95'	53.72
4	90°	25'	25'	39.27

LOS CASITAS
(PRIVATE ROAD)
"B" ROAD

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

RIGHT TURN BAY - ACADEMY
SCALE: 1" = 20'

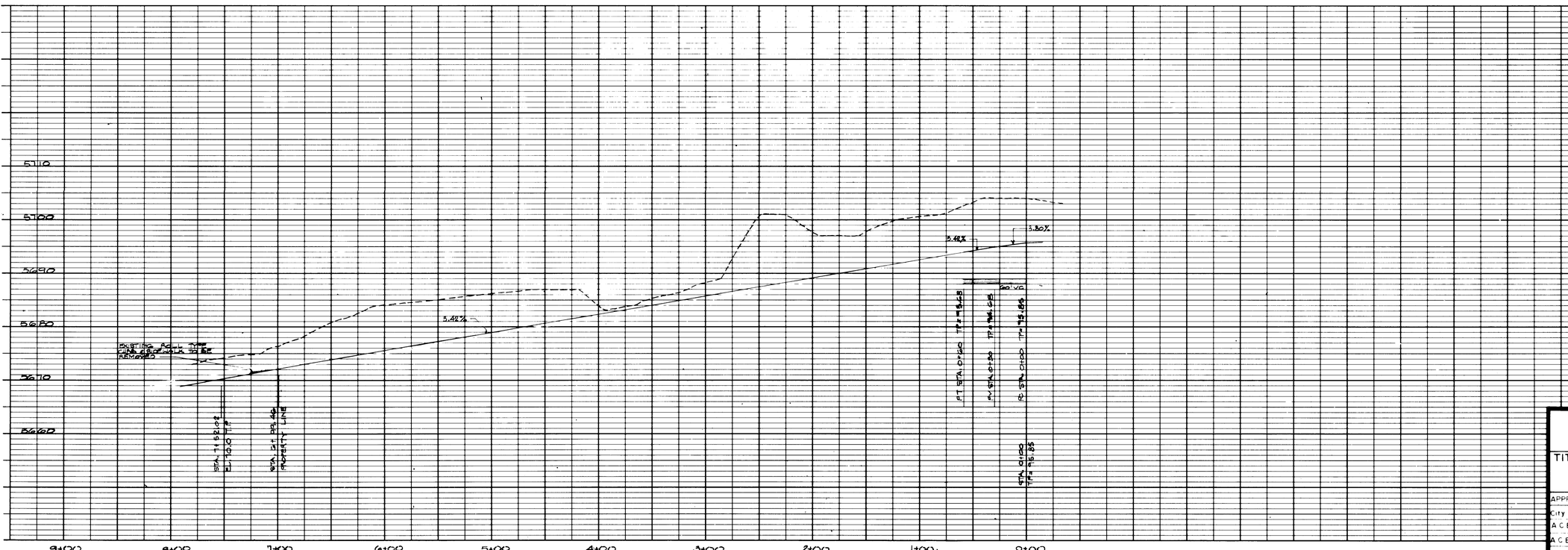


PLATE 1 PLAN-PROFILE O. P. R. & R. E. STANDARD
EUGENE DIETZGEN CO.

1130

AS BUILT INFORMATION
NOTED BY
WORK STAKED BY M. GONZALES DATE
INSPECTED BY DATE
ACCEPTANCE BY DATE
FIELD VERIFICATION BY B. MONTOYA DATE 1-80
DRAWINGS CORRECTED BY R. DURAN DATE 1-80
MICRO-FILM INFORMATION
RECORDED BY DATE
INDEXED BY NO

BENCH MARKS
BM #: LOCATED AT THE INTERSECTION OF B/W LINES OF ACADEMY ROAD (NORTH) AND CONCORDIA ROAD (EAST). TOP OF BRASS CAP ELEVATION = 5698.55.
BM #: LOCATED 479.30' SOUTH OF THE S.W. CORNER LOT 28, UNIT 4, ACADEMY HILLS SUBD. TOP OF BRASS CAP ELEVATION = 5660.42.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	3/16/81	BID ISSUE	M.M.L.

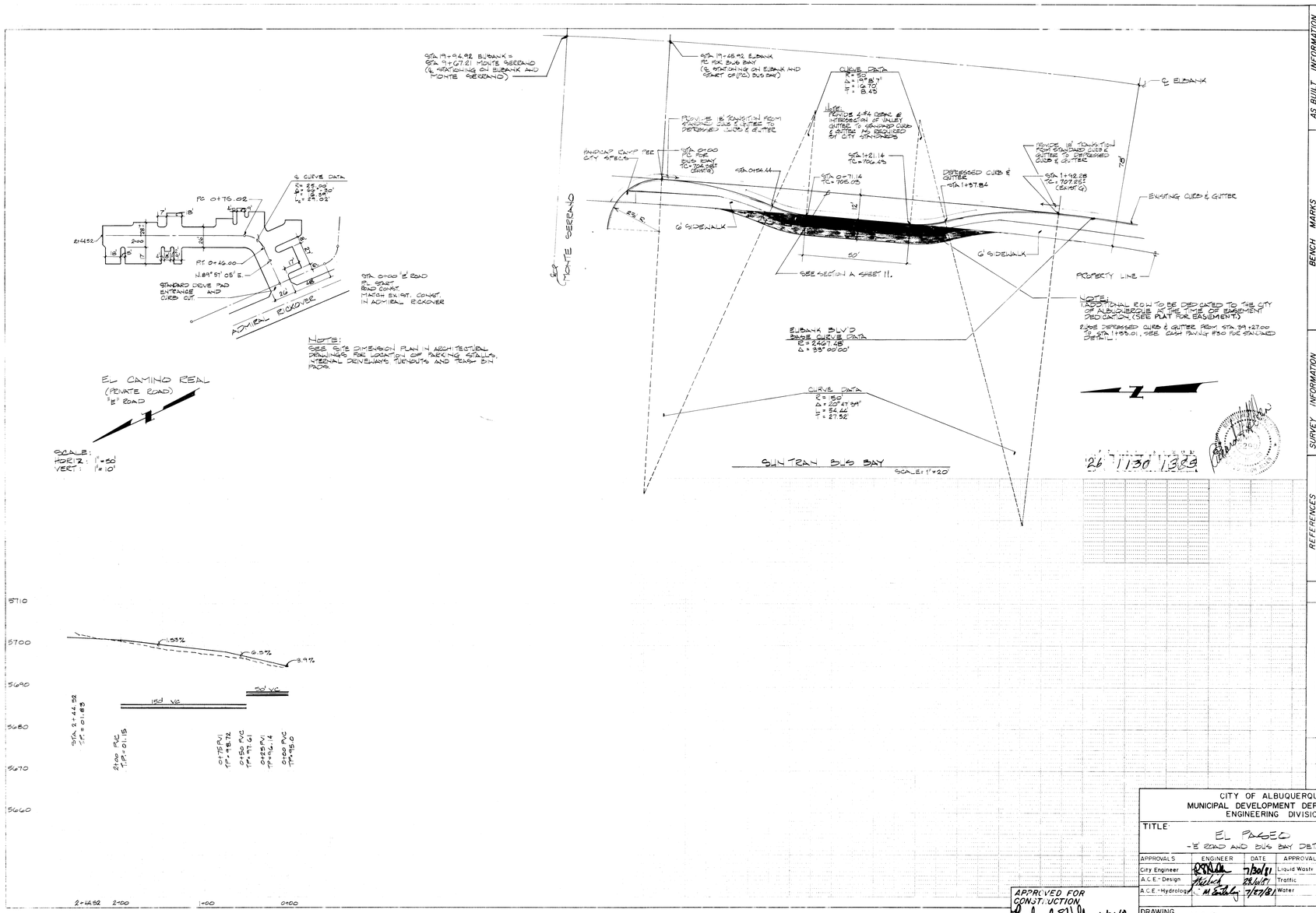
REVISIONS
DESIGN
DESIGNED BY DESIGN PROFESSIONAL DATE 12-15-80
DRAWN BY M.L. DATE 12-15-80
CHECKED BY R.H.A. DATE 5-21-81

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO
"B" ROAD PLAN & PROFILE, RIGHT TURN BAY & SECTION.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/20/81	Liquid Waste		
A.C.E.-Design		7/16/81	Traffic		7/13/81
A.C.E.-Hydrology		7/27/81	Water		

DRAWING NO.	MAP NO.	SHEET	OF
1130	E-21	12	13



APPROVED FOR CONSTRUCTION
Richard S Walker 10/22/10
CITY ENGINEER DATE

AS BUILT INFORMATION	
CONTRACTOR	
STAKED BY	
FIELD VERIFIED BY M. GONZALES	DATE
RECEIVED BY	
RECEIVED BY	DATE
VERIFICATION BY B. MONTOYA	DATE
COMPUTED BY B. DUGAN	DATE 11-1-95
MICRO-FILM INFORMATION	
FILMED BY	DATE
REVIEWED BY	DATE
NO.	

BENCH MARKS

BM 1 LOCATED AT THE INTERSECTION OF BM LINES OF ACADEMY ROAD (NORTH) AND CORDOVA ROAD (EAST). TOP OF BRASS CAP ELEVATION = 5878.66

BM 2 LOCATED 475.50' SOUTH OF THE S.E. CORNER, LOT 68, UNIT 4, ACADEMY HILLS SUBD. TOP OF BRASS CAP ELEVATION = 5880.42

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE

REFERENCES

MAP NO. E-21 W.O. NO.
EST. NO.

NO.	DATE	REMARKS	BY
1	3/6/98	BID ISSUE	HML

REVISIONS

DESIGN

DESIGNED BY ORIGINAL PROFESSIONAL ENGINEER'S SEAL DATE 12/15/80
DRAWN BY W.M.L. DATE 12/15/80
CHECKED BY R.H.A. DATE 5/21/81

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

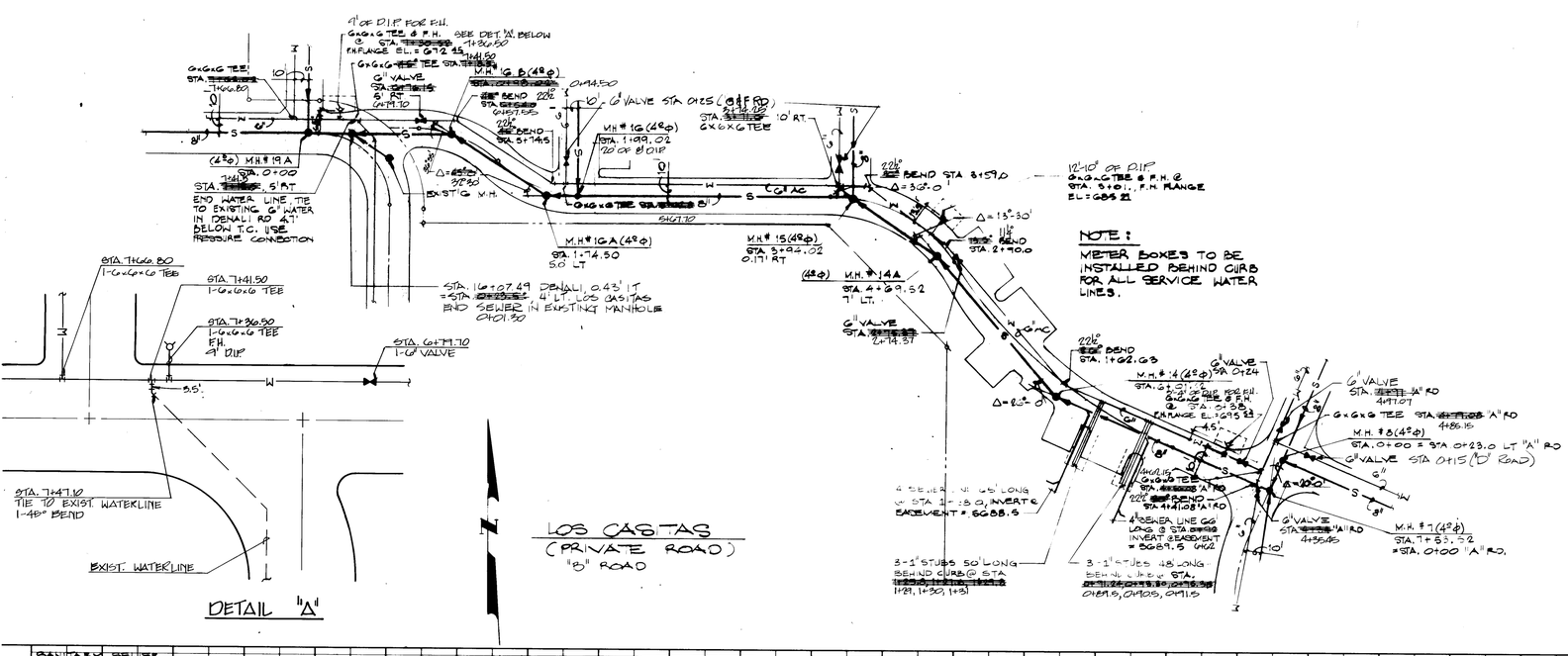
TITLE: EL PASEO
-E ROAD AND BUS BAY DETAIL

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/30/81	Liquid Waste		
A.C.E.-Design		7/31/81	Traffic		7/13/81
A.C.E.-Hydrology	M Eichelberger	7/27/81	Water		

DRAWING NO. 1130

SHEET 13 OF 13

26 1130 1389



GENERAL NOTES:

1. USE TYPE 'C' MANHOLE FOR DEPTHS OF LESS THAN 8.X FEET FROM INVERT TO RIM. CONTRACTOR MAY CONSTRUCT TYPE 'C' MANHOLE IN LIEU OF TYPE 'B' MANHOLE FOR DEPTHS OF 8.X FEET OR MORE. ALL MH TO BE 4' ID.
2. ALL TEES, BENDS AND CAPS SHALL BE BLOCKED ACCORDING TO CURRENT CITY OF ALBUQUERQUE STANDARDS. SEE SHEET #10 FOR DETAILS.
3. SEE SHEET #10 FOR FIRE HYDRANT DETAILS AND TYPICAL WATER SERVICE. SUR. ALL DETAILS.
4. [ ] SHADED AREAS DENOTE CITY OF ALBUQUERQUE UTILITY EASEMENTS.
5. SEE SHEET #10 FOR WATER METER BOX INFORMATION AND FOR WATER SERVICE LINE DEPTHS AT EASEMENT LINES.
6. Δ = DEFLECTION ANGLE BETWEEN SEWER LINES
7. SEE SHEET #10 FOR DIMENSIONS FOR FIRE HYDRANT AND WATER METER BOX EASEMENTS.
8. DIMENSIONS SHOWN FOR FIRE HYDRANTS ARE FROM ℄ OF WATER LINE TO ℄ OF F.H. (NOMINALLY 1'-6" BACK OF CURB TO ℄ OF F.H.)

P.C. 1.30 0835

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

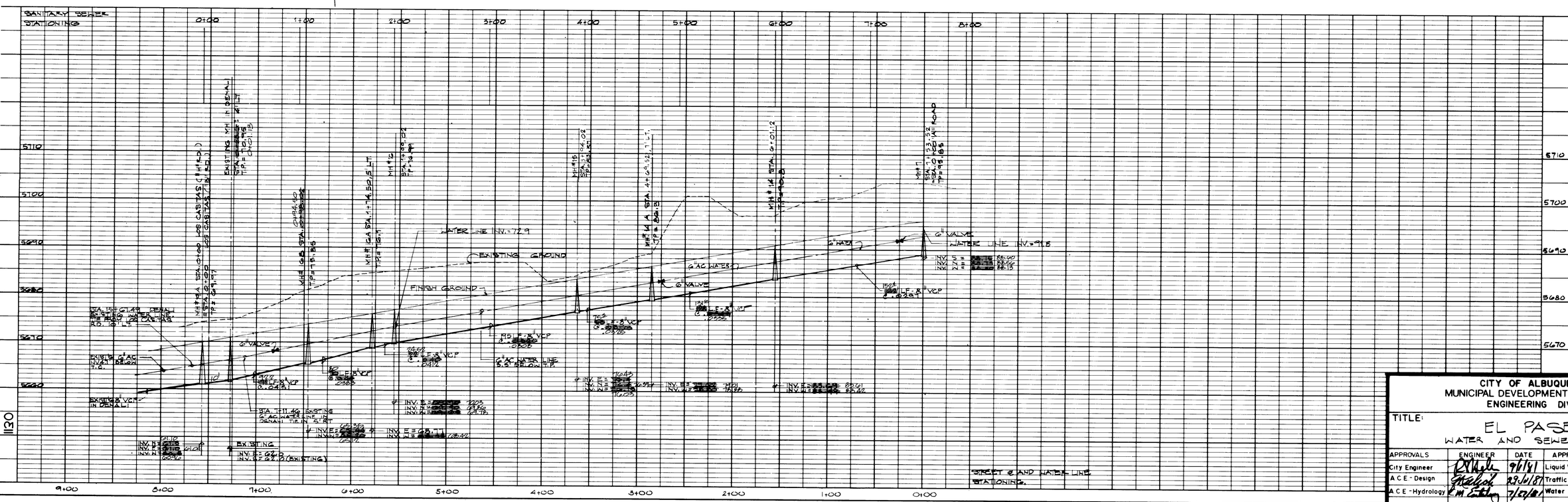


PLATE 1 PLAN-PROFILE O. P. R. & R. E. STANDARD

EUGENE DIETZGEN CO.

1130

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY M. GONZALES DATE
INSPECTORS
FIELD TOLERANCE BY DATE
VERIFICATION BY R. MONTOYA DATE 1-86
CORRECTED BY R. DUBLIN DATE 1-95
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS
B.M. 8 LOCATED AT THE INTERSECTION OF R/W LINES OF ACADEMY ROAD (NORTH) AND CONCORDIA ROAD (EAST), TOP OF BRASS CAP ELEVATION = 5515.55.
B.M. 6 LOCATED 479.50' SOUTH OF THE S.E. CORNER, LOT 23, UNIT 4, ACADEMY HILLS SUBD. TOP OF BRASS CAP ELEVATION = 5680.42.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	3/1/86	BID ISSUE	MHL

REVISIONS

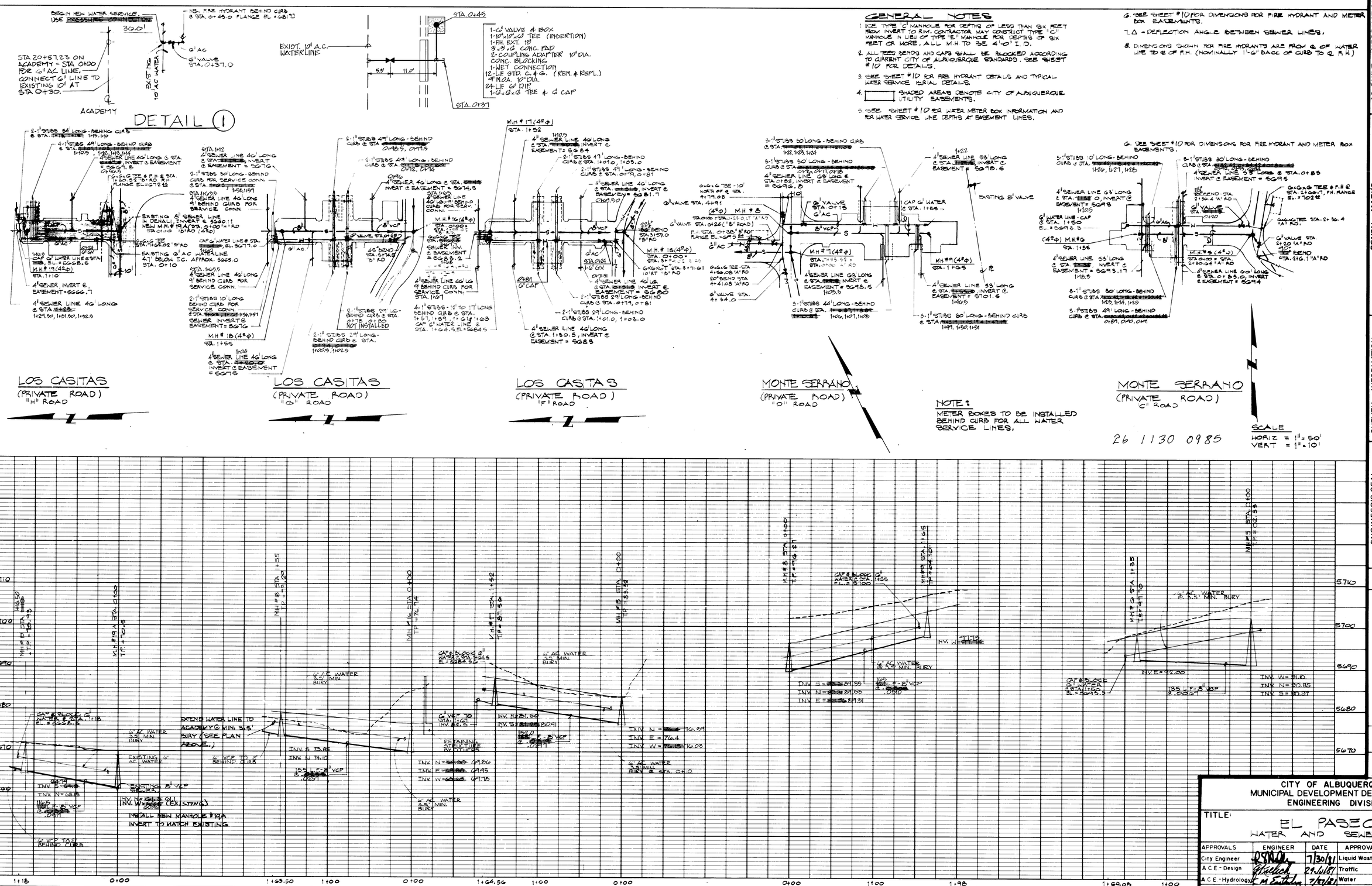
DESIGNED BY DESIGN PROFESSIONALS DATE 12-15-80
DRAWN BY M.M.L. DATE 12-15-80
CHECKED BY R.H.A. DATE 5-4-81

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO
WATER AND SEWER PLANS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		9/6/81	Liquid Waste		
A.C.E.-Design		23/ul/81	Traffic	N.A.	
A.C.E.-Hydrology		7/21/81	Water		

DRAWING NO.	MAP NO.	SHEET	OF
1130	E-21	8	13



GENERAL NOTES

1. USE TYPE "C" MANHOLE FOR DEPTHS OF LESS THAN SIX FEET FROM INVERT TO RIM. CONTRACTOR MAY CONSTRICT TYPE "C" MANHOLE IN LIEU OF TYPE "E" MANHOLE FOR DEPTHS OF SIX FEET OR MORE. ALL M.H. TO BE 4'-0" I. D.
2. ALL TEES, BENDS AND CAPS SHALL BE BLOCKED ACCORDING TO CURRENT CITY OF ALBUQUERQUE STANDARDS. SEE SHEET #10 FOR DETAILS.
3. SEE SHEET #10 FOR FIRE HYDRANT DETAILS AND TYPICAL WATER SERVICE TRENCH DETAILS.
4. SHADED AREAS DENOTE CITY OF ALBUQUERQUE UTILITY EASEMENTS.
5. SEE SHEET #10 FOR WATER METER BOX INFORMATION AND FOR WATER SERVICE LINE DEPTHS AT EASEMENT LINES.
6. SEE SHEET #10 FOR DIMENSIONS FOR FIRE HYDRANT AND METER BOX EASEMENTS.
7. Δ = DEFLECTION ANGLE BETWEEN SEWER LINES.
8. DIMENSIONS SHOWN FOR FIRE HYDRANTS ARE FROM ℄ OF WATER LINE TO ℄ OF F.H. (NOMINALLY 1'-6" BACK OF CURB TO ℄ F.H.)

6. SEE SHEET #10 FOR DIMENSIONS FOR FIRE HYDRANT AND METER BOX EASEMENTS.

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY
WORK INSPECTOR
MATERIALS TESTING BY
FIELD VERIFICATION BY
DRAWINGS CORRECTED BY
DATE
MICRO-FILM INFORMATION
RECORDED BY
DATE
NO

BENCH MARKS
B.M.#1: LOCATED AT THE INTERSECTION OF ℄/H. LINES OF ACADEMY ROAD (NORTH) AND CONCORDIA ROAD (EAST). TOP OF BRASS CAP ELEVATION = 5598.55.
B.M.#2: LOCATED APR. 30' SOUTH OF THE S.E. CORNER LOT 28, UNIT 4, ACADEMY HILLS SUBD. TOP OF BRASS CAP ELEVATION = 5660.42.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	9/18/81	B.I.D. ISSUE	K.M.L.

REVISIONS

DESIGN
DESIGNED BY DESIGN PROFESSIONAL'S DATE 12-15-80
DRAWN BY M.M.L. DATE 12-15-80
CHECKED BY R.H.A. DATE 5-4-81

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

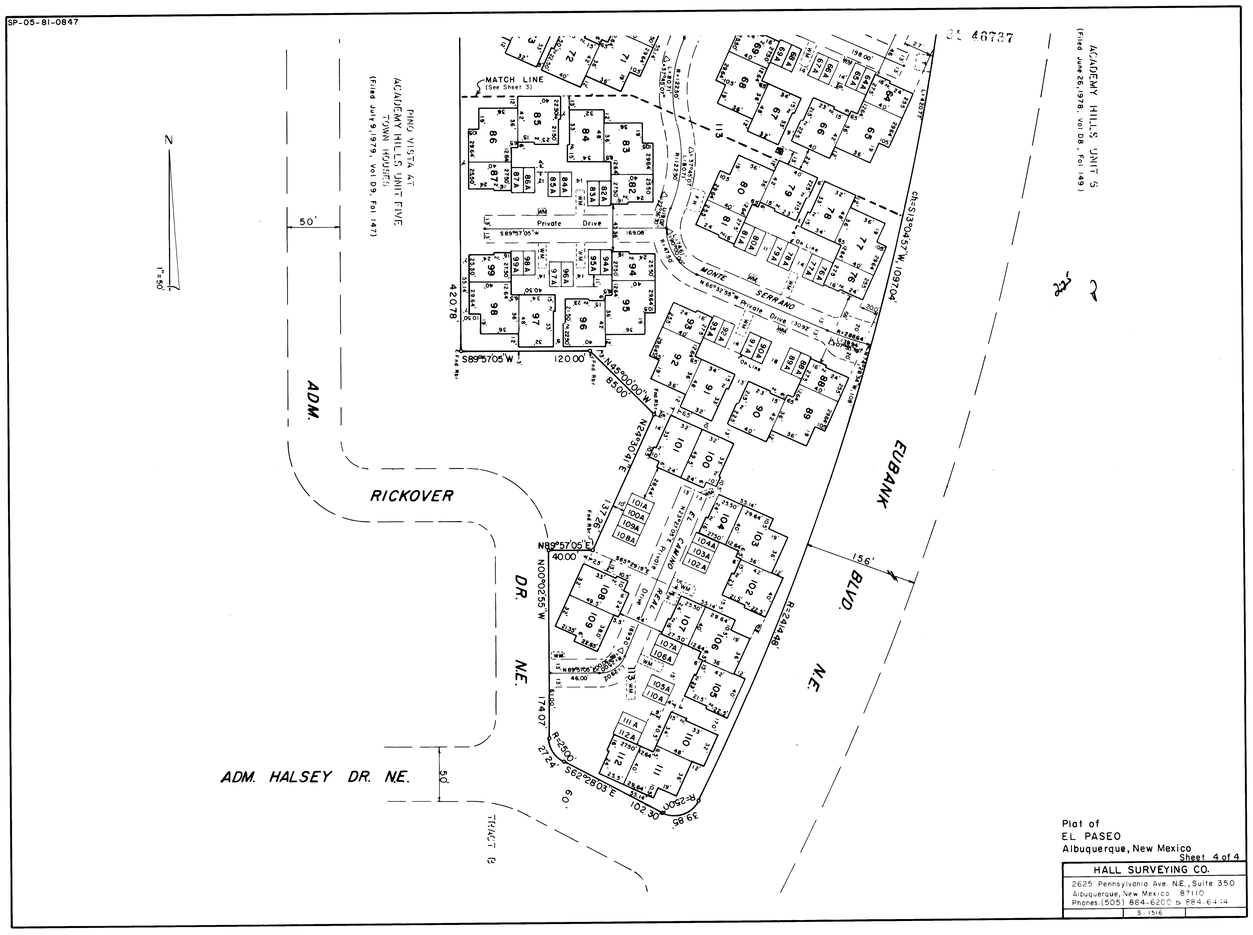
TITLE: EL PASEO
WATER AND SEWER PLANS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/30/81	Liquid Waste		7/30/81
A C E - Design		7/30/81	Traffic	N.A.	
A C E - Hydrology		7/30/81	Water		7/30/81

DRAWING NO. 1130 | MAP NO. E-21 | SHEET 9 OF 13

1130

SP-05-81-0847

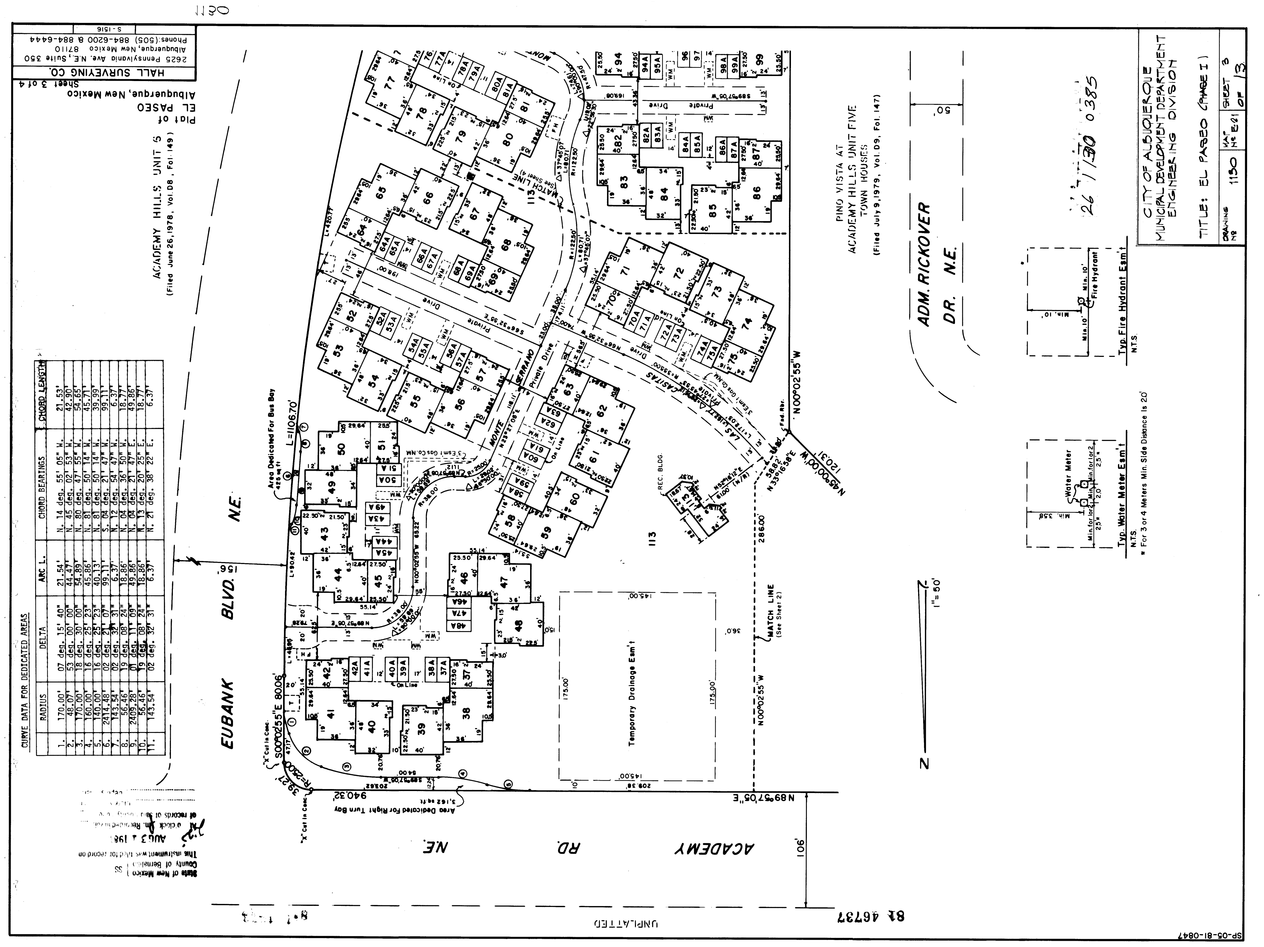


26 1130 0485

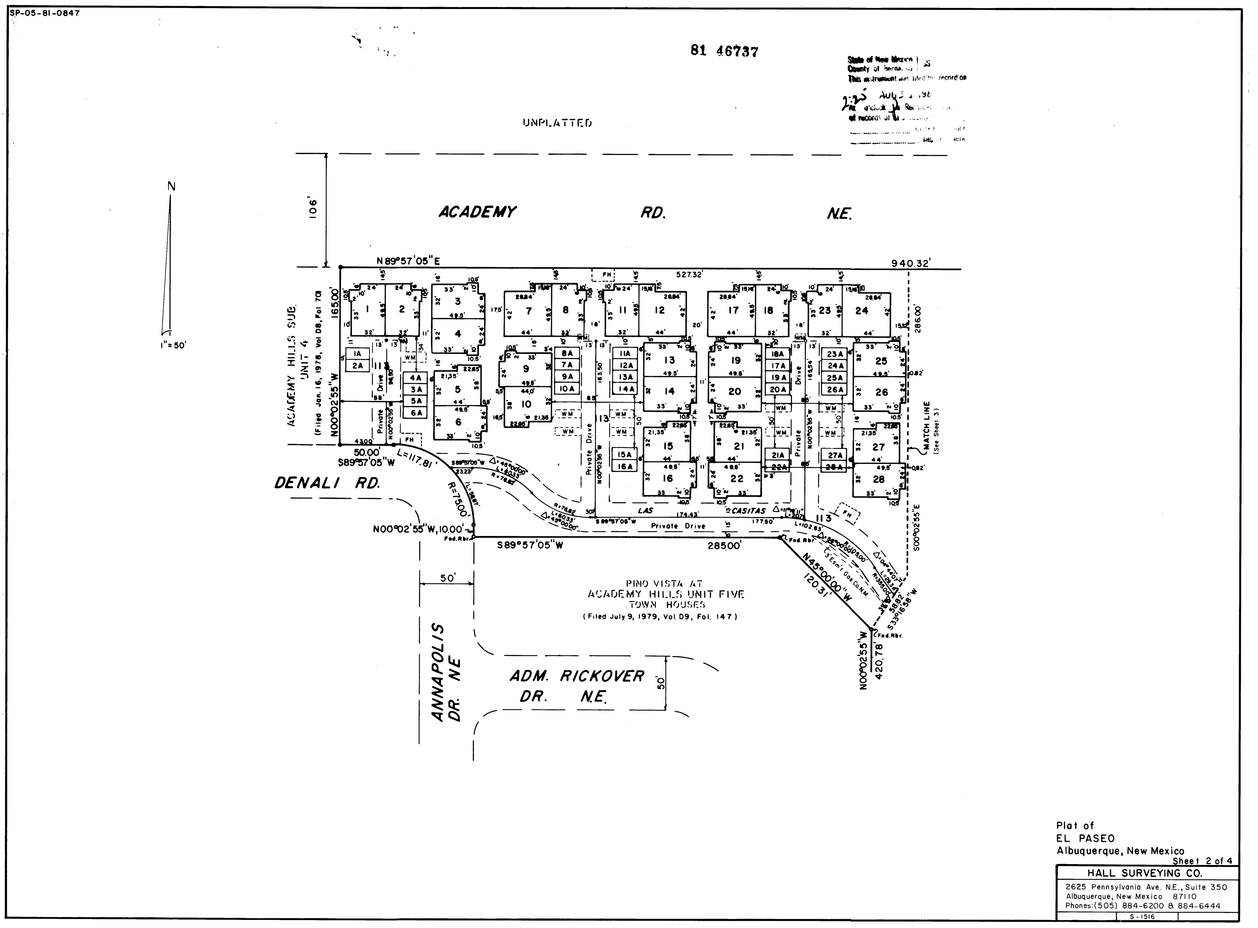
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO (PHASE I)

DRAWING No	MAP No	SHEET
1130	E21	4 OF 13


ACADEMY HILLS UNIT 5
(Filed June 26, 1978, Vol. 08, Fol. 149)
Plat of
EL PASEO
Albuquerque, New Mexico
Sheet 3 of 4
HALL SURVEYING CO.
2625 Pennsylvania Ave. N.E., Suite 350
Albuquerque, New Mexico 87110
Phones: (505) 884-6200 & 884-6444
S-1516
CURVE DATA FOR DEDICATED AREAS
EUBANK BLVD. N.E.
ACADEMY RD. NE
UNPLATTED
81 46737
PINO VISTA AT
ACADEMY HILLS UNIT FIVE
TOWN HOUSES
(Filed July 9, 1979, Vol. 09, Fol. 147)
ADM. RICKOVER DR. N.E.
Temporary Drainage Eem't
Area Dedicated For Bus Bay
Area Dedicated For Right Turn Bay
MATCH LINE (See Sheet 2)
Typ. Fire Hydrant Eem't
Typ. Water Meter Eem't
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION
TITLE: EL PASEO (PHASE I)
DRAWING NO. 1130
SHEET 3 OF 13

SP-05-81-0847


81 46737
UNPLATTED
ACADEMY RD. NE.
N 89°57'05"E
940.32'
ACADEMY HILLS SUB. UNIT 4
(Filed Jan. 16, 1978, Vol. 08, Fol. 70)
DENALI RD.
ANNAPOLIS DR. NE
ADM. RICKOVER DR. NE.
PINO VISTA AT
ACADEMY HILLS UNIT FIVE
TOWN HOUSES
(Filed July 9, 1979, Vol. 09, Fol. 147)
LAS CASITAS
Private Drive
MATCH LINE (See Sheet 3)
Plat of
EL PASEO
Albuquerque, New Mexico
Sheet 2 of 4
HALL SURVEYING CO.
2625 Pennsylvania Ave. N.E., Suite 350
Albuquerque, New Mexico 87110
Phones: (505) 884-6200 & 884-6444
S-1516

SP-05-81-0847

81 46737

PLAT OF
EL PASEO
Albuquerque, New Mexico

(A Replat of Tr.A, ACADEMY HILLS SUBDIVISION, UNIT 5)

MAY, 1981

DISCLOSURE STATEMENT

The purpose of this Plat is to locate proposed easements on Tract "A", Summary Plat of Academy Hills Subdivision, Unit 5, filed May 30, 1978, and to grant utility easements as shown hereon, and to dedicate the turn bay area and bus bay area as shown hereon. Capped Rebar were set at the exterior property corners unless otherwise designated.

NOTE: Approval of and filing with the County Clerk of Bernalillo County of this Plat does not vacate or in anyway affect public or private easements, except as shown on this Plat.

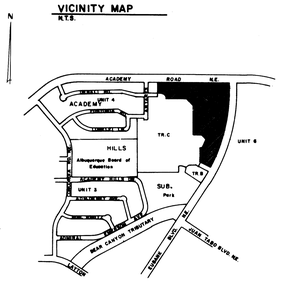
NOTES:

1. Tract "A" contains 12.2655 Acres.
2. Lot 113 is Common Area and includes Parking Spaces.
3. Lot 113 will be conveyed to and maintained by a Mandatory Homeowners' Association.
4. All lots shall have an easement across Lot 113 for utilities and access, except that use of such easement shall not interfer with the planned use of Lot 113 for driveways, parking, swimming pool, special landscaping and similar uses.
5. Garages are 11' X 23' and are shown thus: 27A
6. A Garage will be conveyed with the residential lot, having the same number.
7. Lot lines do not necessarily coincide with building lines.
8. Bearings shown hereon are refferenced to the Summary Plat of Academy Hills Subdivision, Unit 5, filed May 30, 1978.
9. B. M. used for construction purposes is 1-E21 A, Elevation = 5642.71.

EASEMENTS

1. Water Meter Easements are designated "W M" (See Typical Drawing Sheet 3).
2. Fire Hydrant Easements are designated "F H" (See Typical Drawing Sheet 3).
3. The Water Resources Dept. of the City of Albuquerque shall have the exclusive right to place underground utilities within 6 feet of the center-line of a sewerline and within 4 feet of the center-line of a waterline in all areas within Lot 113 designated as private drives, except for perpendicular crossings or where written approval has been obtained. Those entities having the right for perpendicular crossings of said easement shall include but not be limited to the Gas Co. of N. M., Mountain States Tel. & Tel. Co., Public Service Co. of N. M., & Albuquerque Cable Television, Inc. The Water Resources Dept. is hereby granted an access easement over and across the areas within Lot 113 designated as private drives for the installation, service and maintenance of City Water and Sewer Lines and their appurtenances.
4. Transformer Easements are designated "T" and are 15' X 15'

VICINITY MAP
N.T.S.



State of New Mexico } SS
County of Bernalillo
This instrument was filed for record on
AUG 3 1 1981
22 o'clock PM. Recorded in Vol. ____
of records of said County no ____
Clerk & recorder
Deputy Clerk

DESCRIPTION:

A Replat of Tract lettered "A" of the Summary Plat of ACADEMY HILLS SUBDIVISION, UNIT 5, an Addition to the City of Albuquerque, New Mexico, as the same is shown and designated on the Plat thereof, filed in the office of the County Clerk of Bernalillo County, New Mexico, on May 30, 1978. (Now being EL PASEO)

FREE CONSENT AND DEDICATION

The undersigned owner(s) and Proprietor(s) of the property described hereon do hereby consent to the Platting of said property as shown hereon and do hereby dedicate the Public Utility Easements as shown hereon and do hereby dedicate the widening of Academy Road N.E. as shown hereon for a right turn bay area and the widening of Eubank Blvd. N.E. as shown hereon for a bus bay area and the same are with free consent and in accordance with their desires.

STATE SAVINGS AND LOAN
BY: [signature]

GRUPE CONSTRUCTION WEST, INC.
BY: [signature] PRESIDENT

ACKNOWLEDGEMENT

STATE OF CALIFORNIA }
COUNTY OF SAN JOAQUIN } SS

On this 9TH day of JUNE, 19 81, the foregoing instrument was acknowledged before me by JEFFREY W. WAMELTON, SR. VICE PRES. AND JUDGE MANAGER, FINCL. SUPERV. OF STATE SAVINGS AND LOAN ASSN. FRANK H. PASSADORE PRES. OF GRUPE CONSTRUCTION WEST, INC.

My commission expires January 11, 1984

[signature] Notary Public

OFFICIAL SEAL
LOUISE GONZALEZ
NOTARY PUBLIC - CALIFORNIA
SAN JOAQUIN COUNTY
My commission Expires Jan 11, 1984

SURVEYOR'S CERTIFICATE

I, Verlon E. Hall, New Mexico Registered Land Surveyor No. 3241, do hereby certify that this Plat was prepared by me or under my supervision, meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, shows all easements of record, (unless otherwise noted on this Plat), and is true and correct to the best of my belief and knowledge.

Verlon E. Hall
Verlon E. Hall, N.M.L.S. No. 3241

SP-81-260 APPROVED AND ACCEPTED BY:
Subdivision No. - City Zone Atlas E-21-Z

Planning Director	8-31-81 Date
City Engineer	8/25/81 Date
Traffic Engineer	6-30-81 Date
Water Resources Dept.	7/1/81 Date
A.M.A.F.C.A.	7/27/81 Date
Parks & Recreation Dept.	7-1-81 Date
Property Management	8/18/81 Date
Chief City Surveyor	7-1-81 Date
Public Service Company	6-30-81 Date
Mountain Bell	7/6/81 Date
Gas Company	8/18/81 Date
Refuse Removal	Date

Sheet 1 of 4

HALL SURVEYING CO.
2625 Pennsylvania Ave N.E., Suite 350
Albuquerque, New Mexico 87110
Phones: (505) 884-6200 & 884-6444
5-1516
Client: Grupe Development Co.

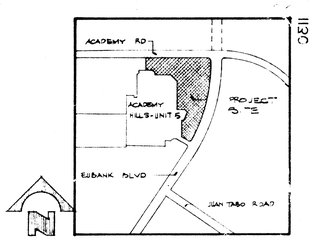
26 1130 0285

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO (PHASE I)

DRAWING No	VAT No	SHEET
1130	E-21	2 OF 13

EL PASEO
TOWN HOUSES
GRUPE DEVELOPMENT COMPANY



VICINITY MAP

"NOTICE TO CONTRACTORS"

1. NEW MEXICO STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 1978 EDITION, SHALL BE REFERRED TO HEREIN AS THE "STANDARD SPECIFICATION".
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL BE MADE EXCEPT AS OTHERWISE STATED OR PROVIDED HEREIN, BE CONSTRUCTED TO ACCEPTANCE BY THE CONTRACT DOCUMENTS, THE CITY OF ALBUQUERQUE AND EACH OF THE SPECIFICATIONS AND THE STANDARD SPECIFICATION.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION CONTRACTOR MUST CONTACT THE LOCATION SERVICE "CLICK-ESA" FOR LOCATION OF UNDERGROUND UTILITIES.
4. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONTACT POINTS. SHOULD A CONFLICT EXIST THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.

THE FOLLOWING NOTES 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.
- [ ] IF CURB IS DEPRESSED FOR A DRIVEWAY, THE SIDEWALK SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
- [ ] ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- [ ] PAINT A BLUE REFLECTOR ADJACENT TO THE FIRE HYDRANT. THE COLOR BLUE SHALL BE EQUIVALENT TO SAFETY BLUE.

APPROVAL OF AS BUILT DRAWINGS
ASST. CITY ENGINEER, RCD
W. A. McGuire
DATE 2/26/85

PLANS FOR SITE GRADING, WATER & SEWER

INDEX TO DRAWINGS

1. COVER SHEET
2-4. RECORD PLAT
5. GRADING PLAN
6. COMPOSITE UTILITY PLAN
7-10 WATER/SEWER PLAN & PROFILE SHEETS
11-13 BUS BAY/TURN BAY DETAILS (STREET P&P FOR INFORMATION ONLY)

NOTE: SHEET NO. 10 DELETED

13A, 13B, 13C PAVING ITEMS
L4, L5, L6 GRADING PLAN, DRAINAGE & RETAINING WALLS

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

APPROVED FOR CONSTRUCTION
Roland S. Wilde 10/26/84
CITY ENGINEER DATE

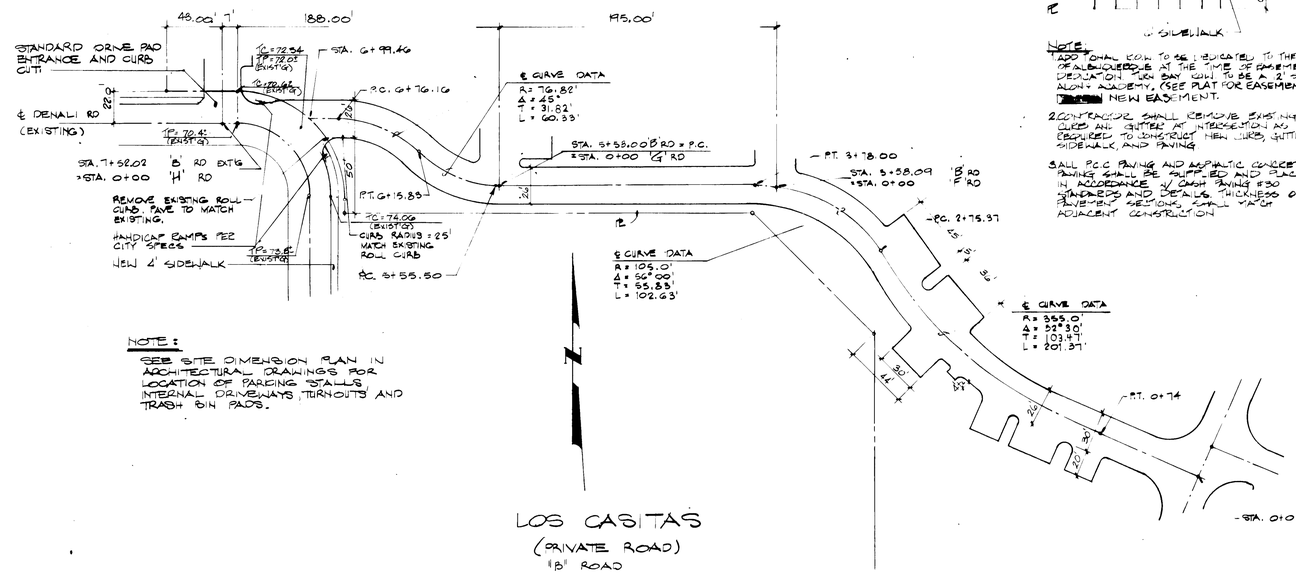
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO (PHASE I)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
CITY ENGINEER	[illegible]	7/30/81	SOLID WASTE	[illegible]	7/31/81
A.C.E. - DESIGN	[illegible]	" "	TRAFFIC	[illegible]	7/31/81
A.C.E. - INTERCEPTOR	[illegible]	7 27 81	WATER	[illegible]	7/31/81

DRAWING NO	MAP NO	SHEET	OF
1130	E-21	1	13

1130



CURB CURVE DATA				
NO.	Δ	R	T	L
1	16° 18' 37"	150'	21.45'	42.57
2	15° 30'	150'	29.31'	56.12
3	55°	58.07'	28.95'	53.72
4	90°	25'	25'	39.27

LOS CASITAS
(PRIVATE ROAD)
"B" ROAD

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

RIGHT TURN BAY - ACADEMY
SCALE: 1" = 20'

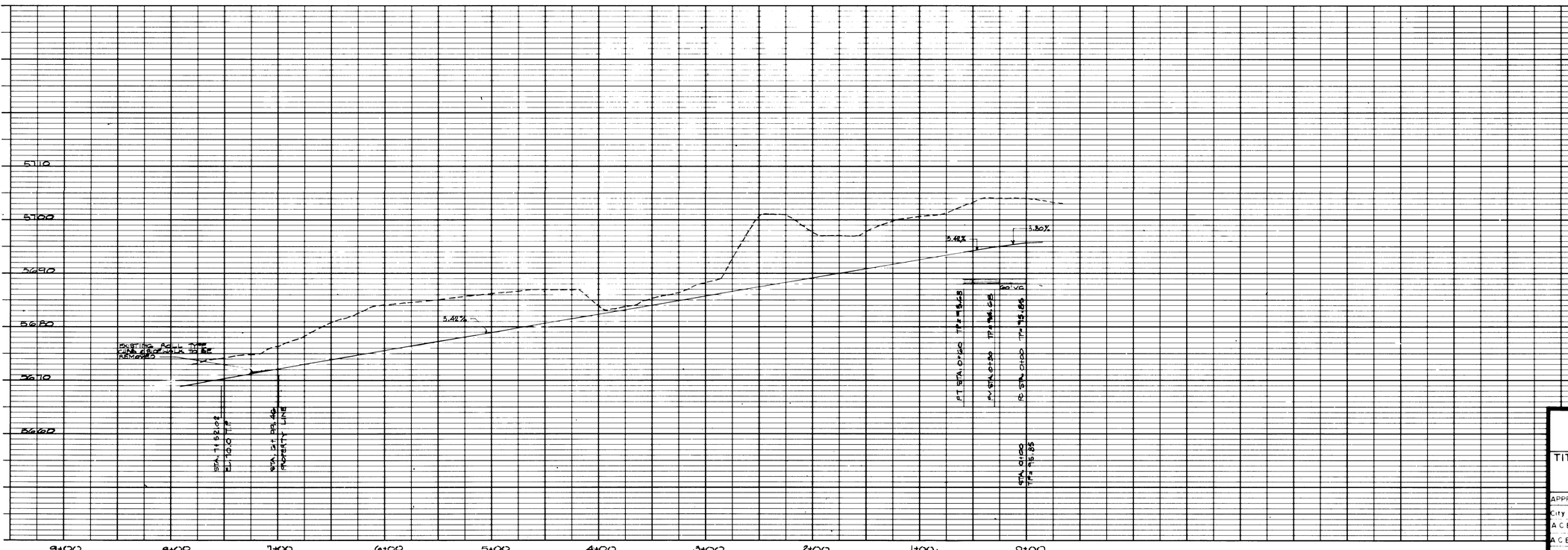


PLATE 1 PLAN-PROFILE O. P. R. & R. E. STANDARD
EUGENE DIETZGEN CO.

1130

AS BUILT INFORMATION
NOTED BY
WORK STAKED BY M. GONZALES DATE
INSPECTED BY DATE
ACCEPTANCE BY DATE
FIELD VERIFICATION BY B. MONTOYA DATE 1-80
DRAWINGS CORRECTED BY R. DURAN DATE 1-80
MICRO-FILM INFORMATION
RECORDED BY DATE
INDEXED BY NO

BENCH MARKS
BM #: LOCATED AT THE INTERSECTION OF B/W LINES OF ACADEMY ROAD (NORTH) AND CONCORDIA ROAD (EAST). TOP OF BRASS CAP ELEVATION = 5698.55.
BM #: LOCATED 479.30' SOUTH OF THE S.W. CORNER LOT 28, UNIT 4, ACADEMY HILLS SUBD. TOP OF BRASS CAP ELEVATION = 5660.42.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	3/16/81	BID ISSUE	M.M.L.

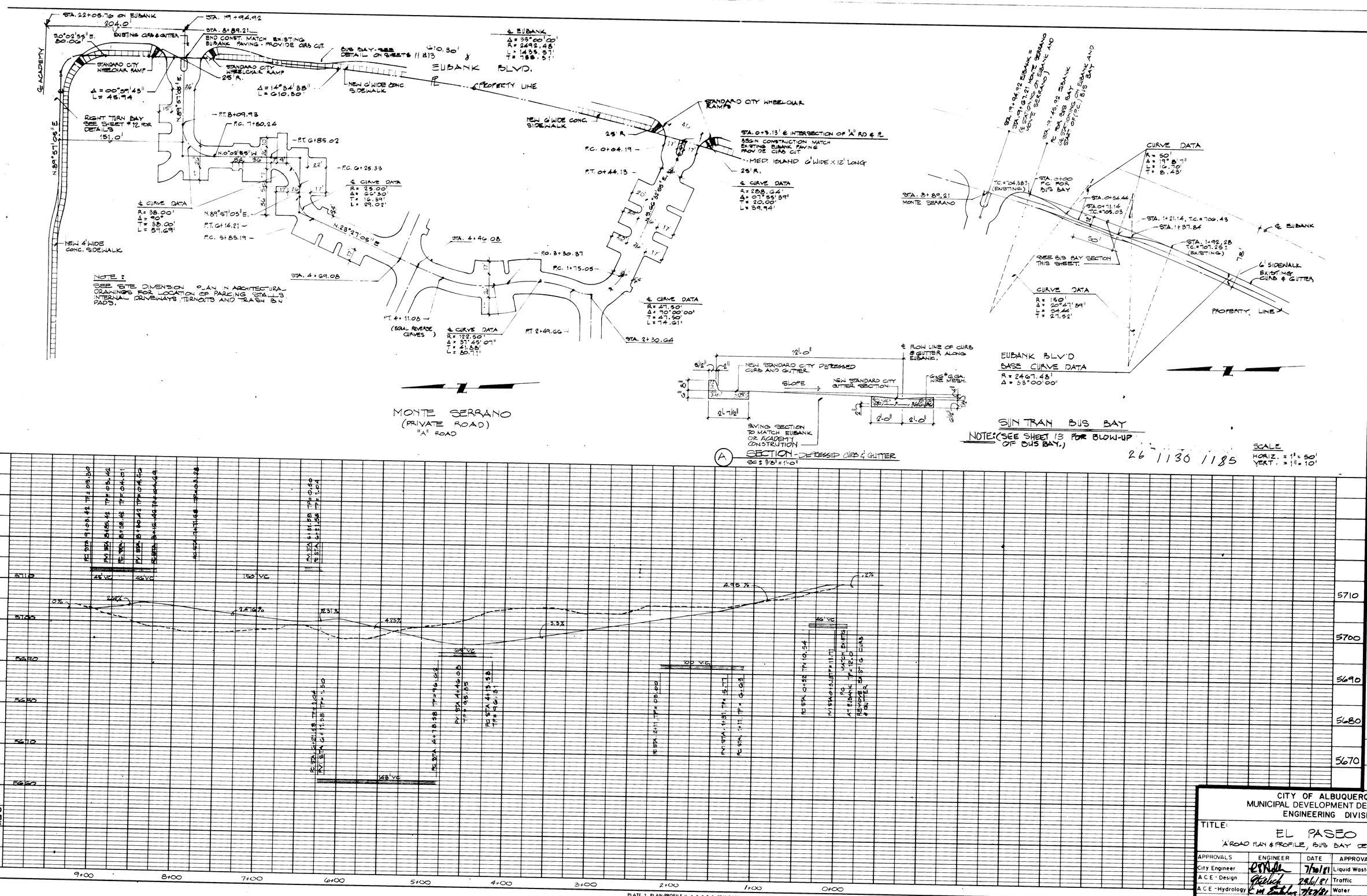
REVISIONS
DESIGN
DESIGNED BY DESIGN PROFESSIONAL DATE 12-15-80
DRAWN BY M.L. DATE 12-15-80
CHECKED BY R.H.A. DATE 5-21-81

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO
"B" ROAD PLAN & PROFILE, RIGHT TURN BAY & SECTION.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/20/81	Liquid Waste		
A.C.E.-Design		7/16/81	Traffic		7/13/81
A.C.E.-Hydrology		7/27/81	Water		

DRAWING NO.	MAP NO.	SHEET	OF
1130	E-21	12	13



AS BUILT INFORMATION

CONTRACTOR
WORK STAKED BY
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY B. Montoya DATE 1/92
DRAWINGS CORRECTED BY K. Chavez DATE 1/93

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO

BENCH MARKS

BM 5 LOCATED AT THE INTERSECTION OF ℄ & ℄ LINES OF ACADEMY ROAD (NORTH) AND CONCORDIA ROAD (EAST). TOP OF BRASS CAP ELEVATION = 5598.55

BM 6 LOCATED 479.30' SOUTH OF THE S.E. CORNER LOT 28, UNIT 4, ACADEMY HILLS SUBD. TOP OF BRASS CAP ELEVATION = 5560.42.

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE

ENGINEER'S SEAL

NO.	DATE	ISSUE	BY
1	3/18/81	B.O.	M.M.L.

REMARKS
REVISIONS
DESIGN

DESIGNED BY Design Professionals DATE 12-15-80
DRAWN BY M.L. DATE 12-15-80
CHECKED BY R.H.A. DATE 5-21-81

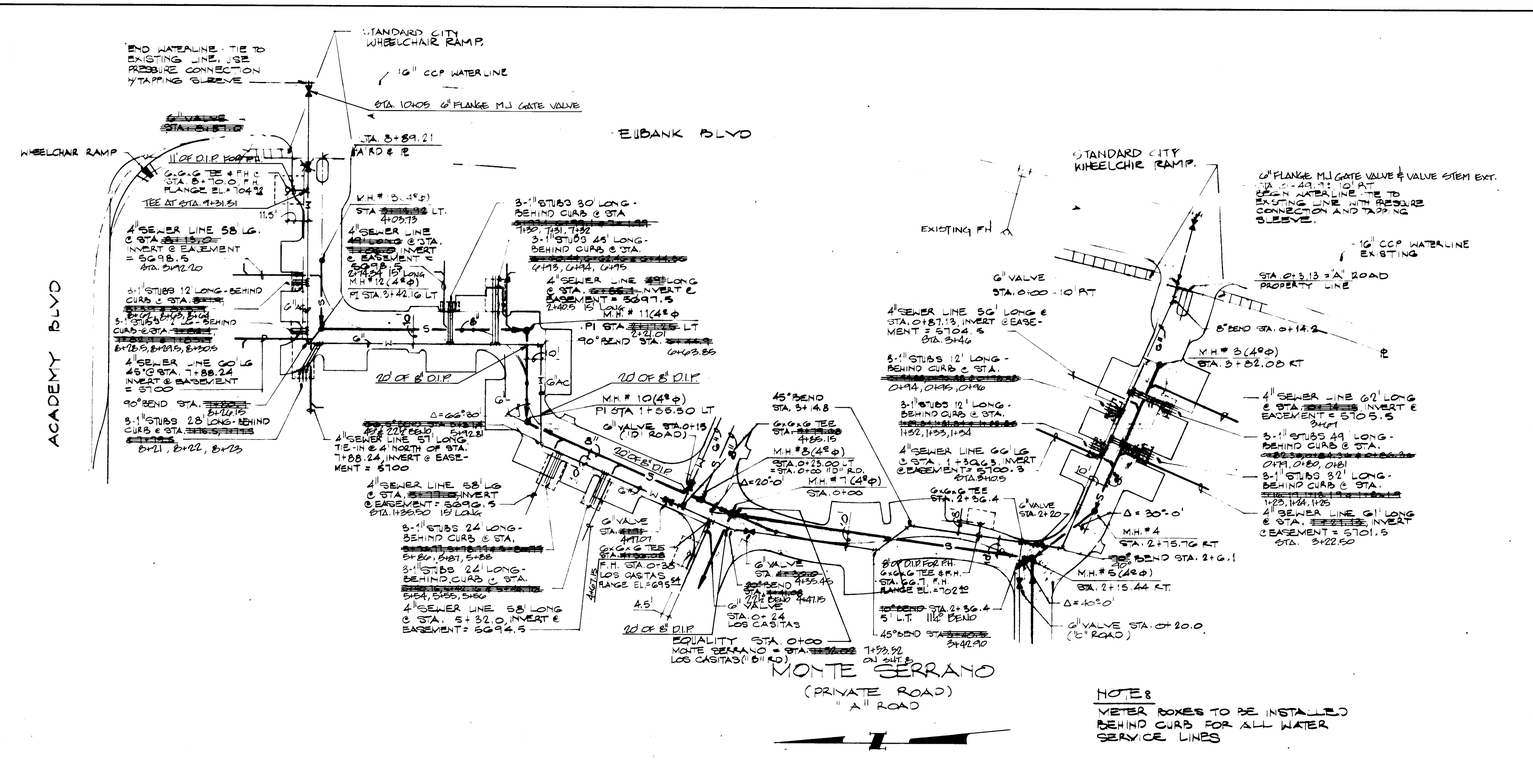
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO
"A" ROAD PLAN & PROFILE, BUS BAY DETAIL & SECTION

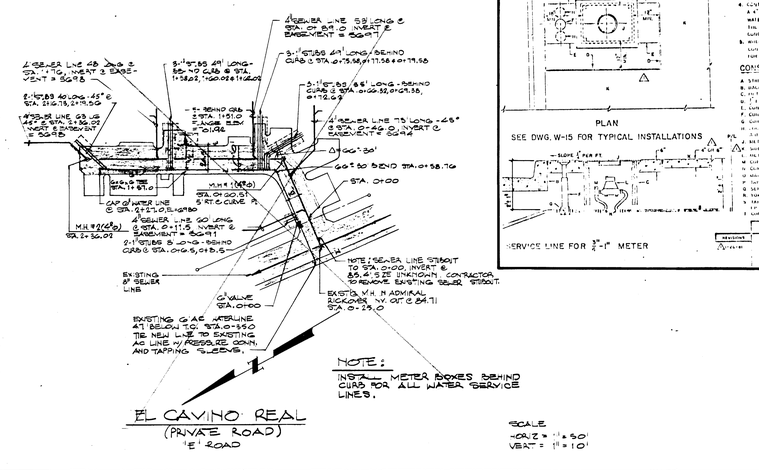
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[signature]	7/30/81	Liquid Waste		
A C E - Design	[signature]	7/6/81	Traffic	[signature]	7/13/81
A C E - Hydrology	[signature]	7/27/81	Water		

DRAWING NO.	MAP NO.	SHEET	OF
1130	E-21	11	13

1130


ACADEMY BLVD
EL BANK BLVD
MONTE CERRANO
(PRIVATE ROAD)
"A" ROAD
STANDARD CITY WHEELCHAIR RAMP
16" CCP WATER LINE
STA. 10+05 6" FLANGE M.J. GATE VALVE
WHEELCHAIR RAMP
END WATERLINE - TIE TO EXISTING LINE, USE PRESSURE CONNECTION W/TAPPING SLEEVE
EXISTING FH
6" VALVE STA. 0+00 - 10' RT
4" SEWER LINE 56' LG. @ STA. 7+87.13, INVERT @ EASEMENT = 5704.5 STA. 5+46
3-1" STUBS 12' LONG - BEHIND CURB @ STA. 0+94, 0+96, 0+98
3-1" STUBS 12' LONG - BEHIND CURB @ STA. 1+52, 1+53, 1+54
4" SEWER LINE 66' LG. @ STA. 1+36.63, INVERT @ EASEMENT = 5700.3 STA. 3+05
6"x6"x6" TEE STA. 2+56.4
6" VALVE STA. 2+20
M.H. #4 STA. 2+75.76 RT
M.H. #5 (48"ø) STA. 2+15.44 RT
6" VALVE STA. 0+20.0 ("E" ROAD)
6" FLANGE M.J. GATE VALVE & VALVE STEM EXT. STA. 0+43.97 - 10' RT
EXISTING 16" CCP WATERLINE
STA. 0+53.13 "A" ROAD PROPERTY LINE
8" BEND STA. 0+14.2
M.H. #3 (48"ø) STA. 0+82.00 RT
4" SEWER LINE 62' LONG @ STA. 0+87.13, INVERT @ EASEMENT = 5705.5 STA. 5+01
3-1" STUBS 49' LONG - BEHIND CURB @ STA. 0+79, 0+80, 0+81
3-1" STUBS 32' LONG - BEHIND CURB @ STA. 1+23, 1+24, 1+25
4" SEWER LINE 61' LONG @ STA. 0+87.13, INVERT @ EASEMENT = 5701.5 STA. 3+22.50
Δ = 30°-0'
Δ = 40°-0'
45° BEND STA. 5+48
6"x6"x6" TEE STA. 4+86.15
M.H. #6 (48"ø) STA. 0+23.00 = STA. 0+00 - 15' R.O.
M.H. #7 (48"ø) STA. 0+00
Δ = 66°-30'
Δ = 26°-0'
4" SEWER LINE 57' LONG T.S. - 16.4' NORTH OF STA. 7+88.24, INVERT @ EASEMENT = 5700
4" SEWER LINE 58' LG @ STA. 4+03.73, INVERT @ EASEMENT = 5699.5 STA. 4+28.50 10' LONG
3-1" STUBS 24' LONG - BEHIND CURB @ STA. 5+80, 5+81, 5+88
3-1" STUBS 24' LONG - BEHIND CURB @ STA. 5+64, 5+65, 5+66
4" SEWER LINE 58' LONG @ STA. 5+32.0, INVERT @ EASEMENT = 5694.5
6" VALVE STA. 0+24 LOS CASITAS
F.H. STA. 0+38 LOS CASITAS FLANGE EL. = 5695.54
EQUALITY STA. 0+00 MONTE CERRANO = STA. 7+93.92 LOS CASITAS (1811.5')
6" VALVE STA. 4+95.49
6" VALVE STA. 7+47.19
45° BEND STA. 5+42.00
10' OF 8" D.I.P.
20' OF 8" D.I.P.
M.H. #10 (48"ø) PI STA. 7+56.50 LT
6" VALVE STA. 0+15 ("D" ROAD)
4" SEWER LINE 49' LONG @ STA. 4+03.73, INVERT @ EASEMENT = 5697.5 STA. 4+28.50 15' LONG
M.H. #11 (48"ø)
PI STA. 4+21.01
90° BEND STA. 4+03.86
PI STA. 3+42.16 LT
M.H. #12 (48"ø)
3-1" STUBS 30' LONG - BEHIND CURB @ STA. 7+80, 7+81, 7+82
3-1" STUBS 45' LONG - BEHIND CURB @ STA. 0+44, 0+44, 0+45
4" SEWER LINE 49' LONG @ STA. 4+03.73, INVERT @ EASEMENT = 5697.5 STA. 4+28.50 15' LONG
M.H. #13 (48"ø)
PI STA. 4+21.01
90° BEND STA. 4+03.86
3-1" STUBS 12' LONG - BEHIND CURB @ STA. 8+18.5, 8+19.5, 8+20.5
4" SEWER LINE 60' LG 45' @ STA. 7+88.24, INVERT @ EASEMENT = 5700
90° BEND STA. 8+18.15
3-1" STUBS 28' LONG - BEHIND CURB @ STA. 8+21, 8+22, 8+23
STA. 8+59.21
PI STA. 7+56.50 LT
STA. 4+03.73
STA. 4+28.50
STA. 3+42.16 LT
STA. 0+94
STA. 0+44
STA. 0+45
STA. 7+80
STA. 7+81
STA. 7+82
STA. 8+18.5
STA. 8+19.5
STA. 8+20.5
STA. 8+21
STA. 8+22
STA. 8+23
STA. 5+48
STA. 4+86.15
STA. 0+23.00
STA. 0+00
STA. 7+88.24
STA. 5+64
STA. 5+65
STA. 5+66
STA. 5+80
STA. 5+81
STA. 5+88
STA. 4+95.49
STA. 7+47.19
STA. 0+24
STA. 0+38
STA. 7+93.92
STA. 5+42.00
STA. 4+28.50
STA. 4+03.73
STA. 3+42.16

NOTE: TO BE BUILT UNDER WORK ORDER 1252



NOTE:
INSTALL METER BOXES BEHIND CURB FOR ALL WATER SERVICE LINES.

GENERAL NOTES:

1. THE METER SHALL BE SET, UTILIZING A COPPER-SETTER WITH INSERTS AND TYPE NUBIS BRONZE VALVE ON INVERT SIDE OF THE METER (COPPER-SETTER HEIGHT w/ 1000 CF METER, 1" FUNCTIONAL).
2. THE VALVE AND METER MAINTENANCE BOX SHALL BE LOCATED UNDER THE SIDEWALK, WHERE TWO METERS ARE TO BE INSTALLED IN A SINGLE METER BOX, THE METER MAINTENANCE BOX SHALL BE WITHIN 18 INCHES OF THE SIDEWALK.
3. FOR DETAILS ON LOCATION, INSTALLATION, DIMENSIONS, AND MATERIALS OF COVER AND LID, SEE DWG. W-16, W-16, W-16, AND W-16.
4. CONTRACTOR SHALL GRAB THE CURB SIDE WITH A 4" PAINT LETTER "W" AT A POINT WHERE A WATER SERVICE LINE CROSSES UNDER THE CURB. THE MARKING SHALL BE LOCATED ONTO THE SIDEWALK.
5. WHEN CONTRACTOR DOES NOT INSTALL METER, CONTRACTOR SHALL PROVIDE REMOVAL PLUGS FOR END OF COPPERSETTER.

CONSTRUCTION NOTES:

A. STREET SURFACE.
B. BACK OF CURB.
C. PROPERTY LINE, SEE DWG. W-16.
D. ½" EXPANSION JOINT.
E. CONTRACTION JOINT.
F. CONCRETE FOR SINGLE LINE INSTALLATION
G. CURB STOP.
H. CONCRETE OF CURB BOXES WHERE TWO METERS ARE INSTALLED IN A SINGLE METER BOX.
I. METER BOX COVER, SEE DWG. W-16 OR W-16.
J. SIDEWALK OR DRIVEWAY.
K. METER.
L. COPPERSETTER WITH VALVE.
M. CONFIGURATION STOP.
N. MAIN WATER LINE.
O. EXPANSION SADDLE IF REQUIRED.
P. SERVICE LINE.
Q. TEE.
R. TEE FEED TO PROPERTY LINE, WITH INSTA-TITE OR APPROVED FITTING.
S. CURB TAPS.

PLAN

SEE DWG. W-15 FOR TYPICAL INSTALLATIONS

SERVICE LINE FOR ¾"-1" METER

REVISIONS	CITY OF ALBUQUERQUE
	WATER
	METERED SERVICE LINE INSTALLATION
	DWG. W-10-1 NOV. 1978

GENERAL NOTES:

1. THE ENGINEER SHALL PROVIDE DESIGN FOR ALL JOINTS WHICH ARE TWO 14".

PIPE SIZE	90 BEND	45 BEND	22½ BEND	11¼ BEND	TEE OR PLUG (15 MAX.)	CROSS OR TEE (12 MAX.)
4"	1'	1'	1'	1'	1'	1'
6"	1'	1'	1'	1'	1'	1'
8"	1'	1'	1'	1'	1'	1'
10"	1'	1'	1'	1'	1'	1'
12"	1'	1'	1'	1'	1'	1'
14"	1'	1'	1'	1'	1'	1'
16"	1'	1'	1'	1'	1'	1'
18"	1'	1'	1'	1'	1'	1'
20"	1'	1'	1'	1'	1'	1'
24"	1'	1'	1'	1'	1'	1'
30"	1'	1'	1'	1'	1'	1'
36"	1'	1'	1'	1'	1'	1'
42"	1'	1'	1'	1'	1'	1'
48"	1'	1'	1'	1'	1'	1'
54"	1'	1'	1'	1'	1'	1'
60"	1'	1'	1'	1'	1'	1'
72"	1'	1'	1'	1'	1'	1'

PLAN PLAN PLAN

ELEVATION CONCRETE BLOCKING FOR TEE

ELEVATION CONCRETE BLOCKING FOR PLUG OR CAP

ELEVATION CONCRETE BLOCKING FOR ELBOW

CONSTRUCTION NOTES:

A. UNDISTURBED EARTH.
B. O.D. OF PIPE + 8".
C. O.D. OF CAP OR PLUG, MIN. 12" X 12".

REVISIONS	CITY OF ALBUQUERQUE
	WATER
	CONCRETE BLOCKING DESIGN
	DWG. W-22 NOV. 1978

GENERAL NOTES:

1. NO CONSTRUCTION WILL BE PERMITTED WITHIN 2 FT OF FIRE HYDRANT.
2. HYDRANT LEG MUST BE VALVED FOR MAIN LINE DEPTH GREATER THAN 18".
3. CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING TOP FLANGE OF FIRE HYDRANT TO THE CONTROLLED ELEVATION LINE.
4. FIRE HYDRANT SHALL BE LOCATED AT BEGINNING OF CURB RETURN ON PERPENDICULAR TO P/L, CURBLINE TO ADJACENT LOTS, UNLESS OTHERWISE SHOWN ON PLANS. SEE DWG. W-19 AND W-21.
5. WHEN EXISTING SIDEWALK ABUTS CURB, RECONSTRUCT SIDEWALK AS PER DWG. P-14.
6. PUMPER NOZZLE TO BE SET FACING THE TRAVELED WAY, UNLESS OTHERWISE NOTED ON PLANS.
7. SEE DWG. P-19 WHEN FIRE HYDRANT IS LOCATED ON A SIDEWALK.

CONSTRUCTION NOTES:

A. FIRE HYDRANT PER SPEC'S.
B. PUMPER NOZZLE, 4½".
C. HOSE NOZZLE 2½".
D. ½" EXPANSION JOINT MATERIAL.
E. SLOPE ¼" PER FT.
F. 3' x 3' x 6" CONC. EQ. PAD, TO BE CONSTRUCTED AROUND FIRE HYDRANT'S CENTER LINE WHEN NOT LOCATED WITHIN SIDEWALK OR CURB AREA.
G. BACK OF CURB.
H. CONTROLLED ELEV. LINE, LEVEL IN ALL DIRECTIONS.
I. DUCTIL THRUST BLOCK, APPROX. 6' X 6' X 3' TO BE POURED AGAINST UNDISTURBED EARTH, 6 IN. WIDE. HOLE MUST BE UNDISTURBED.
K. GRAVEL DRAIN POCKET, COVER TOP SURFACE WITH TAR PAPER.

TEE ON MAIN

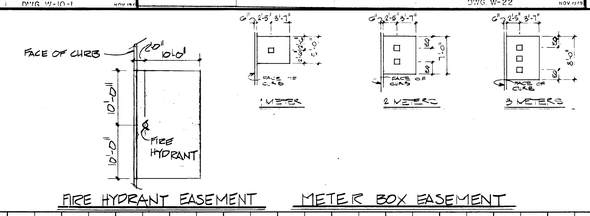
DETAIL OF FIRE HYDRANT SETTING WITH BLOCKING

REVISIONS	CITY OF ALBUQUERQUE
	WATER
	FIRE HYDRANT INSTALLATION
	DWG. W-20-1 NOV. 1978

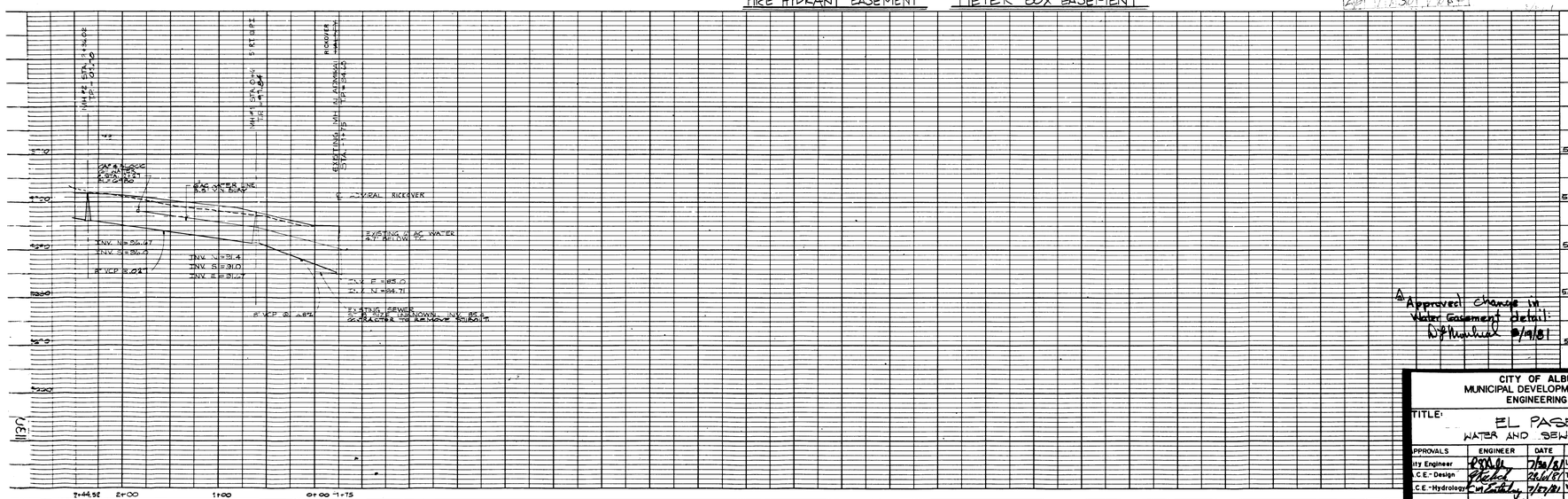
GENERAL NOTES

1. USE TYPE 'C' MANHOLE FOR DEPTHS OF LESS THAN SIX FEET FROM INVERT TO R.M. CONTRACTOR MAY CONSTRUCT TYPE 'C' MANHOLE IN LIEU OF TYPE 'B' WITHOUT NOTICE FOR DEPTHS OF SIX FEET OR MORE. ALL MANHOLES TO BE 4' I.D.
2. ALL TEES, BENDS AND CAPS SHALL BE BLOCKED ACCORDING TO CURRENT CITY OF ALBUQUERQUE STANDARDS. SEE THIS SHEET FOR DETAILS.
3. SEE THIS SHEET FOR FIRE HYDRANT DETAILS AND TYPICAL WATER SERVICE BURIAL DETAILS.
4. SHADED AREAS DENOTE CITY OF ALBUQUERQUE UTILITY EASEMENTS.
5. SEE THIS SHEET FOR WATER METER BOX INFORMATION AND FOR WATER SERVICE LINE DEPTHS AT BASELINE AT LINES.
6. Δ = DEFLECTION ANGLE BETWEEN SEWER LINES.
7. SEE THIS SHEET FOR DIMENSION OF FIRE HYDRANT AND WATER METER BOX EASEMENTS.
8. DIMENSIONS SHOWN FOR FIRE HYDRANTS ARE FROM ℄ OF WATER LINE, TO ℄ OF F.H. (NOMINALLY 1'-6" BACK OF CURB TO ℄)

7/30/81



FIRE HYDRANT EASEMENT METER BOX EASEMENT



Approved change in Water Easement detail: [illegible] 8/9/81

PLATE 1 PLAN-PROFILE O. P. A. & A. L. STANDARD
EUGENE DIETZGEN CO.

AS BUILT INFORMATION		
CONTRACTOR		DATE
WORK STAKED BY		DATE
INSPECTED BY		DATE
ACCEPTANCE BY		DATE
VERIFICATION BY		DATE
CORRECTED BY		DATE
RECORDED BY		DATE

AS BUILT INFORMATION FILM

NO.	RECORDED BY	DATE

BENCH MARKS

DK LOCATED AT THE INTERSECTION OF ¼ LINES OF SECTIONS 8 AND 9 ALBUQUERQUE, NEW MEXICO

ALBUQUERQUE ROAD (NORTH) AND CONCORDIA ROAD (EAST). TOP OF BRASS CAP ELEVATION = 5515.655.

BM LOCATED APPROX. 30' NORTH OF S.E. CORNER LOT 58, UNIT 3, M. ACKLEY HILLS "GUIDO" TOP OF BRASS CAP ELEVATION = 5505.46.

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE

ENGINEER'S SEAL

NO.	DATE	ISSUE	REMARKS	BY
1	3/9/81	B/D		W.H.L.

REVISIONS

DESIGN

DESIGNED BY DESIGN PROFESSIONALS DATE 12-15-80
DRAWN BY W.H.L. DATE 12-15-80
CHECKED BY R.A.K. DATE 5-4-81

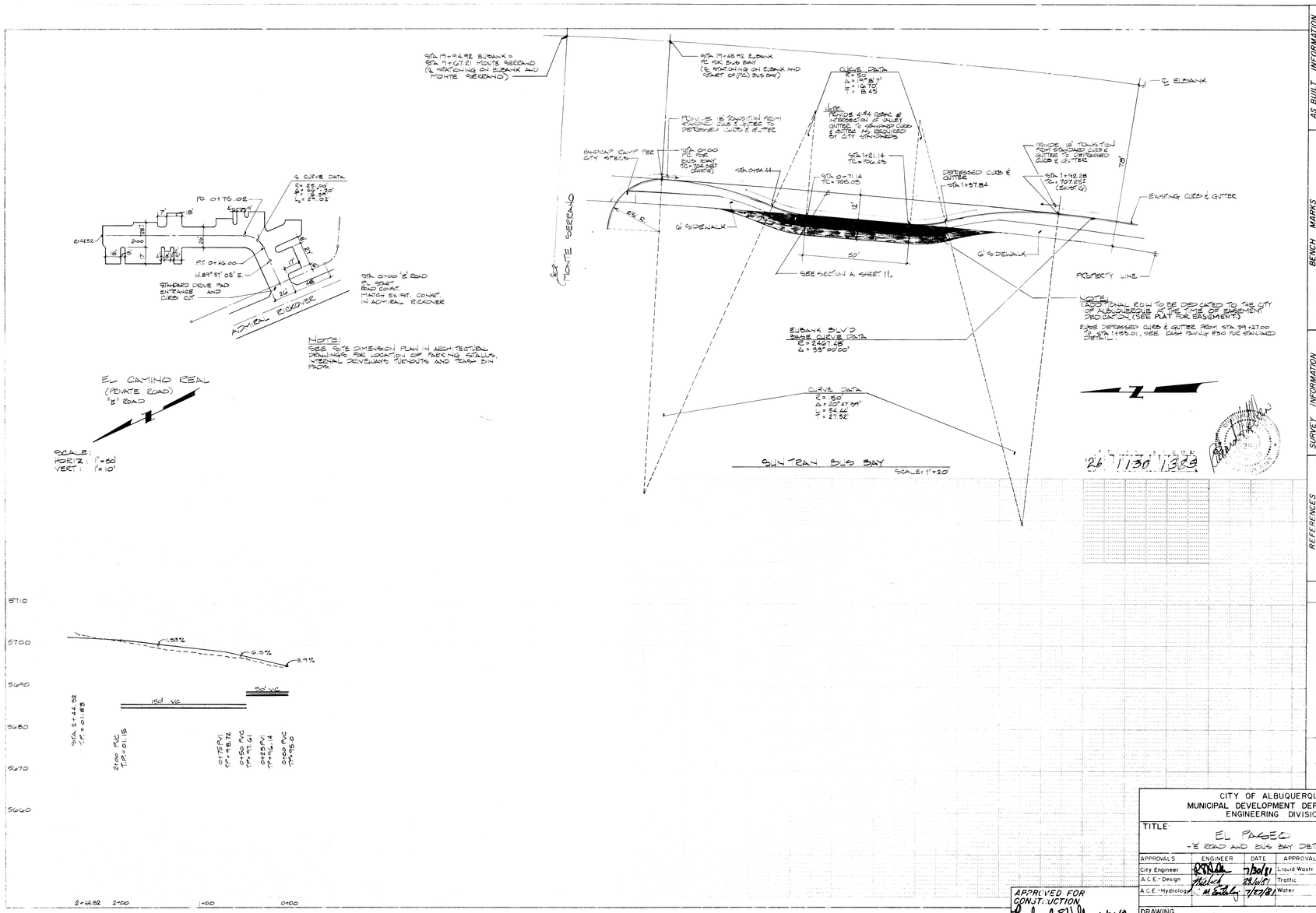
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO
WATER AND SEWER PLANS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[illegible]	7/30/81	Liquid Waste	[illegible]	
C.E.-Design	[illegible]	7/30/81	Traffic	N.A.	
C.E.-Hydrology	[illegible]	7/27/81	Water	[illegible]	

DRAWING NO. 1130 MAP NO. [illegible] SHEET 10

1130



APPROVED FOR CONSTRUCTION
Richard S Walker 10/22/10
CITY ENGINEER DATE

AS BUILT INFORMATION	
CONTRACTOR	
STAKED BY	
FIELD VERIFIED BY M. GONZALES	DATE
RECEIVED BY	
RECEIVED BY	DATE
VERIFICATION BY B. MONTOYA	DATE
COMPUTED BY B. DUGAN	DATE 11-1-95
MICRO-FILM INFORMATION	
FILMED BY	DATE
REVIEWED BY	DATE
NO.	

BENCH MARKS

BM 1 LOCATED AT THE INTERSECTION OF BM LINES OF ACADEMY ROAD (NORTH) AND CORDOVA ROAD (EAST). TOP OF BRASS CAP ELEVATION = 5878.66

BM 2 LOCATED 475.50' SOUTH OF THE S.E. CORNER, LOT 68, UNIT 4, ACADEMY HILLS SUBD. TOP OF BRASS CAP ELEVATION = 5880.42

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE

REFERENCES

MAP NO. E-21 W.O. NO.
EST. NO.

NO.	DATE	REMARKS	BY
1	3/6/98	BID ISSUE	HML

REVISIONS

DESIGN

DESIGNED BY ORIGINAL PROFESSIONAL ENGINEER'S SEAL DATE 12/15/80
DRAWN BY W.M.L. DATE 12/15/80
CHECKED BY R.H.A. DATE 5/21/81

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO
-E ROAD AND BUS BAY DETAIL

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/30/81	Liquid Waste		
A.C.E.-Design		7/31/81	Traffic		7/13/81
A.C.E.-Hydrology	M Eichelberger	7/27/81	Water		

DRAWING NO. 1130

SHEET 13 OF 13

26 1130 1389