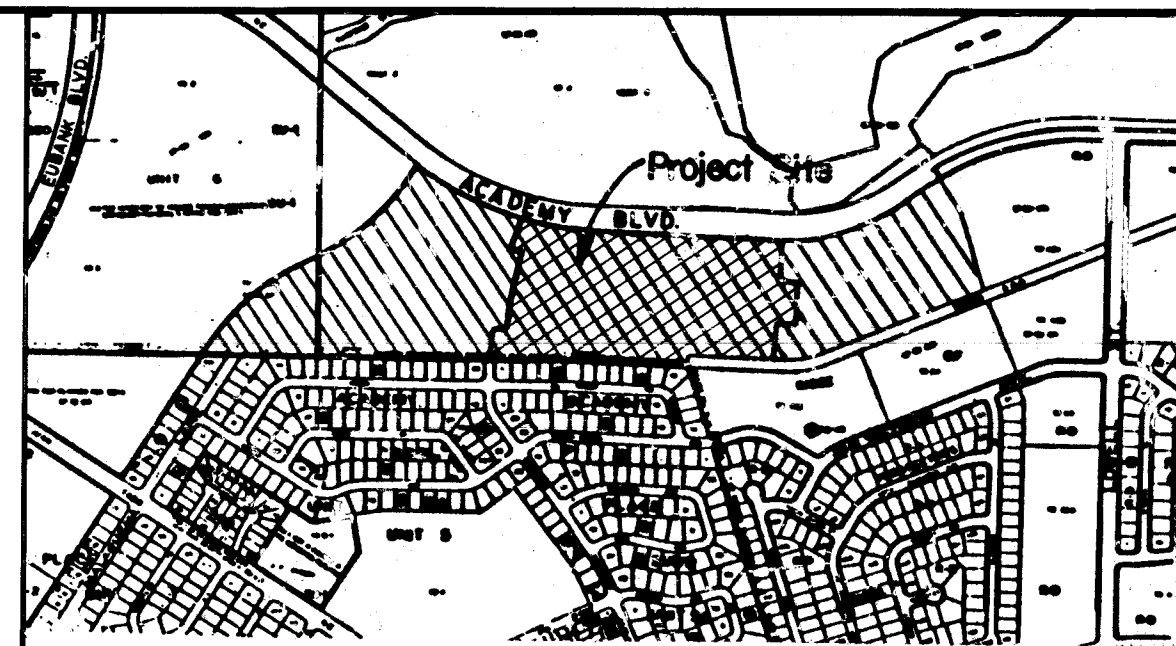


CONSTRUCTION PLANS
FOR
ACADEMY RIDGE EAST
PHASE II
ALBUQUERQUE, NEW MEXICO

NO.	DESCRIPTION
1	TITLE SHEET
2-6	PLAT
7	PAVING LAYOUT
8	WATER DISTRIBUTION PLAN
9	SANITARY SEWER LAYOUT
10-11	GRADING PLAN
12	RETAINING WALL DETAILS
12A & 12B	RETAINING WALL PROFILES
13	ACADEMY RIDGE ROAD
14	MALAGUENA LANE
15	MALAGUENA LANE & ACADEMY RIDGE ROAD
16	ACADEMY RIDGE PLACE & ACADEMY RIDGE DRIVE
17-18	PUBLIC DRAINAGE & ACCESS RIGHT-OF-WAY
19	MISCELLANEOUS DETAILS



VICINITY MAP

NOT TO SCALE
MAP NO. E-21 & E22

GENERAL NOTES

NOTICE TO CONTRACTORS

- ALL WORK DETAILLED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS PUBLIC WORKS CONSTRUCTION, 1935 EDITION.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 755-1234, FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

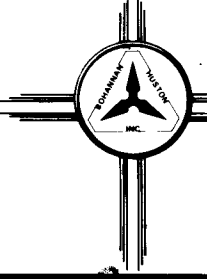
- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☒ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER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

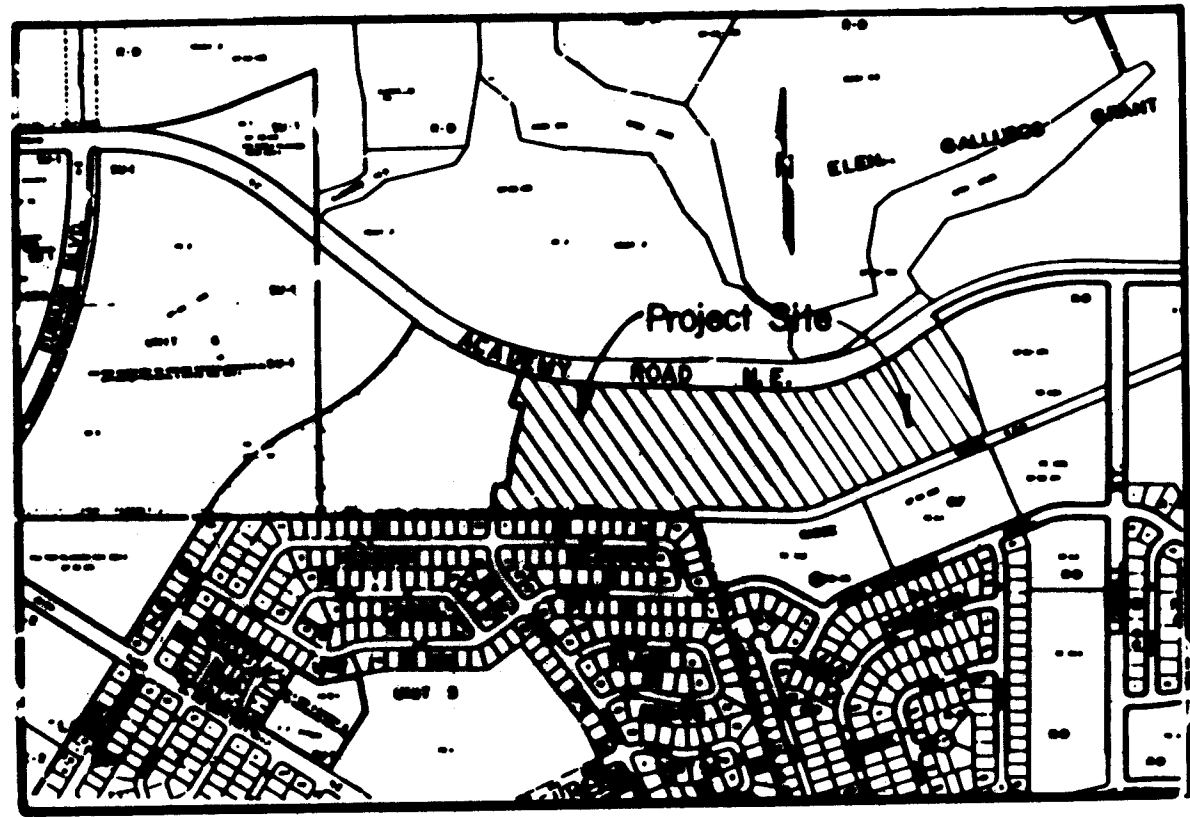
Russell B. Luter
2-24-87

26 27 67 01 87

REV	SHEETS	CITY ENGINEER	DATE	USER	DEPT.	DATE	USER	DEPT.	DATE
2	13, 16, 18								
1	12, 12A, 12B								

APPROVAL OF REVISIONS

<i>Sara Bennett</i> 4-23-86	 BOHANNAN - HUSTON INC. ALBUQUERQUE - SANTA FE - EL PASO ENGINEERS PLANNERS PHOTOGRAMMETRISTS	APPROVED FOR CONSTRUCTION
		<i>[Signature]</i> 7/22/86
PROJECT NUMBER 2767		SHEET 1 OF 19



LOCATION MAP
Zone Atlas Map No. E-21-ZB E-22-Z

NOTES

1. Bearings are New Mexico State Plane Grid Bearings (Central Zone)
2. Distances are ground distances.
3. Record bearings and distances of adjoining recorded plats are shown in parenthesis.
4. Site is located within Projected Sections 27 and 28, T11N, R4E, N.M.P.M.

SUBDIVISION DATA

1. DRB Number: 84-212
2. Zone Atlas Index No. E-21 and E-22.
3. Gross Subdivision Acreage: 32.8698 acres.
4. Total Number of Lots Created: 142 lots.
5. Total Mileage of Full-Width Street Created: 0.736 Mile.
6. Plat was prepared from existing Plats of Record.
7. Centerline (in lieu of R/W) monumentation to be installed at all centerline PC's, PT's, angle points and street intersections prior to acceptance of subdivision street improvements and will consist of a four-inch (4") aluminum alloy cap (with magnet attached) stamped "City of Albuquerque", Centerline Monument, "Do Not Disturb", "P.L.S. # 6544."
8. This plat shows existing easements.

AMERICAN WEST CORPORATION

I, A. Dwin Weaver, a registered Professional New Mexico Land Surveyor, certify that this plat was prepared by me or under my supervision, shows all easements of record, meets the minimum requirements for monumentation and surveys contained in the Albuquerque Subdivision Ordinance, and is true and accurate to the best of my knowledge and belief.

A. Dwin Weaver
P.L.S. No. 6544
State of New Mexico)
County of Bernalillo)

The foregoing instrument was acknowledged before me this 14 day of May, 1986, by A. Dwin Weaver.

My Commission Expires: 4-15-86

Notary Public

86 66178

State of New Mexico)
County of Bernalillo)
This instrument is a Subdivision Plat Map

SUBDIVISION PLAT MAP FOR ACADEMY RIDGE EAST UNIT TWO WITHIN PROJECTED SECTIONS 27 and 28, T11N, R4E, N.M.P.M. ALBUQUERQUE, NEW MEXICO APRIL 1986

FREE CONSENT AND DEDICATION

The foregoing Replat of that certain tract of land situate within the Elena Gallegos Grant, City of Albuquerque, Bernalillo County, New Mexico, being and comprising Tract A, of the AMENDED Subdivision Plat Map for UNIT ONE, ACADEMY RIDGE EAST as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on December 18, 1985 in Volume C29, Folio 30 and Tract A4B1, PROSPECTOR'S RIDGE (except the northerly 53 feet thereof) as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on September 20, 1982 in Volume C20, Folio 47, and the northerly 20 feet of the Bear Tributary Arroyo drainage right-of-way extending along the southerly boundary of Tract A4B1, Prospector's Ridge as described in Vacation Ordinance V-85-89 (DRB-85-716) and now hereon shown and comprising ACADEMY RIDGE EAST, UNIT TWO, is with free consent and in accordance with the desires of the undersigned owners and/or proprietors thereof and said owners and/or proprietors do hereby dedicate all public rights-of-way and grant all easements shown on this plat. Electrical Power and Communication easements are reserved for overhead distribution lines for pole type utilities and buried distribution lines, conduits, and pipes for underground utilities where shown or indicated, and including the right of ingress and egress for construction maintenance, and the right to trim interfering trees and shrubs.

AMERICAN WEST CORPORATION

Allan L. Whitesel
Vice President, American West Corporation

State of New Mexico)
County of Bernalillo)

The foregoing instrument was acknowledged before me this 23rd day of May, 1986, by Allan L. Whitesel, Vice President, American West Corporation, a New Mexico Corporation on behalf of said Company.

My Commission Expires: 11-1-88

L. K. Cornwell
Notary Public

APPROVALS

PLAT NUMBER 5-84-23

Richard Brown
MANAGING DIRECTOR

Bill J. Leach
ENGINEER

David A. Zimm
TRAFFIC ENGINEER

Paul Chitt
CITY SURVEYOR

P. Val Vallen
PROPERTY MANAGEMENT

Brenda J. Taught
WATER RESOURCES

Paul J. Myers
PARKS & RECREATION

Wayne Hanning
PUBLIC SERVICE COMPANY OF NEW MEXICO

Mountain Bell
GAS COMPANY OF NEW MEXICO

7-21-86

DATE

7-17-86

DATE

7-17-86

DATE

4-22-86

DATE

6-4-86

DATE

4-22-86

DATE

6-2-86

DATE

6-3-86

DATE

6-2-86

DATE

DESCRIPTION

A certain tract of land situate within the Elena Gallegos Grant, City of Albuquerque, Bernalillo County, New Mexico being Tract A, of the AMENDED Subdivision Plat Map for UNIT ONE, ACADEMY RIDGE EAST as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on December 18, 1985 in Volume C29, Folio 30 and a portion of Tract A4B1, PROSPECTOR'S RIDGE as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on September 20, 1982 in Volume C20, Folio 47 and a portion of the northerly 20 feet of the Bear Tributary Arroyo drainage right-of-way extending along the southerly boundary of Tract A4B1, Prospector's Ridge as described in Vacation Ordinance V-85-89 (DRB-85-716) and being more particularly described as follows:

BEGINNING at a point on the southerly boundary of the tract herein described being a point on the northerly boundary of a 40 foot wide Drainage, Access and Waterline Right-of-Way whence the City of Albuquerque Control Station "HARRY" a brass cap (having New Mexico State Plane Grid Coordinates, Central Zone, X = 423,375.12 Y = 1,505,887.52) bears S23°13'25"E, 3983.52 feet and from said point of beginning running thence along the southerly boundary of the tract herein described, 94.96 feet along the arc of a curve to the right having a radius of 440.00 feet and a chord bearing S84°55'51"W, 94.77 feet to a point of tangency; thence continuing along said southerly boundary, N88°53'35"W, 507.01 feet to the southeast corner of said Tract A; thence continuing along the southerly boundary of Tract A being also the southerly boundary of the tract herein described, N88°53'35"W, 964.36 feet to the southwest corner of said Tract A being also the southwest corner of the tract herein described; thence along the west boundary of said Tract A being also the west boundary of the tract herein described, N01°06'25"E, 105.00 feet to a point of curvature; thence, 39.27 feet along the arc of a curve to the right having a radius of 25.00 feet and a chord bearing N46°06'25"E, 35.36 feet to a point of tangency; thence, N01°06'25"E, 50.00 feet to a point; thence, S88°53'35"W, 103.00 feet to a point; thence, N01°06'25"E, 139.00 feet to a point; thence, N14°05'57"E, 179.08 feet to a point on a curve; thence, 87.25 feet along the arc of a curve to the right having a radius of 1655.40 feet and a chord bearing N75°41'39"W, 87.24 feet to a point; thence, N25°01'14"E, 50.67 feet to a point on a curve; thence, 40.14 feet along the arc of a curve to the right having a radius of 25.00 feet and a chord bearing N28°28'35"W, 35.97 feet to a point of tangency; thence, N17°31'15"E, 69.70 feet to a point; thence, N61°27'06"E, 34.69 feet to the northwest corner of said Tract A being also the northwest corner of the tract herein described; thence along the southerly right-of-way of Academy Road, N.E., being also the northerly boundary of said Tract A and the tract herein described, 370.10 feet along the arc of a curve to the left having a radius of 1485.40 feet and a chord bearing S81°45'19"E, 369.14 feet to a point of tangency; thence continuing along said right-of-way, S88°53'35"W, 462.13 feet to the northeast corner of said Tract A; thence continuing along the northerly boundary of the tract herein described, S88°53'35"W, 415.67 feet to a point of curvature; thence, 752.79 feet along the arc of a curve to the left having a radius of 1059.16 feet and a chord bearing N70°44'45"E, 737.04 feet to a point of reverse curvature; thence, 172.52 feet along the arc of a curve to the right having a radius of 1379.39 feet and a chord bearing N53°58'02"E, 172.40 feet to a point on the east boundary of said Tract A4B1 being the northeast corner of the tract herein described; thence continuing along the east boundary of said Tract A4B1, S32°27'30"E, 216.07 feet to a point; thence, S17°16'27"E, 411.03 feet to the southeast corner of said Tract A4B1 being also the southeast corner of the tract herein described; thence continuing along the southerly boundary of said Tract A4B1, S67°05'21"W, 705.00 feet to a point; thence leaving the southerly boundary of said Tract A4B1, S22°54'39"E, 20.00 feet to a point; thence along said Drainage, Access and Waterline Right-of-Way, S67°05'21"W, 187.47 feet to a point of curvature; thence, 89.50 feet along the arc of a curve to the right having a radius of 440.00 feet and a chord bearing S72°55'17"W, 89.34 feet to the point and place of beginning.

Tract contains 32.8698 acres, more or less.

SHEET 1 OF 5 SHEETS

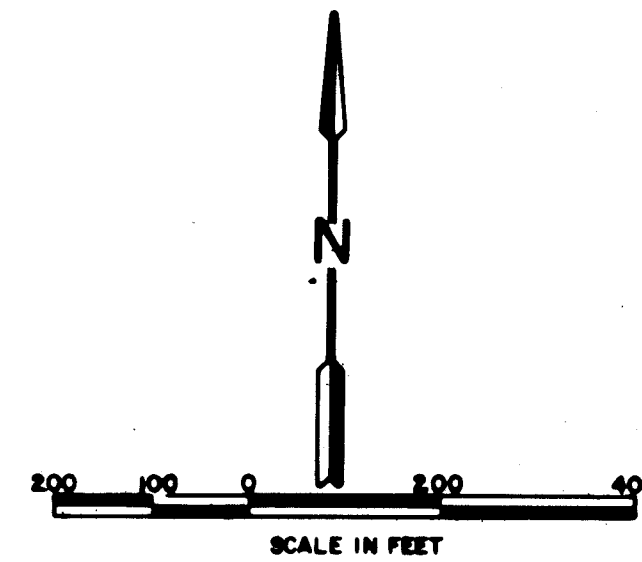
C 31-13

PROJECT NUMBER

2767

SHEET 2 OF 19

26 27670287



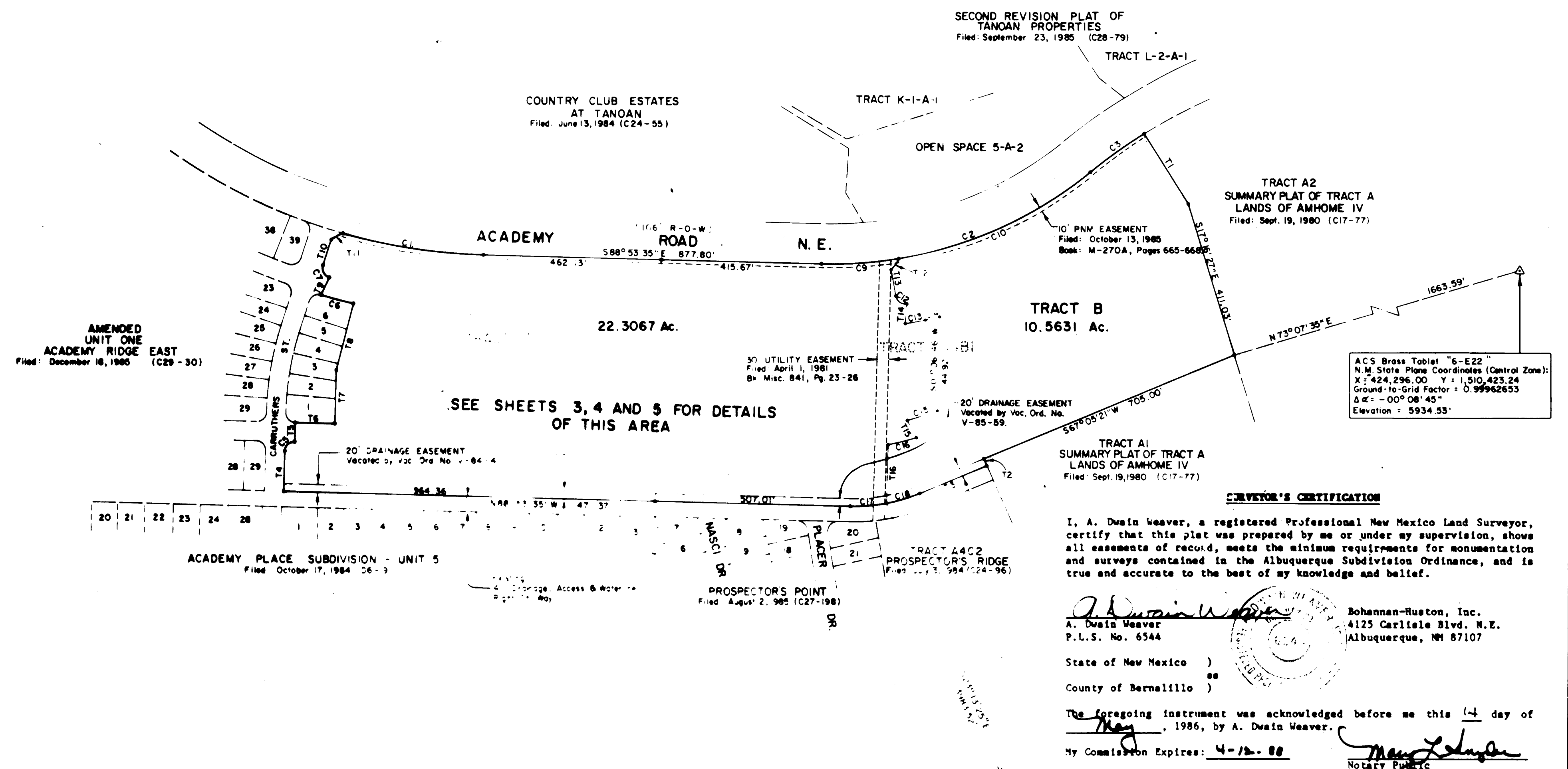
TANGENT DATA		
NO.	BEARING	DISTANCE
T1	S32-27-30E	216.07
T2	S22-54-39E	20.00
T3	S67-05-21W	187.47
T4	N01-06-25E	105.00
T5	N01-06-25E	50.00
T6	S88-53-35E	103.00
T7	N01-06-25E	139.00
T8	N14-05-57E	179.08
T9	N25-01-14E	50.67
T10	N17-31-15E	69.70
T11	N61-27-06E	34.69
T12	S34-50-49W	35.55
T13	S10-28-20E	70.00
T14	S04-57-34W	51.65
T15	S28-21-20E	51.17
T16	S01-06-46W	152.72

CURVE DATA				
NO.	RADIUS	ARC	CHORD	DELTA
C1	1485.40	370.10	369.14	14-16-32
C2	1059.16	752.79	737.04	40-43-21
C3	1379.39	172.52	172.40	07-09-57
C4	440.00	184.45	183.10	24-01-09
C5	25.00	39.27	35.36	90-00-00
C6	1655.40	87.25	87.24	03-01-12
C7	25.00	40.14	35.97	91-59-40
C9	1059.16	202.25	201.94	10-56-27
C10	1059.16	550.54	544.36	29-46-54
C12	25.00	39.01	35.17	89-24-01
C13	1229.16	52.85	52.84	02-27-48
C14	777.23	38.94	38.94	02-52-15
C15	1103.25	82.25	82.23	04-16-17
C16	1153.25	75.23	75.22	03-44-15
C17	440.00	94.96	94.77	12-21-54
C18	440.00	89.50	89.34	11-39-14

State of New Mexico } SS 86 66178
County of Bernalillo }
This instrument was filed for record on

JUL 21 1986
Notary Public
County of Bernalillo

SUBDIVISION PLAT MAP
FOR
ACADEMY RIDGE EAST
UNIT TWO
WITHIN PROJECTED SECTIONS 27 and 28, T11N, R4E, N.M.P.M.
ALBUQUERQUE, NEW MEXICO
SCALE: 1"=200' APRIL 1986



SHEET 2 OF 5 SHEETS

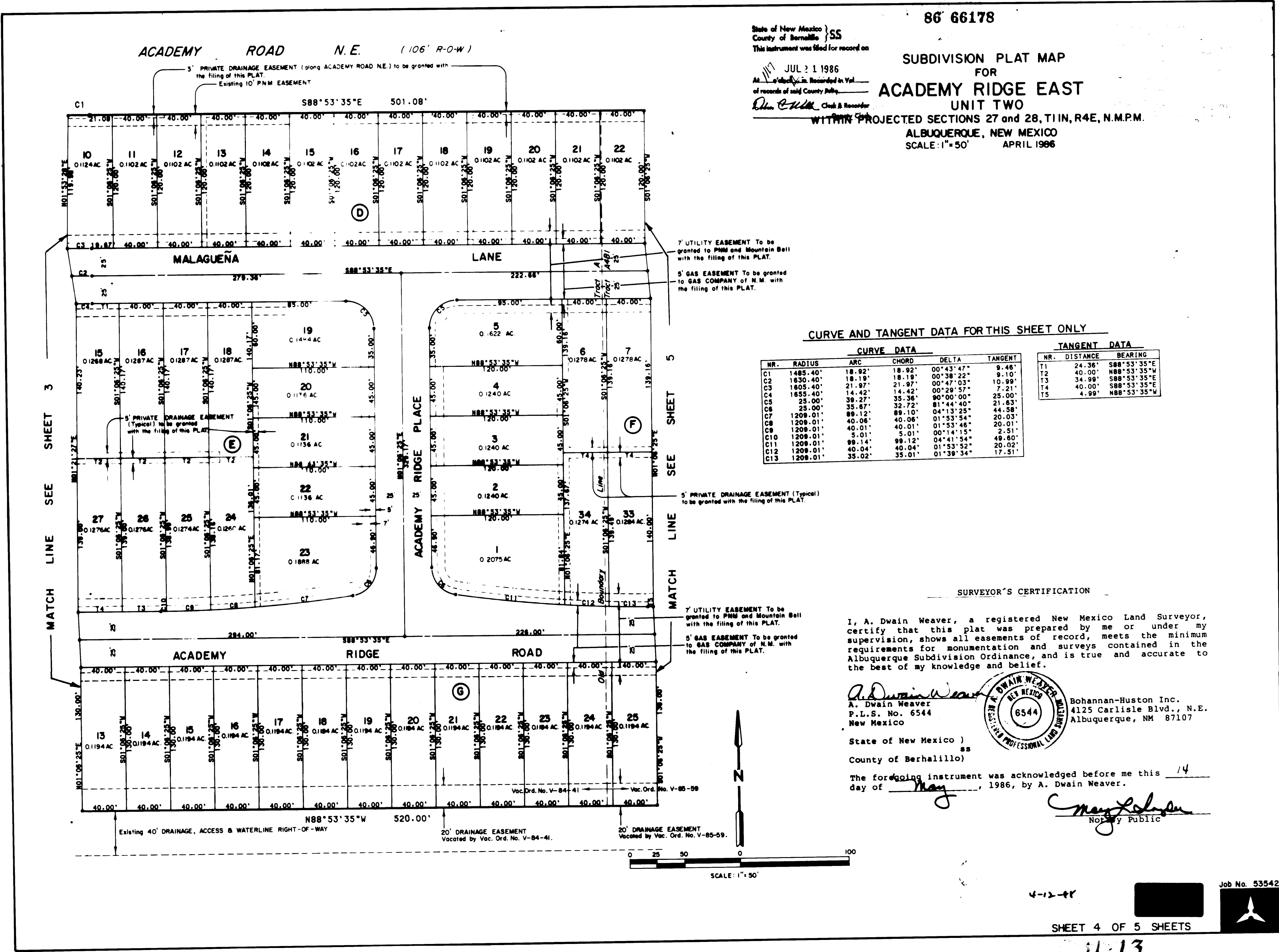
C31-13

26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

PROJECT NUMBER

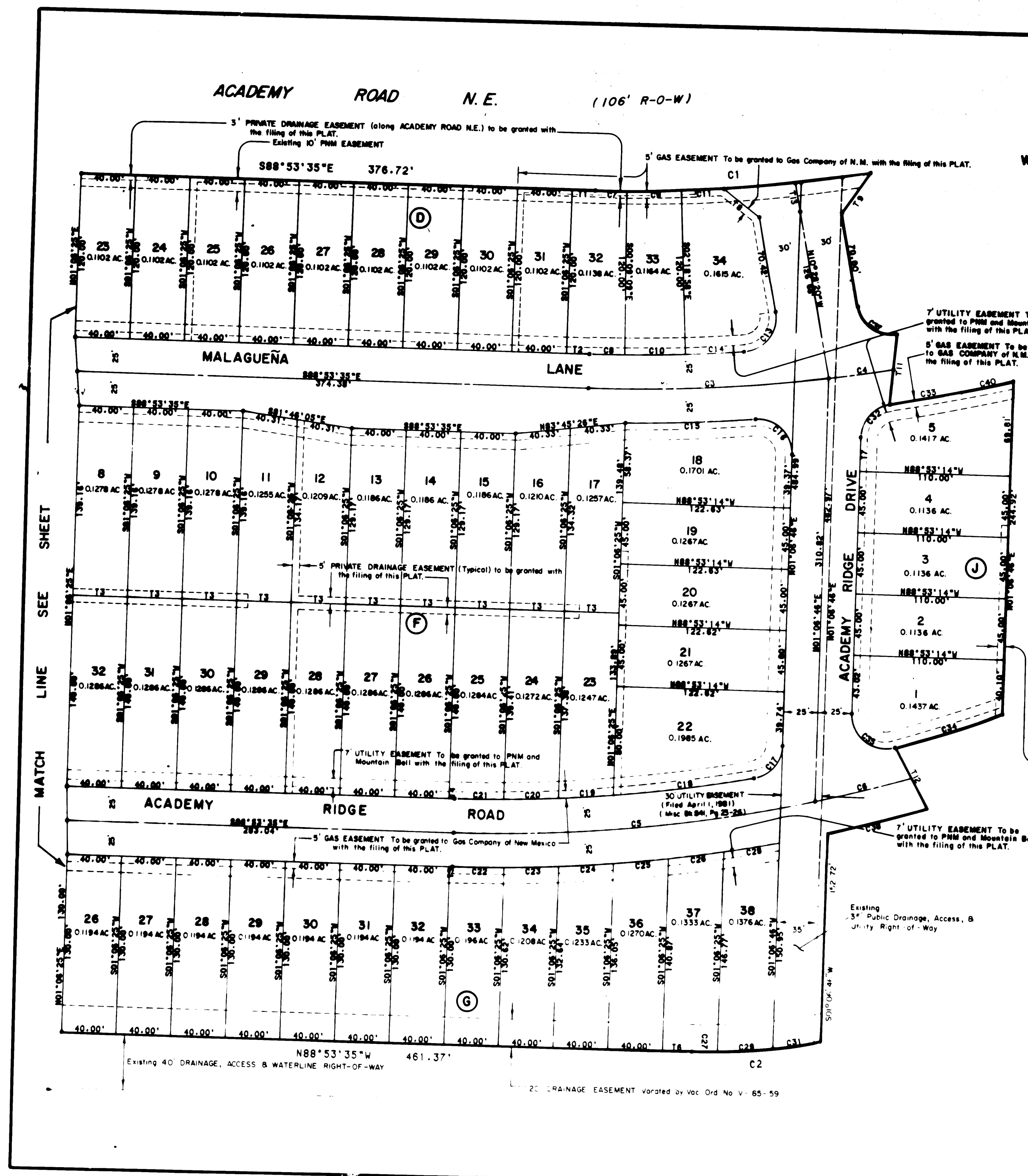
2767

SHEET 3 OF 19



UNIT TWO
WITHIN PROJECTED SECTIONS 27 and 28 T1N, R4E, N.M.P.M.
ALBUQUERQUE, NEW MEXICO
SCALE: 1"=50' APRIL 1986

State of New Mexico }
County of Bernalillo } SS
This instrument was filed for record on
JUL 31 1986
At _____ o'clock P.M. Recorded in Vol. _____
of records of said County Folio _____
Deputy Clerk & Recorder
Deputy Clerk



CURVE AND TANGENT DATA FOR THIS SHEET ONLY

CURVE DATA

NR.	RADIUS	ARC	CHORD	DELTA	TANGENT
C1	1099.18	202.25	201.94	10°58' 27"	101.43
C2	440.00	94.96	94.77	12°21' 54"	47.66
C3	1204.18	176.24	178.08	02°17' 04"	24.00
C4	1204.18	48.09	48.09	08°23' 08"	98.28
C5	1128.23	266.02	265.41	13°30' 34"	133.63
C6	72.47	23.28	72.45	03°40' 48"	36.25
C7	1059.18	23.28	23.28	01°15' 34"	12.96
C8	1179.18	25.82	25.82	01°15' 34"	12.96
C9	1179.18	40.00	40.00	02°09' 50"	22.00
C10	1059.18	31.25	31.25	01°41' 26"	15.63
C13	25.00	41.92	37.18	98°04' 18"	27.80
C14	1179.18	43.34	43.34	02°06' 21"	21.67
C15	1228.18	93.34	95.31	04°28' 38"	47.68
C16	25.00	41.78	37.08	95°45' 13"	27.65
C17	25.00	34.28	31.88	78°34' 12"	20.45
C18	1103.23	103.80	103.77	05°23' 27"	51.84
C19	1103.23	40.15	40.15	02°05' 07"	20.03
C20	1103.23	40.05	40.05	02°04' 48"	20.03
C21	1103.23	35.98	35.98	01°32' 04"	17.08
C22	1183.23	37.96	37.96	01°33' 05"	18.53
C23	1183.23	40.05	40.05	01°58' 24"	20.03
C24	1183.23	40.15	40.15	01°59' 41"	20.03
C25	1183.23	40.28	40.28	02°00' 08"	20.15
C26	1183.23	40.87	40.87	02°01' 50"	20.44
C27	440.00	18.02	18.01	02°28' 34"	9.51
C28	440.00	40.87	40.87	02°02' 10"	20.03
C29	440.00	40.39	40.37	08°15' 32"	20.41
C30	1183.23	35.90	35.90	01°47' 01"	17.95
C31	440.00	35.90	35.90	04°03' 48"	17.95
C32	25.00	34.78	32.02	78°37' 52"	20.84
C33	1228.18	46.65	52.84	02°27' 48"	26.43
C34	1228.18	82.25	82.25	01°18' 17"	41.14
C35	25.00	42.83	40.17	106°54' 45"	19.48
C37	25.00	39.01	35.17	89°24' 01"	24.74
C38	1183.23	75.25	75.22	03°44' 15"	37.65
C39	420.00	89.81	89.74	12°15' 54"	45.13
C40	777.23	36.94	36.94	02°52' 15"	19.48

TANGENT DATA

NR.	DISTANCE	BEARING
T1	16.72	S88°33'35"E
T2	16.72	N88°33'33"W
T3	40.00	N88°33'35"W
T4	4.04	N01°06'48"E
T5	2.04	S88°33'35"E
T6	21.37	N88°33'35"W
T7	25.00	N01°06'48"E
T8	33.30	S52°14'22"E
T9	35.55	N34°50'49"E
T11	51.65	S04°27'34"W
T12	51.17	S28°21'20"E
T13	18.52	N06°04'13"W

PRIVATE DRAINAGE EASEMENT (Typical)
 to be granted with the filing of this PLAT.

0 25 50

0

SCALE: 1" = 50'

SURVEYOR'S CERTIFICATION

I, A. Dwain Weaver, a registered New Mexico Land Surveyor, certify that this plat was prepared by me or under my supervision, shows all easements of record, meets the minimum requirements for monumentation and surveys contained in the Albuquerque Subdivision Ordinance, and is true and accurate to the best of my knowledge and belief.

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



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

State of New Mexico)
ss
County of Bernalillo)

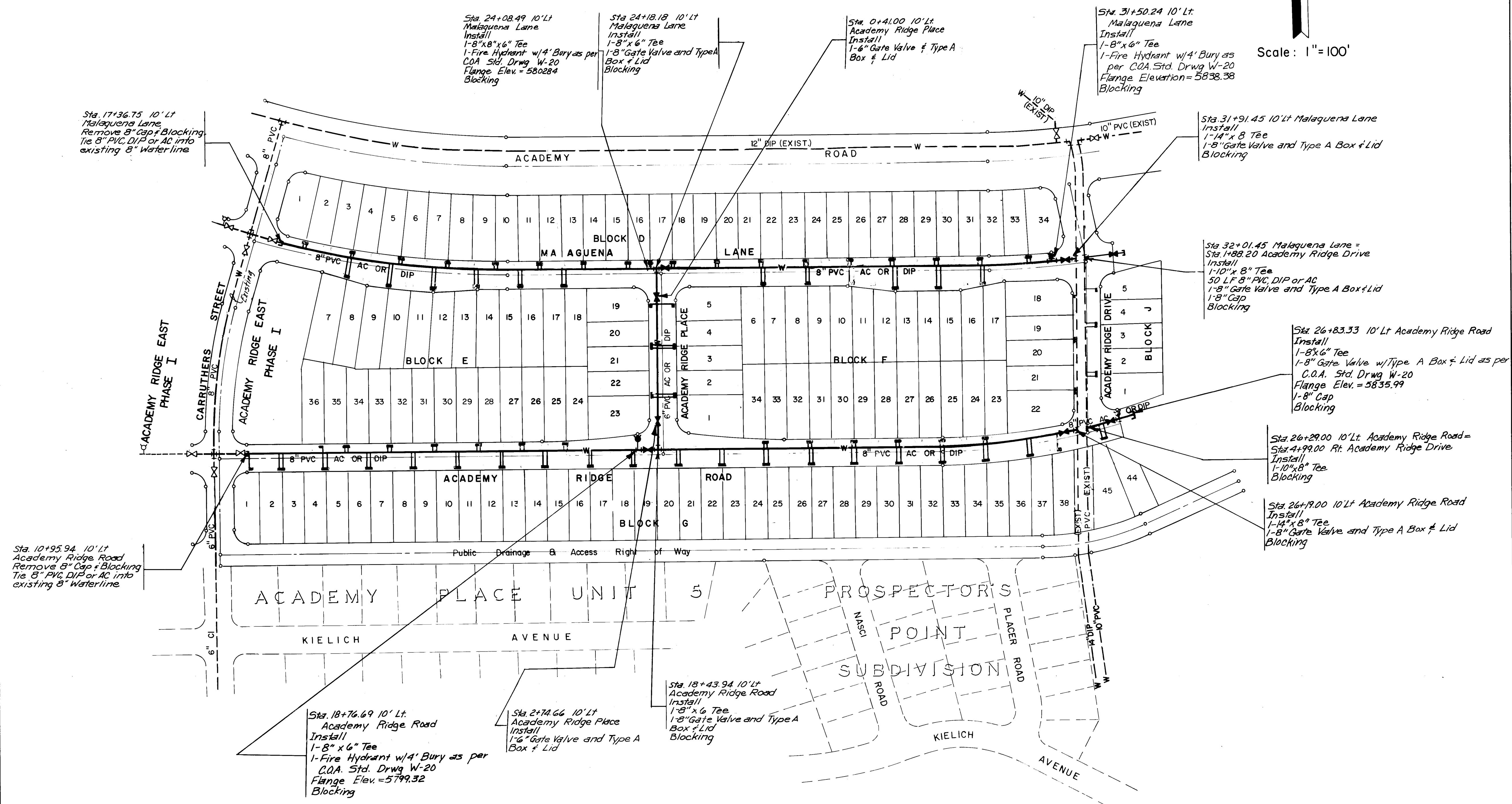
The foregoing instrument was acknowledged before me this 14 day of May, 1986, by A. Dwain Weaver.

Max L. Shepherd
Notary Public

1 2 3 4 5 6 7 8 9
 26 27 67 06 87
PROJECT NUMBER
2767 SHEET 6 OF 19

NOTES:
THE CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
ALL REMOVALS ARE TO BE CONSIDERED INCIDENTAL TO WATER CONTRACT ITEMS

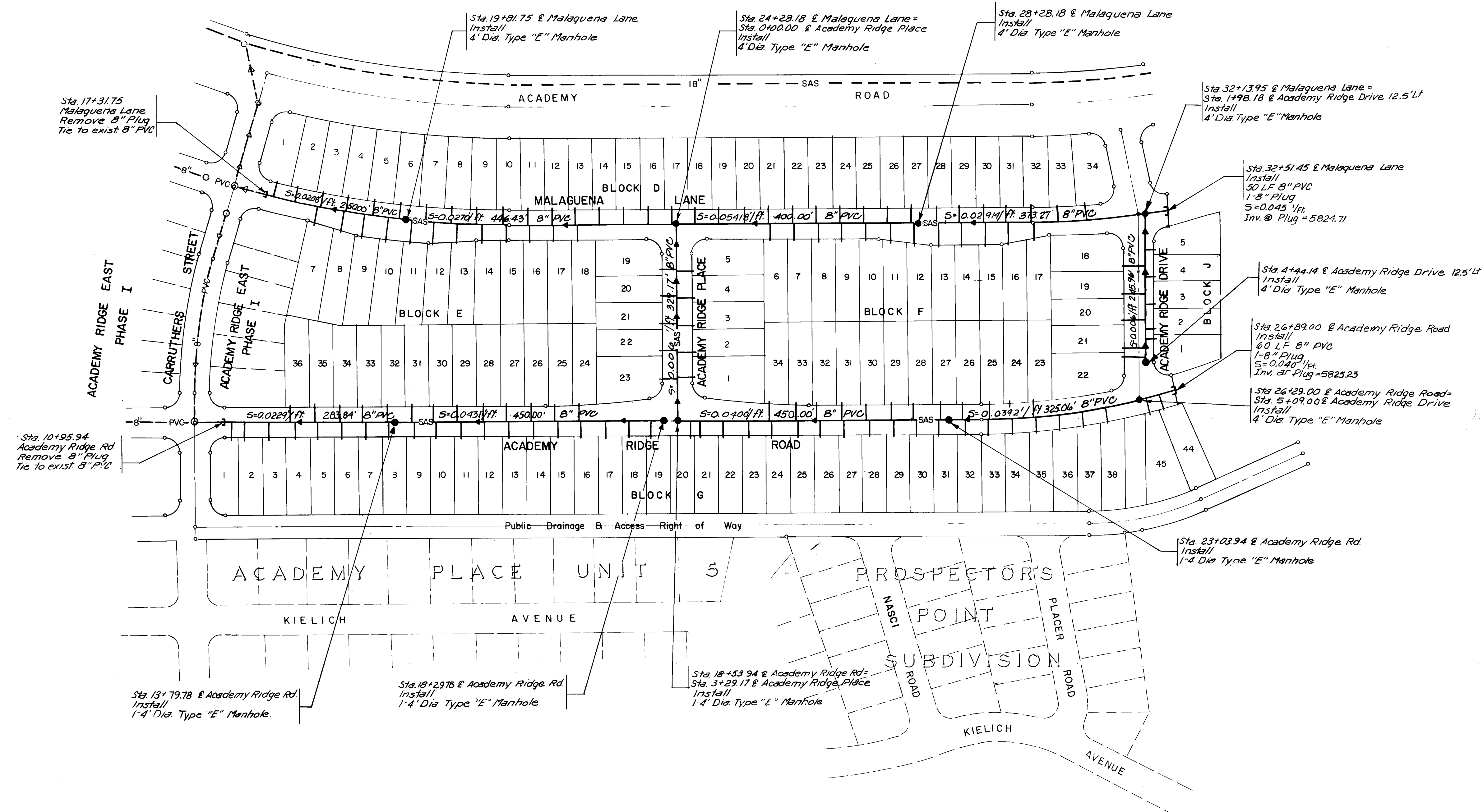
AS-BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL			REVISIONS			DESIGN		
CONTRACTOR	WORK	DATE	CONTRACTOR	DATE	NO.	FIELD	NO.	BY	NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
ACCS BRASS CAP "6-E22" ELEV. 5984.53	5/17/80	5/17/80	ACCS BRASS CAP "6-E22" ELEV. 5984.53	5/17/80	5/17/80	ACCS BRASS CAP "6-E22" ELEV. 5984.53	5/17/80	5/17/80	ACCS BRASS CAP "6-E22" ELEV. 5984.53	5/17/80	5/17/80	ACCS BRASS CAP "6-E22" ELEV. 5984.53	5/17/80	5/17/80	ACCS BRASS CAP "6-E22" ELEV. 5984.53	5/17/80	5/17/80
INTERSECTION OF ACADEMY ROAD NE. & EUBANK BLVD. N.E. STATION IS THEN 375 SOUTH ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY.			INTERSECTION OF ACADEMY ROAD NE. & EUBANK BLVD. N.E. STATION IS THEN 375 SOUTH ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY.			INTERSECTION OF ACADEMY ROAD NE. & EUBANK BLVD. N.E. STATION IS THEN 375 SOUTH ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY.			INTERSECTION OF ACADEMY ROAD NE. & EUBANK BLVD. N.E. STATION IS THEN 375 SOUTH ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY.			INTERSECTION OF ACADEMY ROAD NE. & EUBANK BLVD. N.E. STATION IS THEN 375 SOUTH ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY.			INTERSECTION OF ACADEMY ROAD NE. & EUBANK BLVD. N.E. STATION IS THEN 375 SOUTH ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY.		



CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION			53541		
TITLE: ACADEMY RIDGE EAST PHASE II WATER DISTRIBUTION PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	5/17/80	Liquid Waste	<i>[Signature]</i>	4/25/80
A C E - Design			Traffic	<i>[Signature]</i>	
A C E - Hydrology			Water	<i>[Signature]</i>	4/25/80
DRAWING NO.	2767	MAP NO.	E22-Z	SHEET	8 OF 19

THE CONTRACTOR IS TO
FIELD VERIFY ALL EXIST-
ING UTILITY LOCATIONS
AND NOTIFY THE ENGINEER
IMMEDIATELY OF ANY
DISCREPANCIES.

ALL REMOVALS ARE TO
BE CONSIDERED INCIDENTAL
TO SANITARY SEWER
CONTRACT ITEMS.



Scale: 1"=100'

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS	AS-BUILT INFORMATION
		FIELD NOTES			
		NO.	BY DATE		
				ACS BRASS CAP "6-E22" ELEV. 5934.53	CONTRACTOR
				LOCATION IS 12 MILES EAST OF THE	WORK ORDER BY
				INTERSECTION OF ACADEMY ROAD N.E. &	INSPECTOR'S
				EUBANK BLVD., N.E. STATION IS THEN 375'	ACCEPTANCE BY
				SOUTH ON THE SOUTH RIM OF THE	VERIFICATION BY
				BEAR CANYON TRIBUTARY.	DRAWINGS
					CORRECTED BY
					MICRO-FILM INFORMATION
					RECORDED BY
					DATE
					NO.

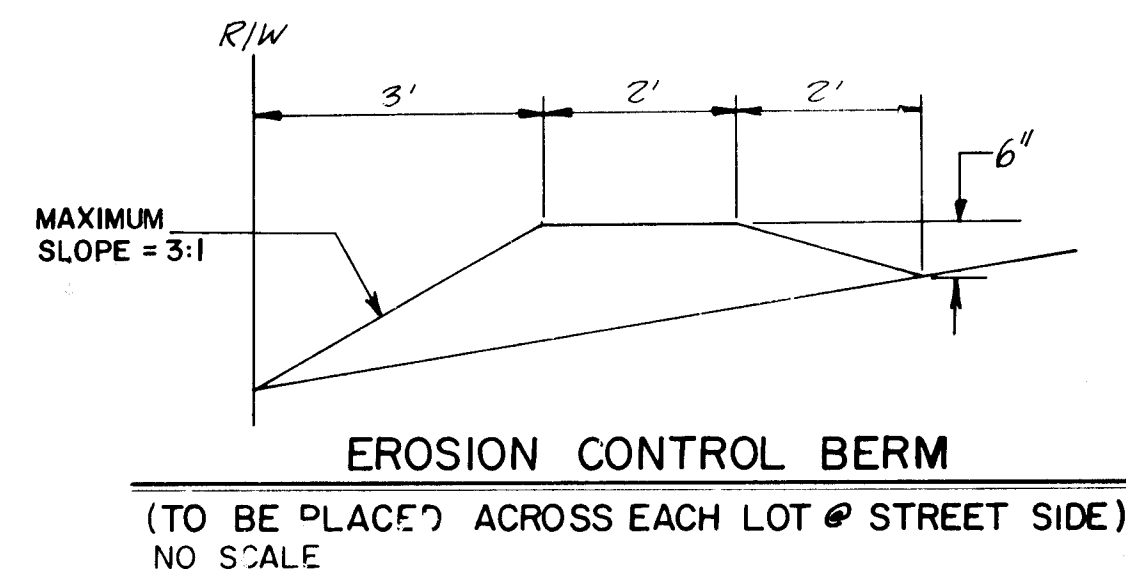
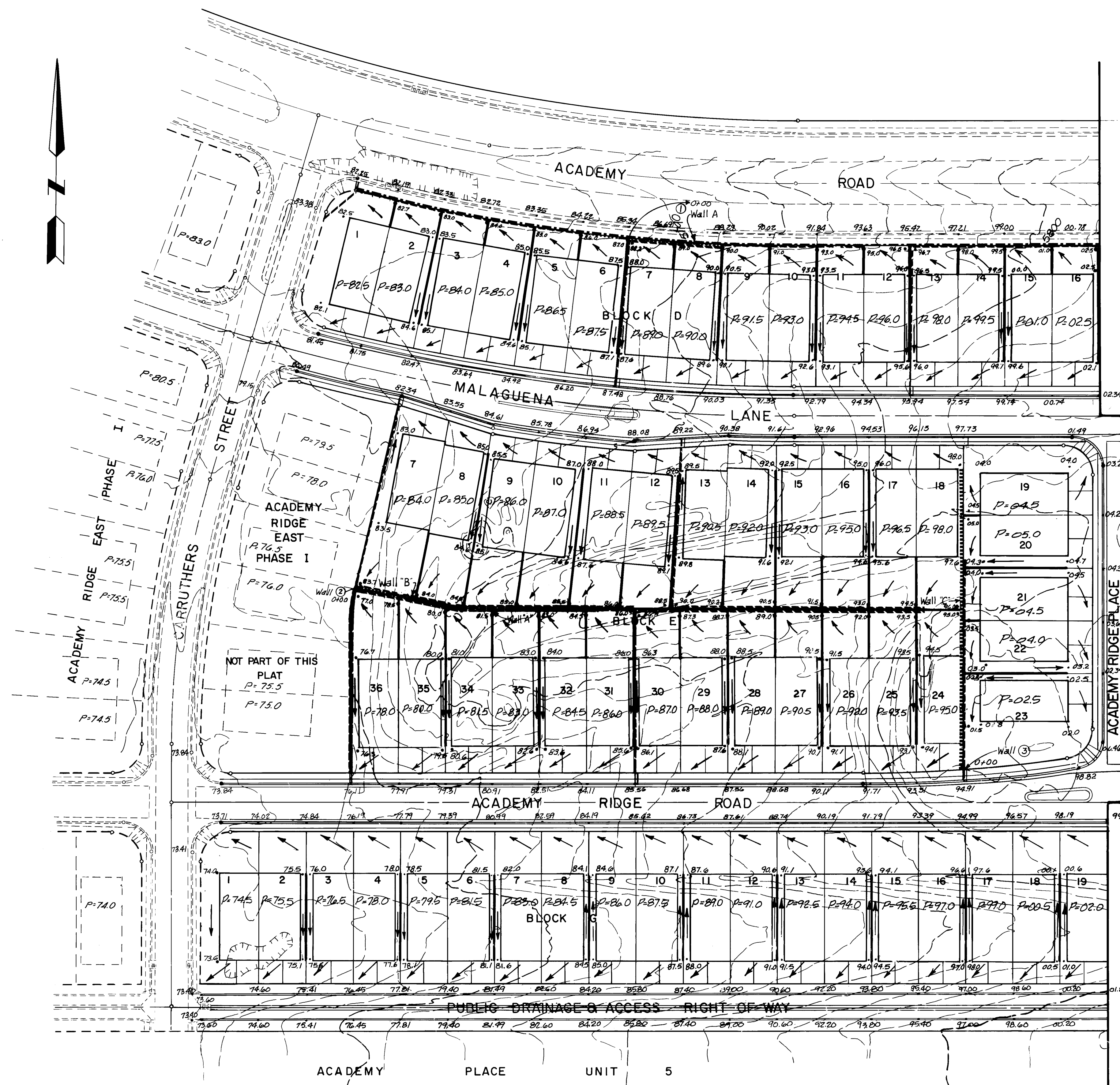
			4	5	6	7	8	9	10	11	12
2	6		2	7	6	7	0	9	8	7	

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ACADEMY RIDGE EAST PHASE II
SANITARY SEWER LAYOUT

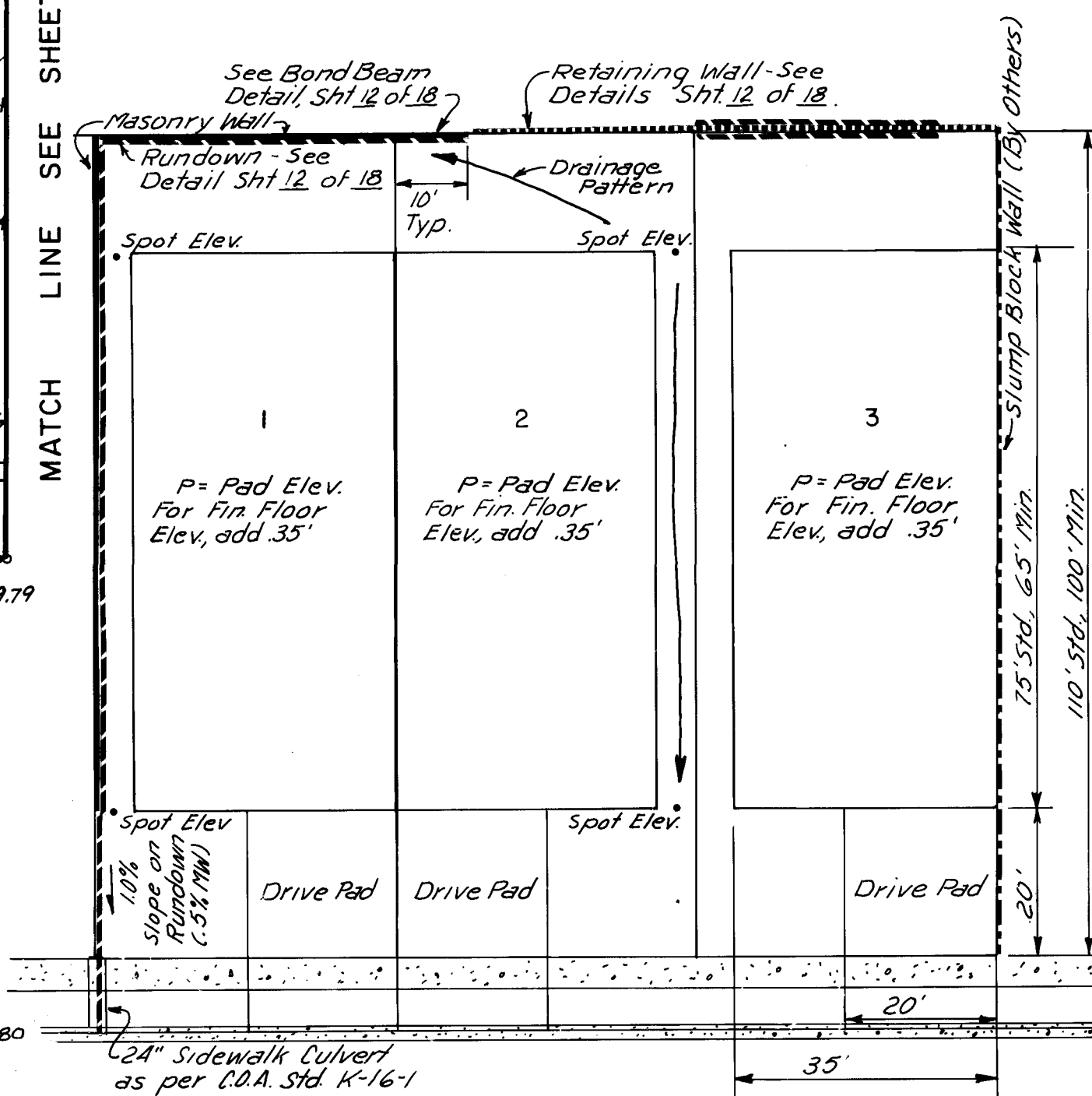
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	5/2/86	Liquid Waste	<i>R. Pena</i>	4/23/86
A C E - Design	" "	" "	Traffic	<i>N.A. Peña</i>	" "
A C E - Hydrology	" "	" "	Water	<i>R. Pena</i>	4/23/86

DRAWING NO.	2767	MAP NO. E 22-2	SHEET 9	OF 19
----------------	------	-------------------	------------	----------



LEGEND

- (#3) Masonry Garden Wall (By Others)
- Masonry Retaining Wall (See Detail Sht 12)
- Conc. Private Drainage Rundown (Detail Sht 12)
- Slump Block Wall (By Others)
- Existing Contours
- Swale or Flow Patterns



NOTE: Spot Elevations Reference Top of Fill or Cut, Either at Base of Masonry Wall, Top of Edge of Lot Collection Rundown (See Detail) or 5' From corner of pad, whichever is less.

26 27671087

APPROVED FOR ROUGH GRADING + 1'
Butler J. Gaskin 4/2/86
HYDROLOGIST/ENGINEER DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ACADEMY RIDGE EAST PHASE II
GRADING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Butler J. Gaskin	5/1/86	Liquid Waste	R. J. Gaskin	4/2/86
A.C.E. - Design	"	"	Traffic	R. J. Gaskin	4/2/86
A.C.E. - Hydrology	"	"	Water	R. J. Gaskin	4/2/86

SCALE: 1"= 50'

DRAWING NO. 2767

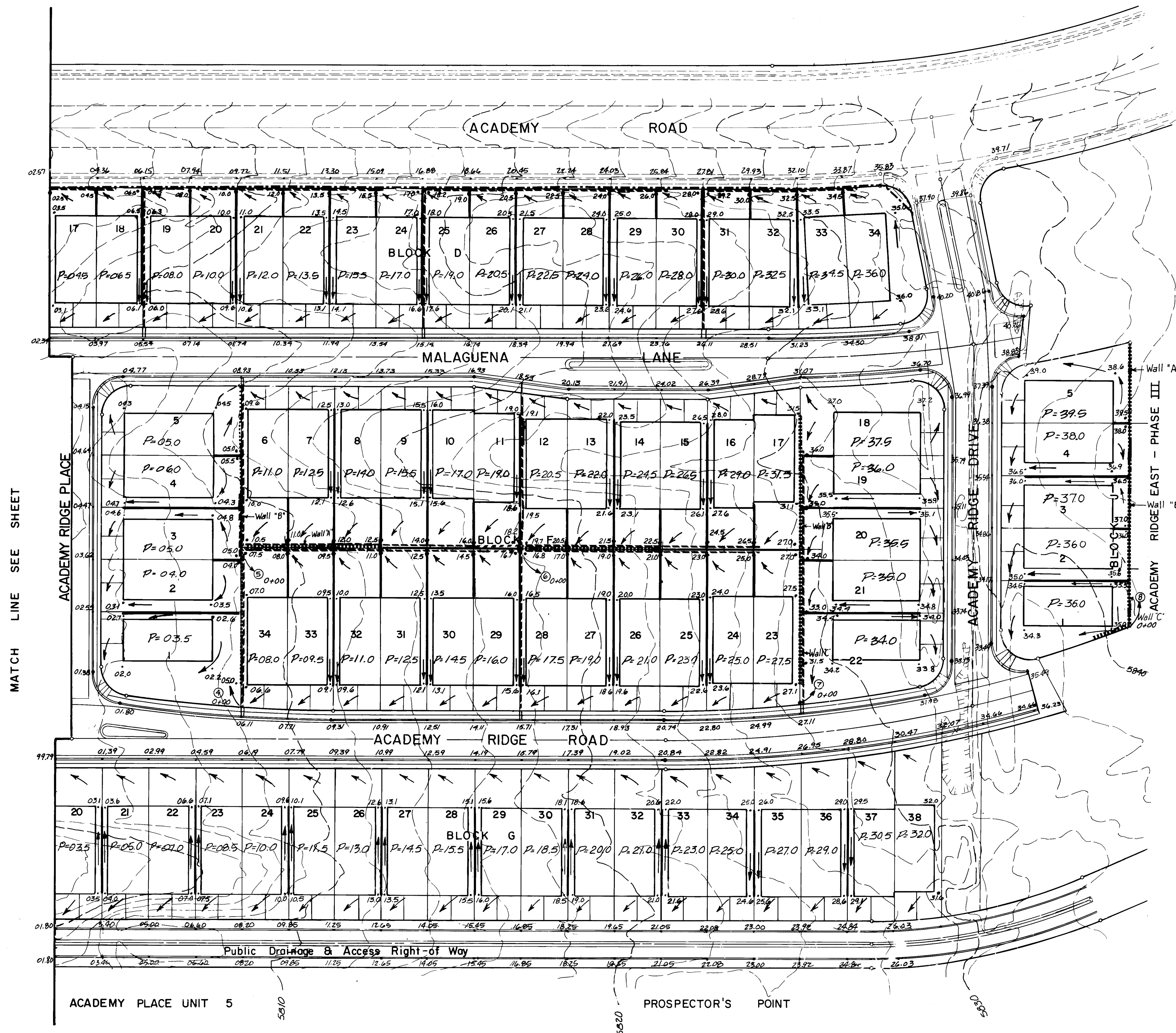
MAP NO. E 22-Z

SHEET 10 OF 19

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	LOCATION	CONTRACTOR	DATE
			ACS BRASS CAP "6-E22" ELEV. 5934.53		
			IS 1.2 MILES EAST OF THE INTERSECTION OF		
			ACADEMY ROAD N.E. & EUBANK BLVD. N.E. STATION		
			IS THEN 375' SOUTH ON THE SOUTH RIM OF THE		
			BEAR CANYON TRIBUTARY.		

ENGINEER'S SEAL
Butler J. Gaskin
2-26-86

NO.	DATE	REVISIONS
		DESIGN
		DESIGNED BY KLD
		DRAWN BY LD
		CHECKED BY KLD



Site Clearing: All rubbish and trash which may exist on the site shall be removed and wasted.

Site Grubbing: Existing vegetation shall be stripped from the entire area, and surface soils removed to a minimum depth of six (6) inches. Removed soils can be stockpiled for use in general site grading outside of building pads and pavement areas.

Prewetting: The entire development area should be prewetted to a minimum depth of five (5) feet. Several shallow depth (five feet minimum) test borings should be made periodically and under close observation and advisement by the Soils Engineer to determine that the deep prewetting of subsurface soils is accomplished. Special attention should be given to the areas in the vicinities of Test Holes 4, 5, 7 through 13, 18, 20, 21, 28 and 29 on Tract B and in the vicinities of Test Holes 2, 7, 10, 11 and 13 through 19 on Tract B-1.

Proof Rolling: Once pretreating has been accomplished the entire area should be proof-rolled with a minimum 10 ton vibratory roller to help densify any loose subsurface soils. The roller should make a minimum of ten passes each in two directions perpendicular to one another, with a minimum 25% overlap of the roller width on each pass. Special attention should be given to the areas in the vicinities of Test Holes 4, 5, 7 through 13, 18, 20, 21, 28 and 29 on Tract B and in the vicinities of Test Holes 2, 7, 10, 11 and 13 through 19 on Tract B-1.

Building Pads: All building pads shall be composed either entirely of natural cut ground or entirely of compacted, engineered fill of uniform thickness. In the building areas where both fill and cut are encountered, the natural ground shall be overcut for a vertical depth of at least one (1) foot below finished pad grade. Both the fill and overcut natural ground section shall be compacted as follows:

Subgrade Preparation: The exposed cut ground or subgrade surface shall be scarified to a minimum depth of 8 inches, moistened thoroughly with optimum moisture (+ 2%), and compacted to a minimum of 90 percent of Modified Proctor Density (ASTM D-1557). Any slopes which are steeper than 5 horizontal to 1 vertical shall be stepped or benched prior to fill placement.

Approved Fill Soils: On-site granular soils having no stones larger than 4 inches in diameter and with a Plasticity Index not exceeding 10 may be submitted to the Soils Engineer for approval for use as engineered fill soils. For the most part, on-site soils are expected to be acceptable.

Fill Placement: Approved fill soils shall be thoroughly moistened with excess optimum moisture (+ 2%), then placed and spread in lifts not to exceed 8 inches in loose thickness, with each lift being compacted to a minimum of 95 percent of Modified Proctor Density in all areas.

Weather Constraints: During construction, low areas shall be protected from excessive surface water and ponding. The contractor shall have adequate equipment available to promptly remove or divert surface water which might accumulate.

If earthwork is interrupted by surface water intrusions, fill operations shall not be resumed until the Soils Engineer accepts the moisture content and density of the natural ground or previously placed fill soils.

No fill soils shall be placed, spread or rolled while the soils are frozen or thawing or during other unfavorable weather conditions.

Soils Engineer and Quality Control: The owner or contractor shall employ the services of a Professional Engineer (Geotechnical Engineer) to supervise all prewetting and controlled earthwork. Testing of compacted fill should include density and moisture content determinations by nuclear methods (ASTM D-2922).

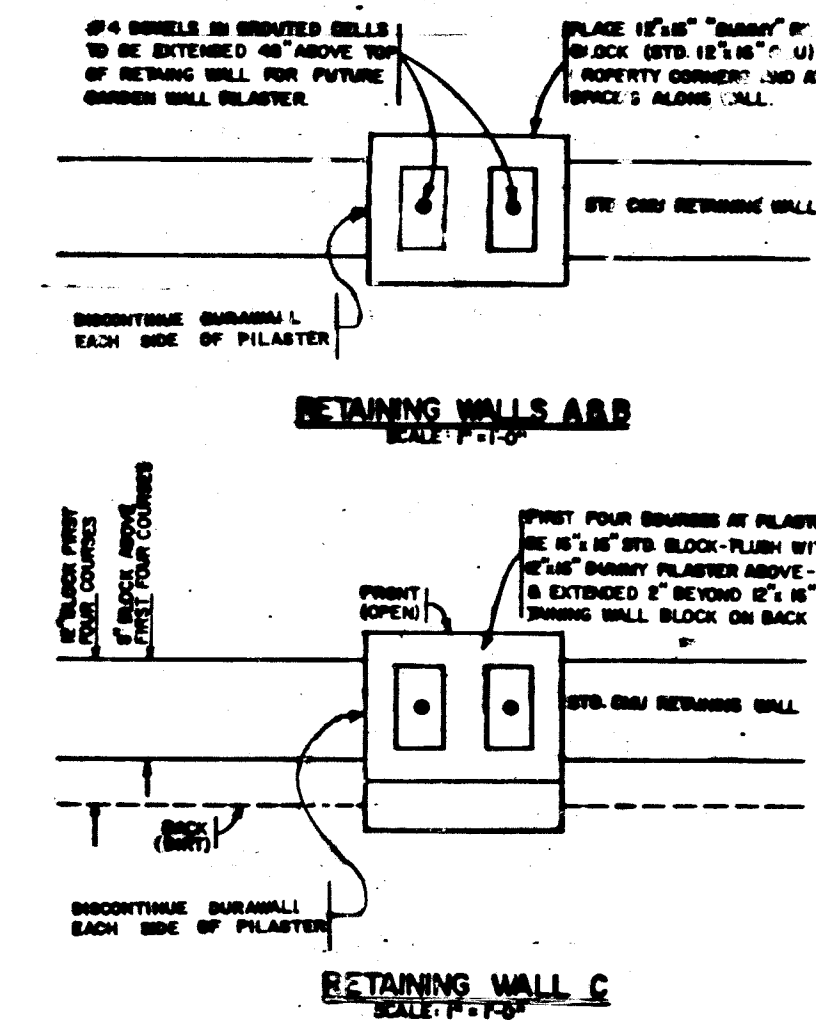
A sufficient number of tests shall be made during each day's operation on each lift of fill, as necessary, to insure adherence to project specifications. In addition, tests of fill soils shall be made at the following minimum rates:

- a. One (1) field density test for each 1000 square yards of subgrade prior to fill placement.
- b. One (1) field density test for each 350 cubic yards of fill placed or each layer of fill in each work area.

When tests indicate that the density of any layer of fill or portion thereof is below the required density, the particular layer or portion thereof shall be removed and replaced with adjustments in soil moisture as necessary until the required density is obtained.

Notification by Contractor: The contractor shall notify the Soils Engineer at least 2 days prior to beginning earthwork operations or prior to resuming operations after stoppage.

Daily Reports: Daily reports of field density tests shall be submitted by the Soils Engineer to the Contractor or developer's field engineer.



26 27671187

APPROVED FOR ROUGH GRADING + 1'

Billie J. Gookshy 4/2/86

HYDROLOGIST ENGINEER DATE

 CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ACADEMY RIDGE EAST PHASE II
GRADING PLAN

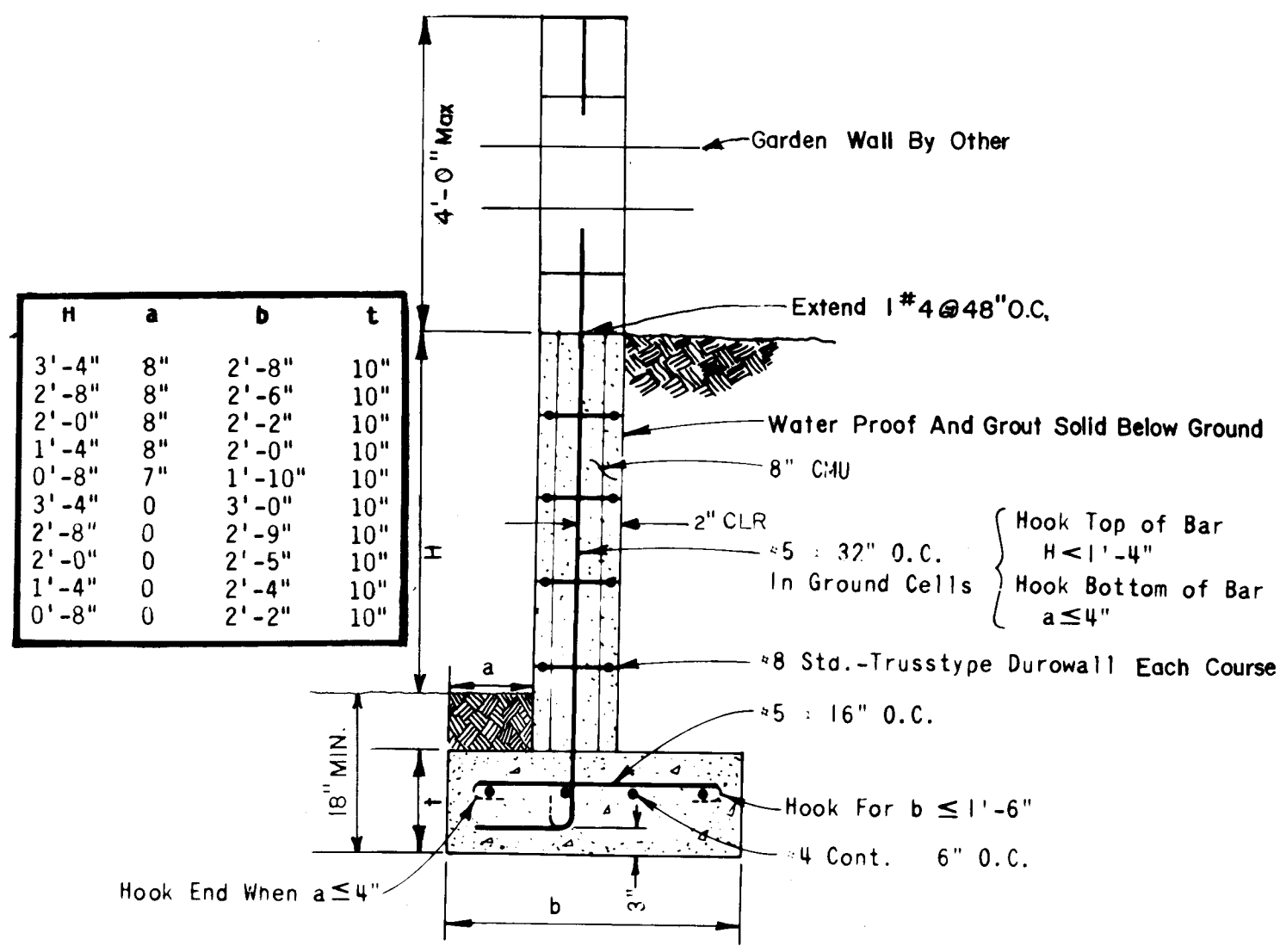
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	5/7/86	Liquid Waste	<i>[Signature]</i>	4/23/86
A C E - Design	"	"	Traffic	<i>[Signature]</i>	4/23/86
A C E - Hydrology	"	"	Water	<i>[Signature]</i>	4/23/86

SCALE: 1" = 50'

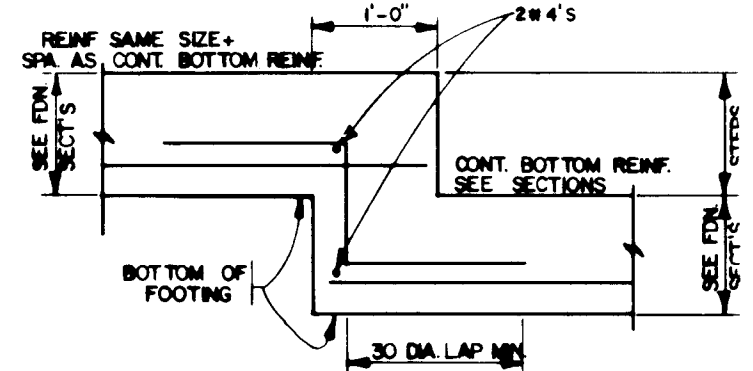
DRAWING NO.	2767
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MAP NO.
E 22-7

SHEET 11 OF 19

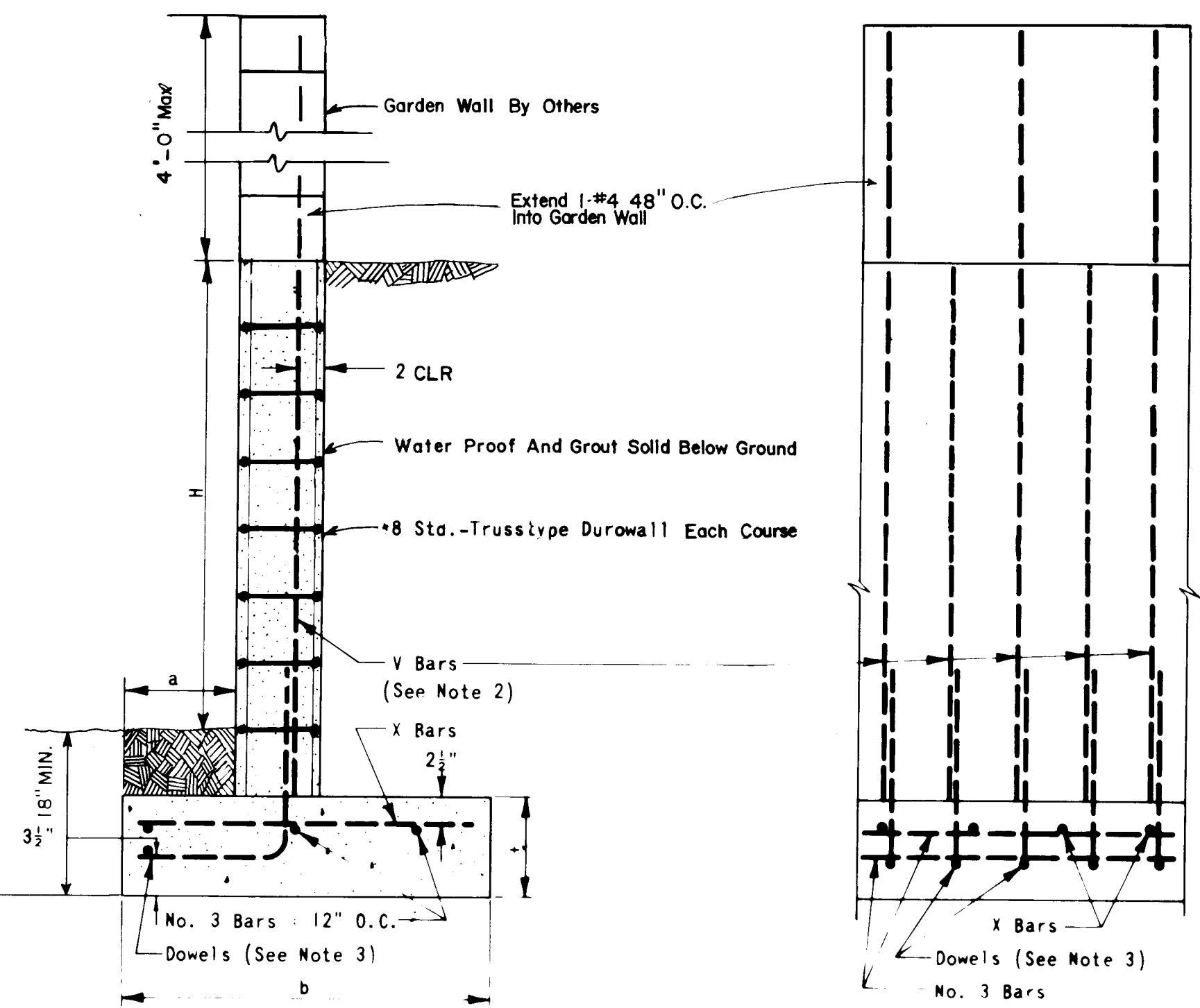


WALL #1
REINFORCED CONCRETE MASONRY WALL
0 to 3'-4"



TYPICAL STEPPED FOOTING DETAIL

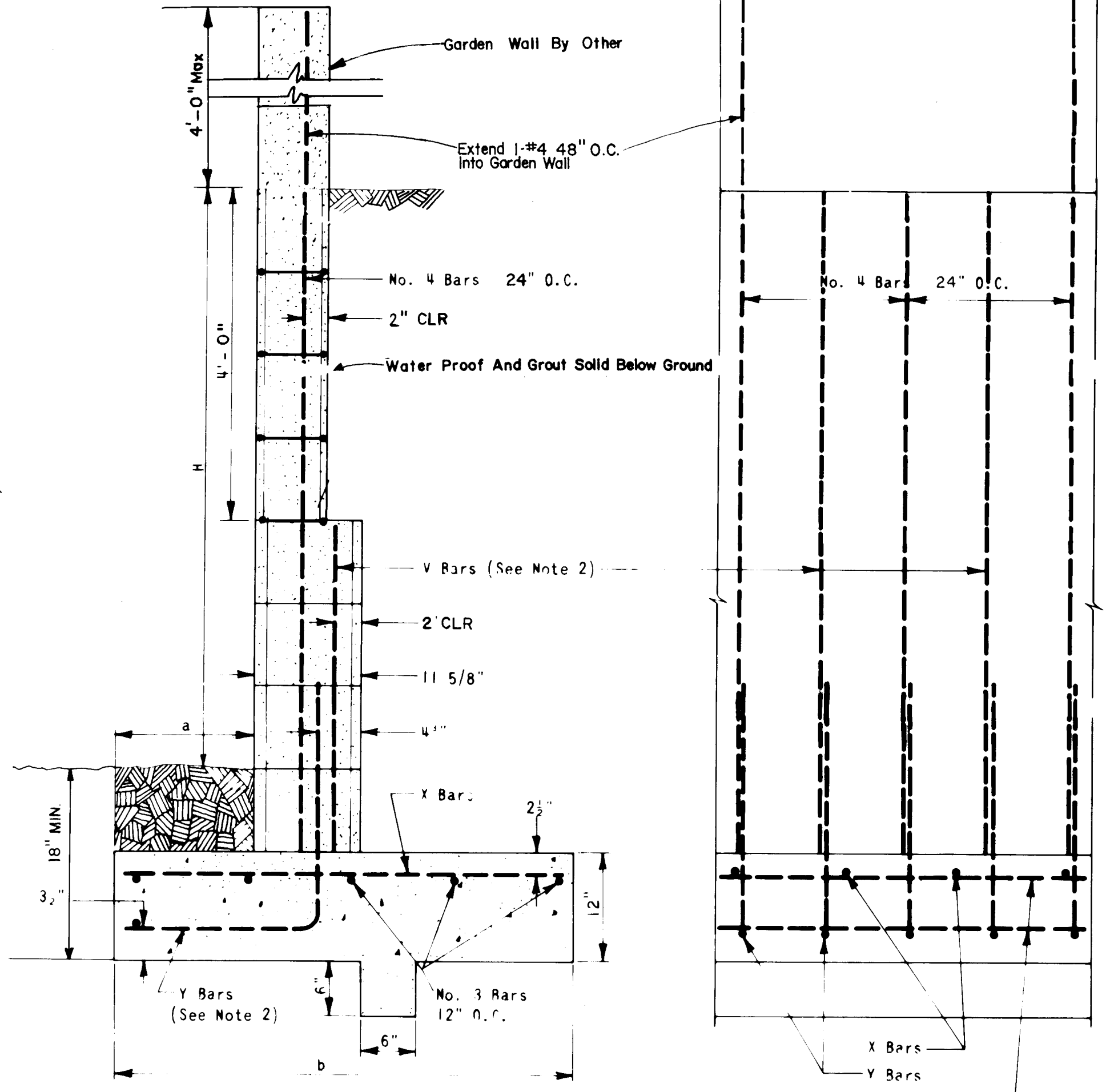
COPYRIGHT © 1986, BOHANNAN-HUSTON, INC. These documents are instruments of service and remain the property of the Engineer. No use or reuse of the documents shall be permitted unless authorized in writing by Bohannan-Huston, Inc. with proper compensation.



CROSS SECTION **ELEVATION**

H	a	b	t	V Bars	X Bars
ft.-in.	in.	ft.-in.	in.	(See Note 2)	
3'-4"	8"	2'-8"	10"	No. 4 @ 32"	No. 4 @ 27"
4'-0"	10"	2'-11"	10"	No. 5 @ 32"	No. 4 @ 27"
4'-8"	12"	3'-3"	10"	No. 5 @ 32"	No. 4 @ 27"
5'-4"	14"	3'-8"	10"	No. 5 @ 24"	No. 4 @ 30"
6'-0"	15"	4'-2"	12"	No. 5 @ 16"	No. 4 @ 25"

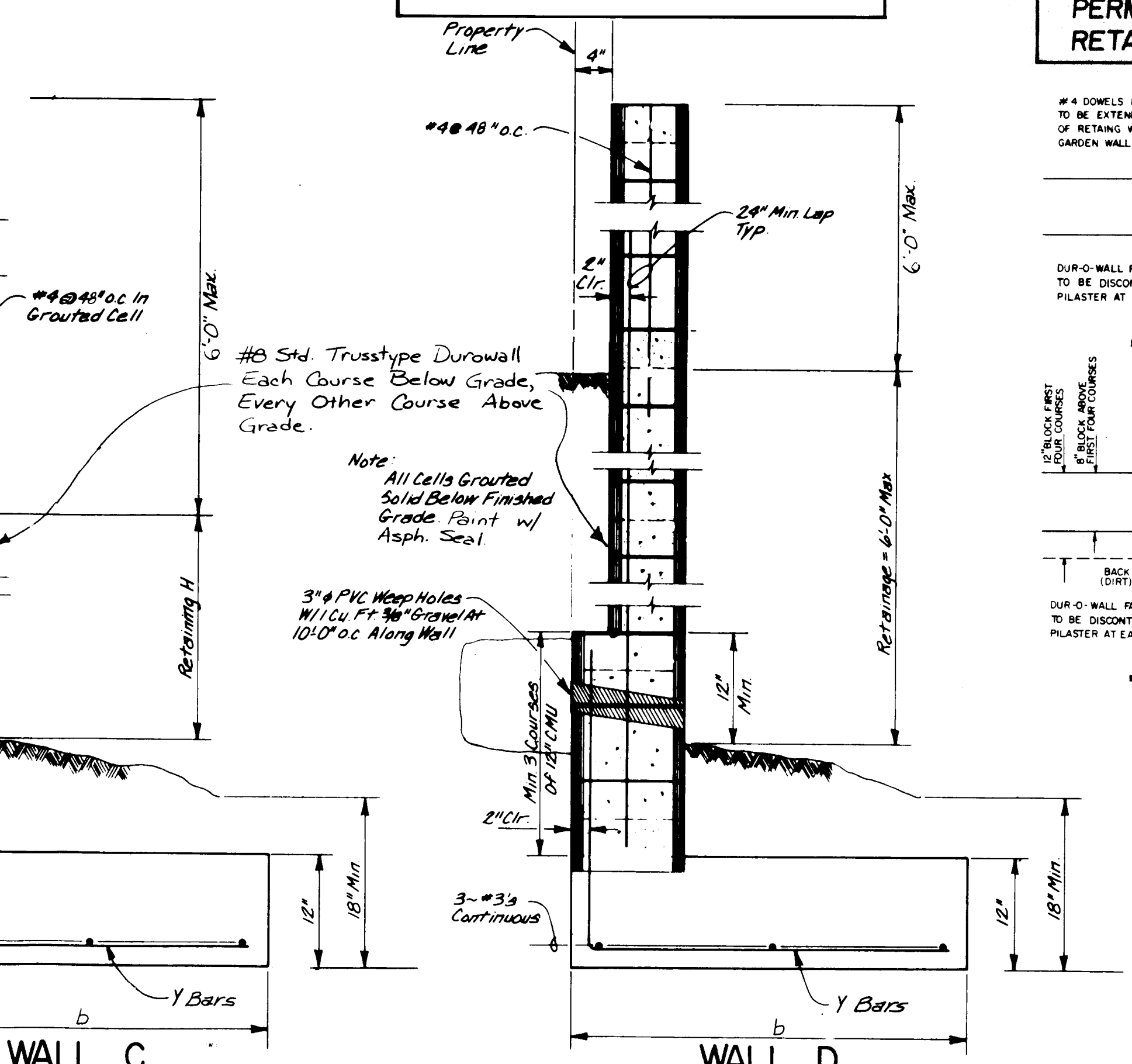
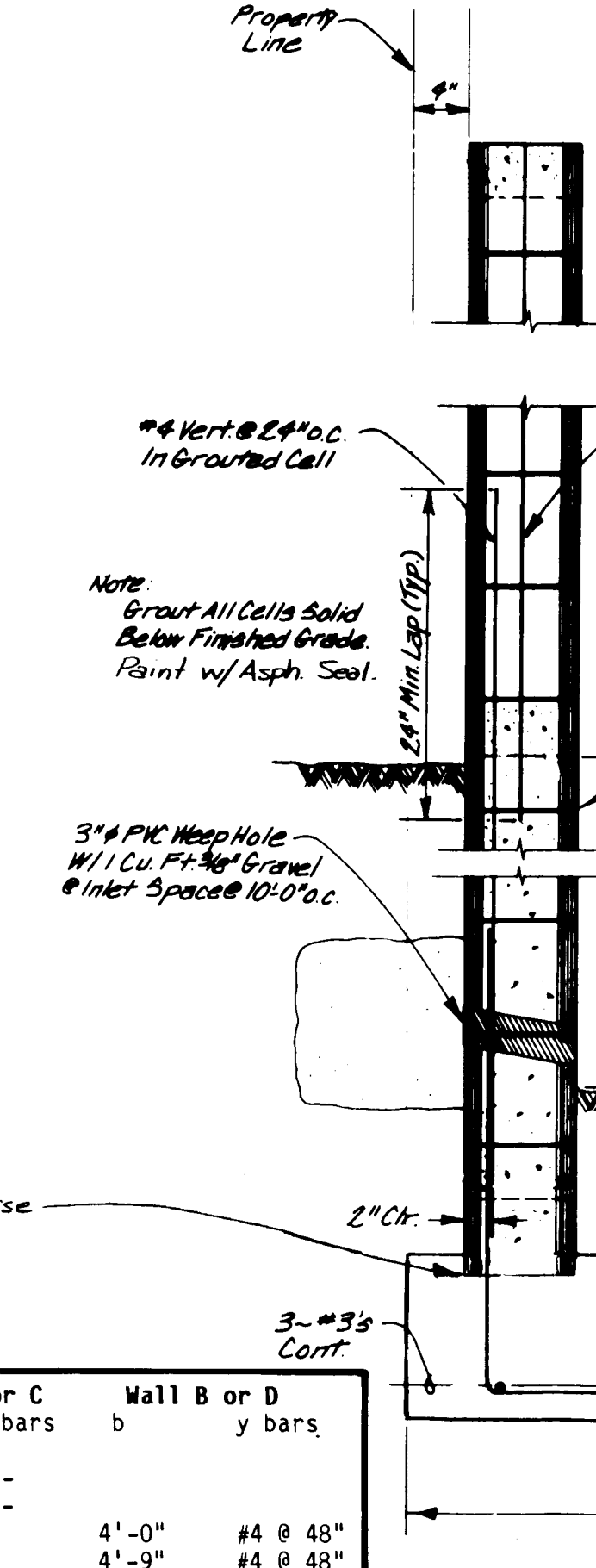
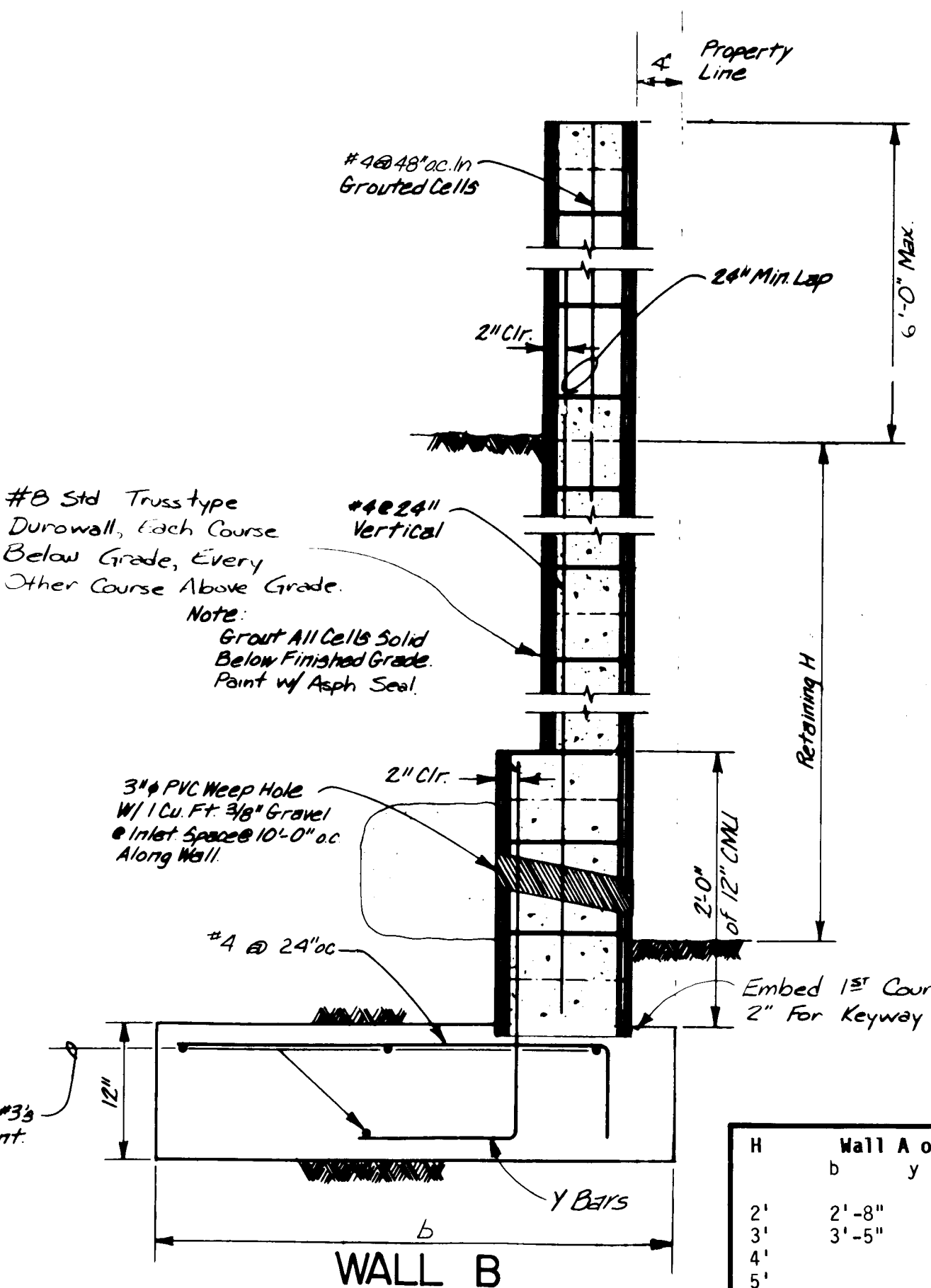
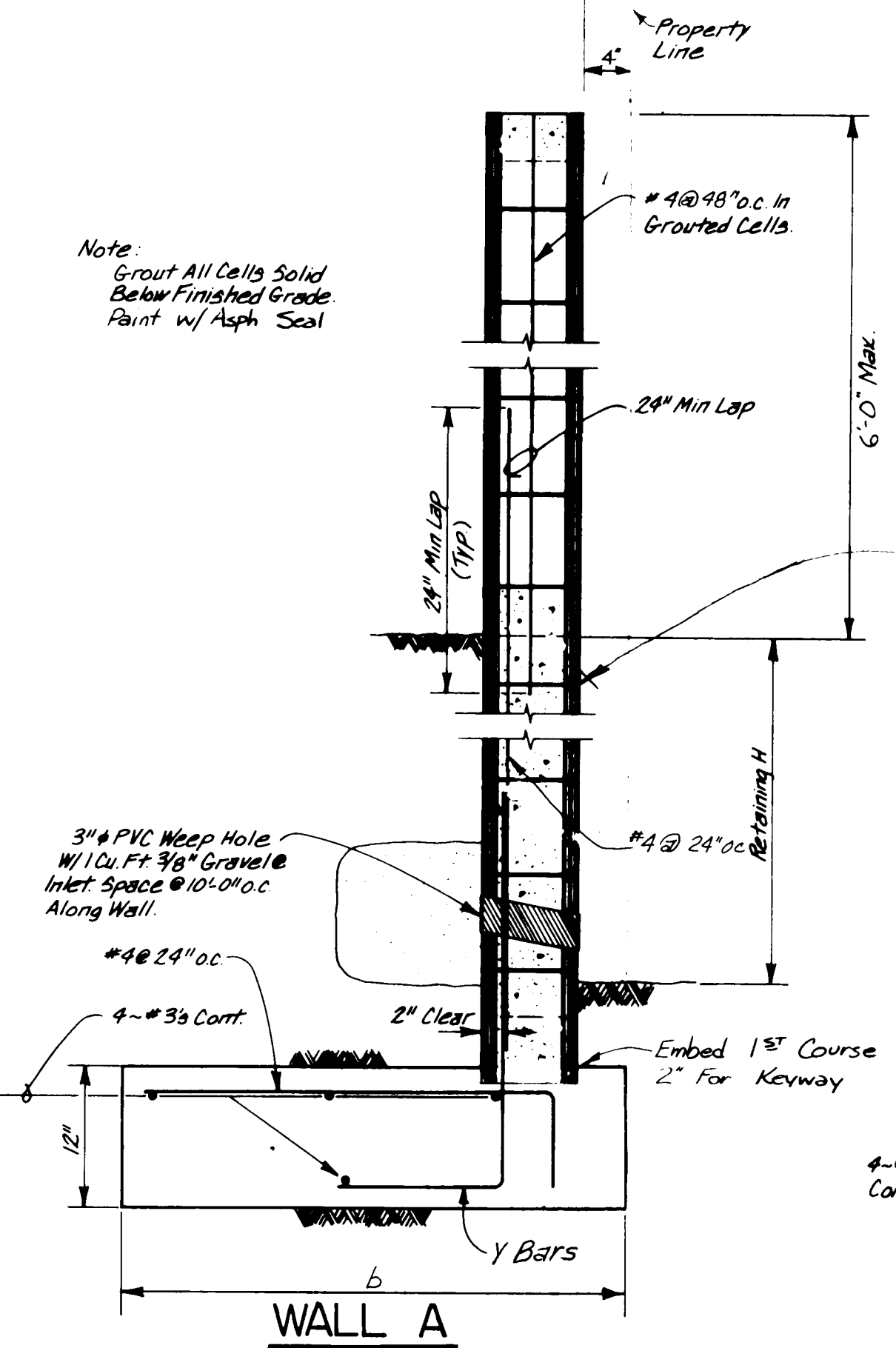
WALL #2
REINFORCED CONCRETE MASONRY WALLS
3'-4" to 6'-0"



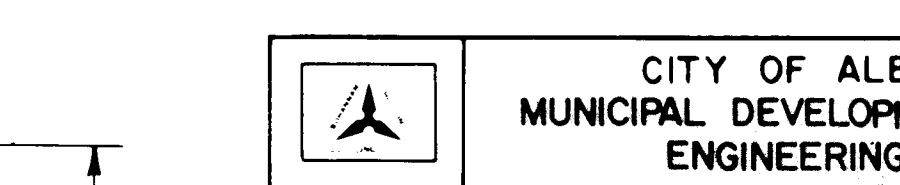
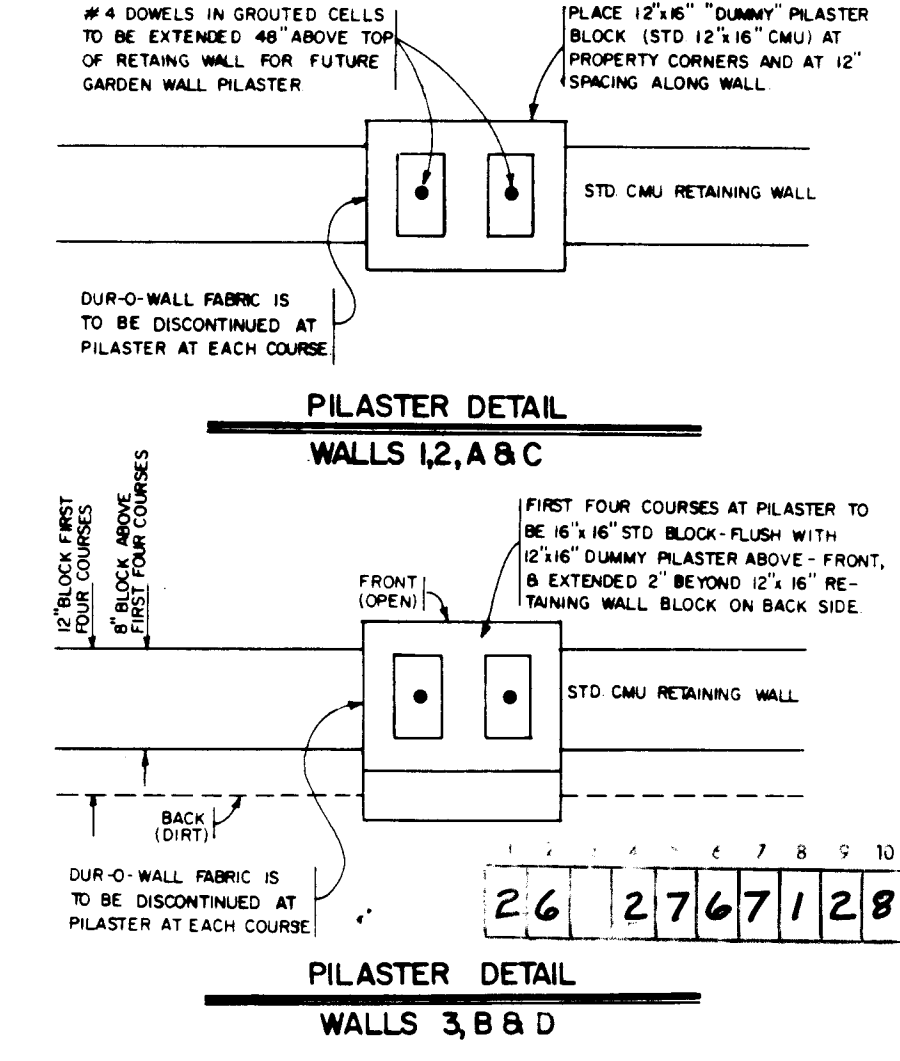
CROSS SECTION **ELEVATION**
WALL #3
REINFORCED CONCRETE MASONRY - 8" & 12" WALLS

H	a	b	V & Y Bars	X Bars
ft.-in.	in.	ft.-in.		
6'	15"	4'-4"	#4 @ 24"	#4 @ 18"
8'	20"	5'-6"	#5 @ 18"	#5 @ 12"

THIS SHEET FOR INFORMATION ONLY. A SEPARATE BUILDING PERMIT IS REQUIRED FOR RETAINING WALL CONSTRUCTION.



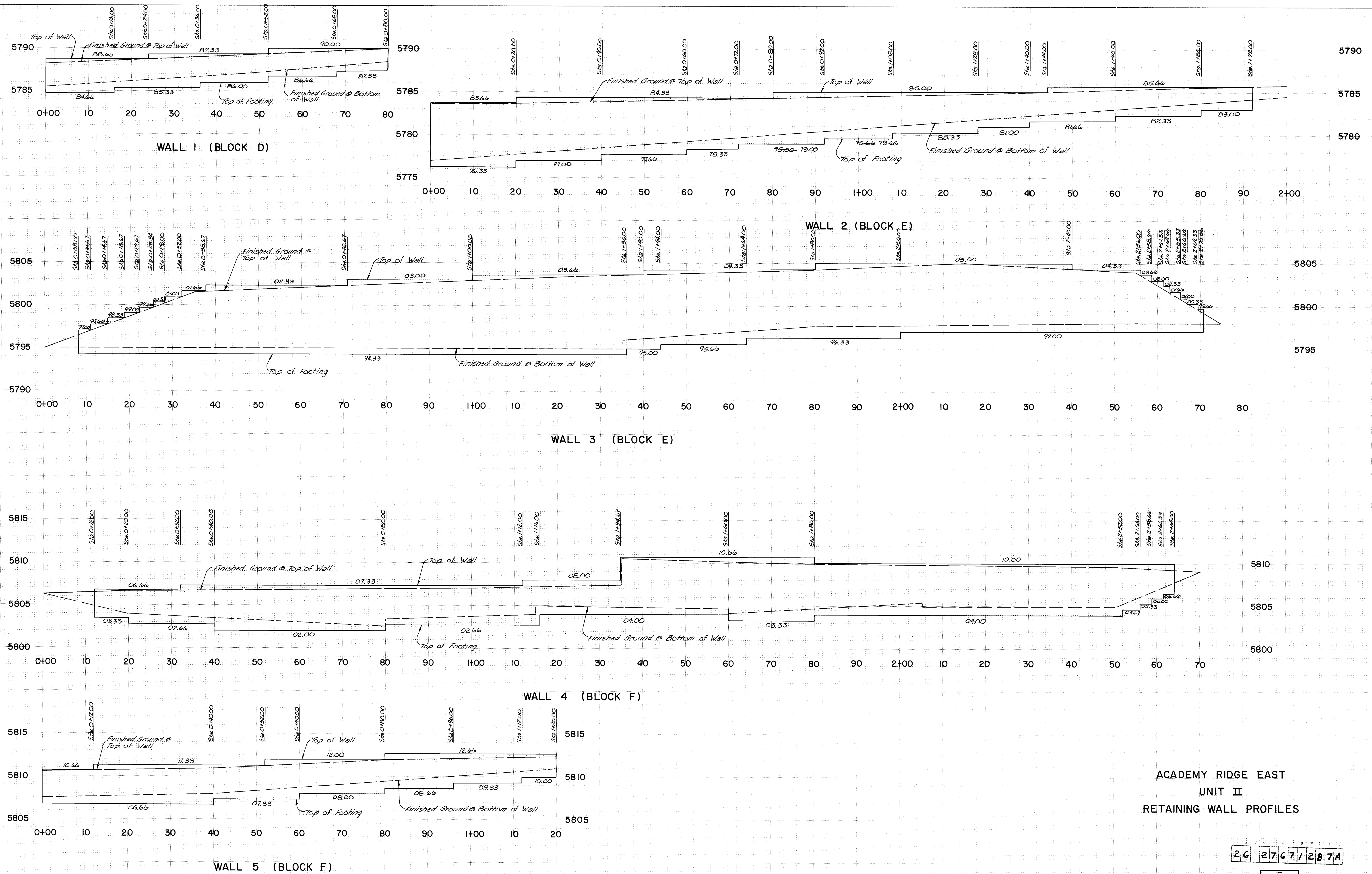
H	Wall A or C	Wall B or D
ft.-in.	b y bars	b y bars
2'-8"	-	-
3'-5"	-	-
4'-0"	-	#4 @ 48"
4'-9"	-	#4 @ 48"
5'-9"	-	#4 @ 24"



CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION			
TITLE: ACADEMY RIDGE EAST PHASE II RETAINING WALL DETAILS			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer			Liquid Waste
ACE - Design			Traffic
ACE - Hydrology			Water
DRAWING NO.	2767	MAP NO.	E-22-Z
SHEET	12	OF	19

FINAL	SURVEY	DATE	BY
NO.	NO.		
	PLOTTED		
	TEMPLATE		
	NOTE BOOK		
	AREAS CHECKED		

ORIGINAL	SURVEY	DATE	BY
NO.	NO.		
	PLOTTED		
	TEMPLATE		
	NOTE BOOK		
	AREAS CHECKED		



ACADEMY RIDGE EAST
UNIT II
RETAINING WALL PROFILES

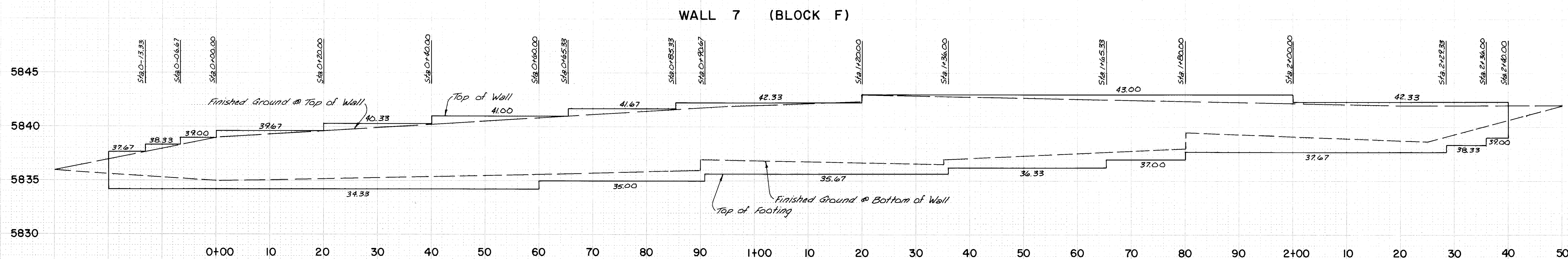
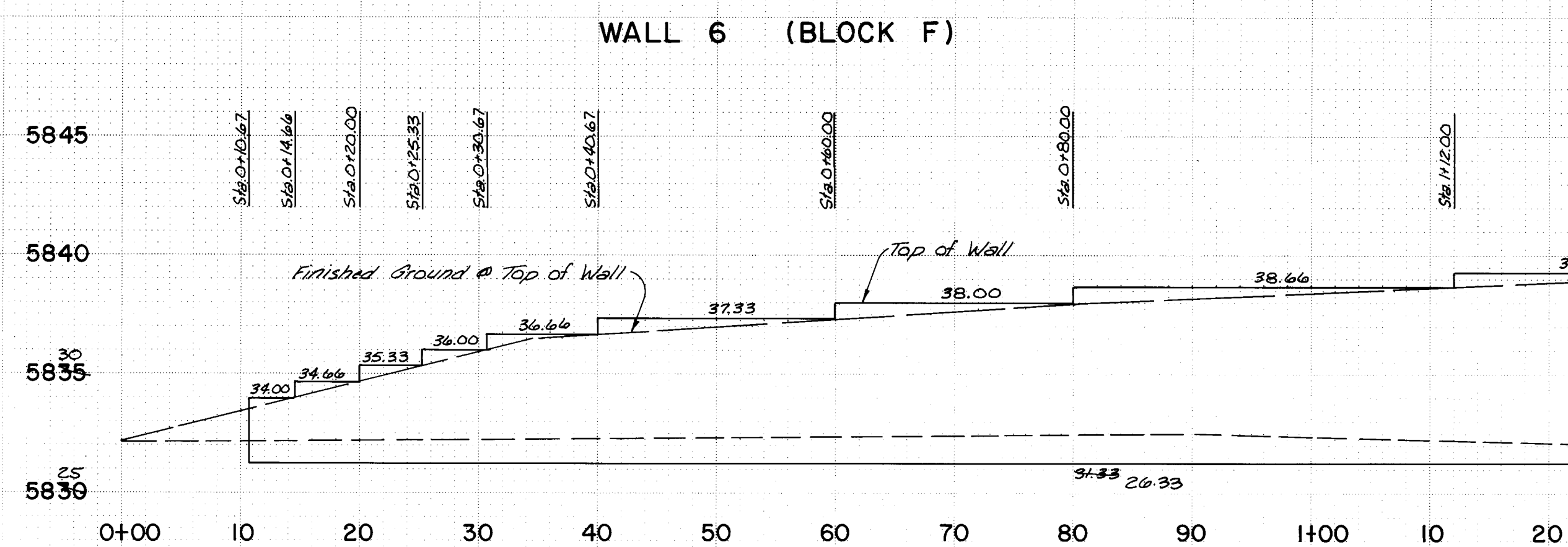
26 27 67 128 7A

PROJECT
NO. 2767



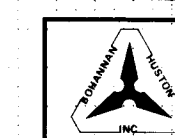
SHEET 12A OF 19

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



ACADEMY RIDGE EAST
UNIT II
RETAINING WALL PROFILES

PROJECT NO. 2767



SHEET 12B OF 19

NOTE:
ALL REMOVALS ARE
CONSIDERED INCIDENTAL
TO CONTRACT ITEMS.

STA. 1+95.00 @ CARRUTHERS STREET =
STA. 10+45.94 @ ACADEMY RIDGE ROAD

SANITARY SEWER SERVICE		
STA.	LENGTH	INV. PLUG
12+08.94 LT	24' 26.2	5776.78
12+48.94 LT	25.0	5775.46
12+88.94 LT	26.0	5773.85
13+28.94 LT	26.0	5773.85
13+68.94 LT	26.0	5773.85
14+08.94 LT	25.6	5775.32
14+48.94 LT	25.7	5775.32
14+88.94 LT	25.7	5775.32
15+28.94 LT	26.2	5781.03
15+68.94 LT	26.2	5782.61
16+08.94 LT	26.2	5784.54
16+48.94 LT	25.8	5786.84
16+88.94 LT	25.8	5787.99

WATER SERVICE	
TYPE	STATION
Single	10+96.94 RT
Double	11+60.94 RT
Single	12+18.94 LT
Double	12+40.94 RT
Double	12+78.94 LT
Double	13+20.94 RT
Double	13+58.94 LT
Double	14+00.94 RT
Double	14+38.94 LT
Double	14+80.94 RT
Double	15+20.94 LT
Double	15+60.94 RT

CURB CURVE DATA	
PI STA. 17+25.83	
$\Delta = 08^{\circ}37'47''$	
$R = 1218.01'$	
$L = 183.45'$	
$T = 91.90'$	

WATER SERVICE	
TYPE	STATION
Double	15+98.94 LT
Double	16+40.94 RT
Double	16+78.94 LT
Double	17+20.94 RT
Double	18+00.94 LT

TC	FL
1 00.05	99.38
2 99.64	99.97
3 99.23	99.56

CURB CURVE DATA	
PI STA. 19+83.09	
$\Delta = 08^{\circ}37'47''$	
$R = 1218.01'$	
$L = 183.45'$	
$T = 91.90'$	

TC	FL
1 01.70	01.03
2 01.59	00.92
3 01.49	00.82

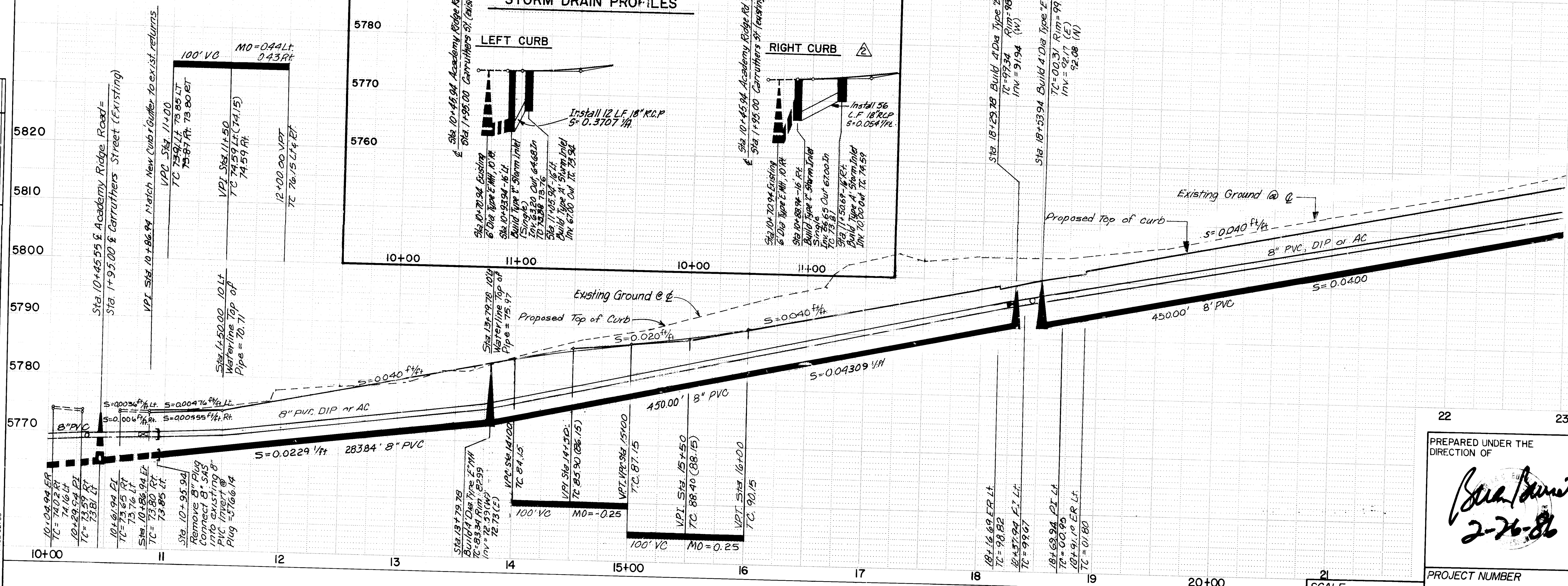
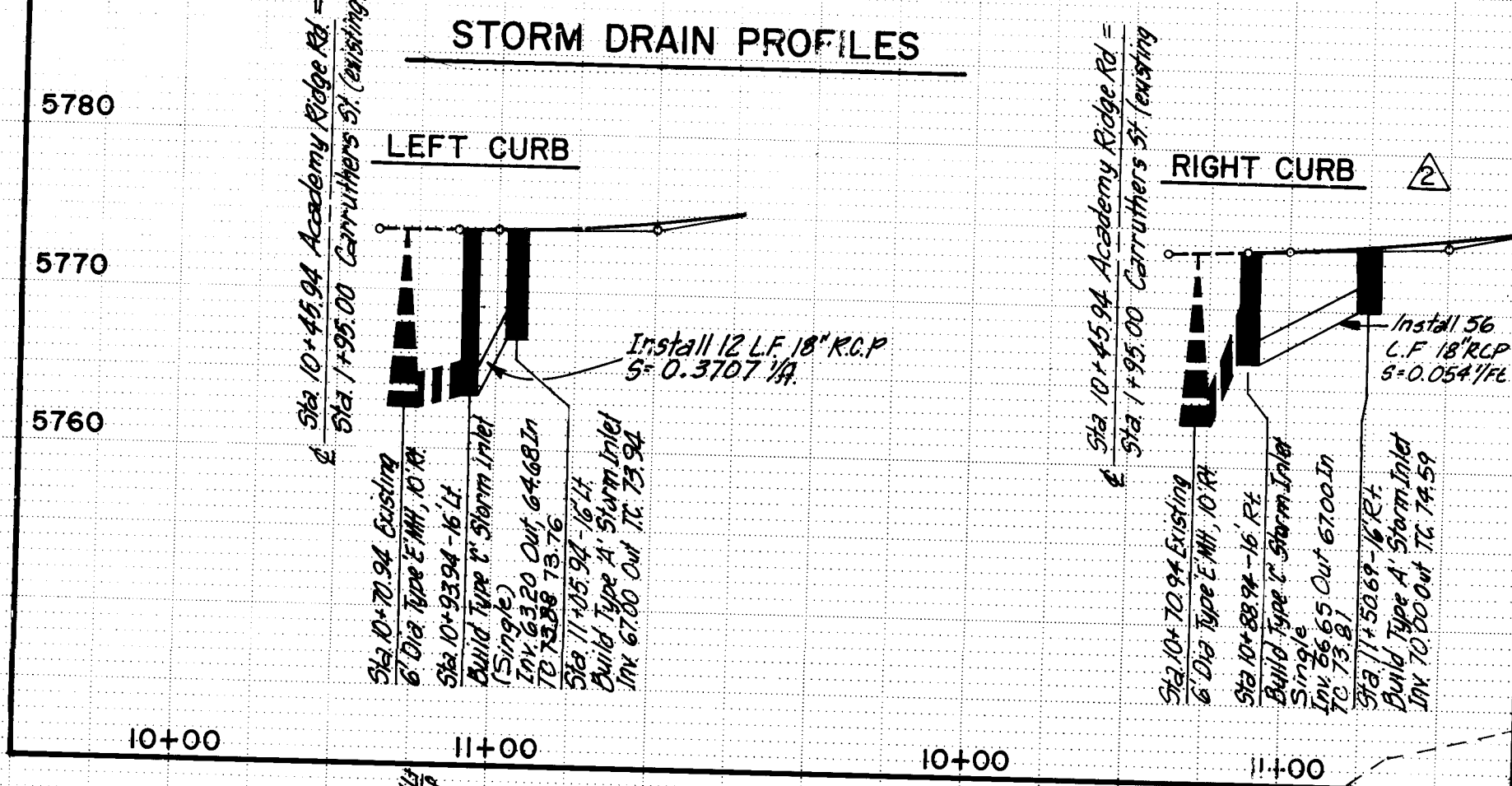
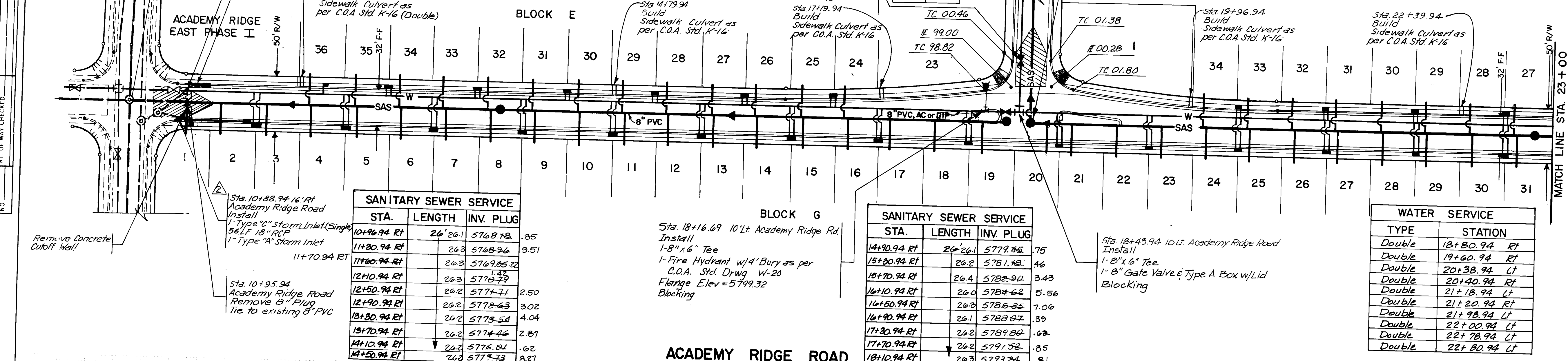
SANITARY SEWER SERVICE		
STA.	LENGTH	INV. PLUG
20+08.94 LT	24' 26.2	5789.00
20+48.94 LT	25' 0	5801.74
20+88.94 LT	26' 1	5803.51
21+28.94 LT	26.3	5805.11
21+68.94 LT	26' 3	5806.71
22+08.94 LT	26' 1	5808.31
22+48.94 LT	26' 1	5807.94
22+88.94 LT	25.9	5814.51

SANITARY SEWER SERVICE		
STA.	LENGTH	INV. PLUG
20+08.94 LT	24' 26.2	5789.00
20+48.94 LT	25' 0	5801.74
20+88.94 LT	26' 1	5803.51
21+28.94 LT	26.3	5805.11
21+68.94 LT	26' 3	5806.71
22+08.94 LT	26' 1	5808.31
22+48.94 LT	26' 1	5807.94
22+88.94 LT	25.9	5814.51

FHWA Region No.	NEW MEXICO	SHEET NO.	TOTAL SHEETS
6			

PLAN	BY	DATE
SURVEYED		
ALLOTTED		
CHECKED		
RT OF WAY CHECKED		
NO.		

PROFILE	BY	DATE
SURVEYED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTATIONS CHKD		
NO.		



PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
B. M. NOTED			
STRUCTURE NOTATIONS CHECKED			

NOTE:
ALL REMOVALS ARE
CONSIDERED INCIDENTAL
TO CONTRACT ITEMS.

CURVE DATA
 P.I. STA 19+16.90
 $\Delta = 16^\circ 24' 50''$
 $R = 1630.40'$
 $L = 467.07'$
 $T = 235.15'$

SANITARY	SEWER	SERVICE
STA.	LENGTH	INV@P.L.U.
17+50.77 LA	25'26"	5775.21
17+85.27	26'1"	5775.30
18+29.17	26'3"	5776.39
18+73.08	26'2"	5777.45
19+16.98	26'3"	5778.73
19+60.89	26'4"	5779.25
20+04.79	26'3"	5780.31
20+48.70	26'1"	5781.90
20+92.60	26'3"	5783.08
21+36.51	26'3"	5784.27
21+78.49	26'4"	5785.43
22+18.49	26'1"	5786.48
22+56.49	26'1"	5787.56

SANITARY		SEWER	SERVICE
STA.	LENGTH	INV.	PLUG
22+90.49 Lf.	26'.6	5788.64	91.40
23+38.49	26'.3	5789.72	92.95
23+70.49	26'.9	5790.80	94.26
24+18.49	26'.3	5791.68	95.3
24+50.49	26'.1	5793.77	97.1
24+90.49	26'.5	5795.94	98.75
25+38.49	26'.1	5798.4	99.39
25+78.49	26'.2	5800.21.76	
26+18.49	25.826'	5802.46.90	
26+58.49	26'.1	5804.61	51.3
26+98.49	25.626'	5806.78	7.05
27+38.49	26'.5	5808.94	9.31
27+78.49	26'	5811.1	9.27
28+18.49	26'.1	5813.88.66	
28+58.49	26'	5814.68	15.04
28+98.49	26'.1	5815.85	16.49

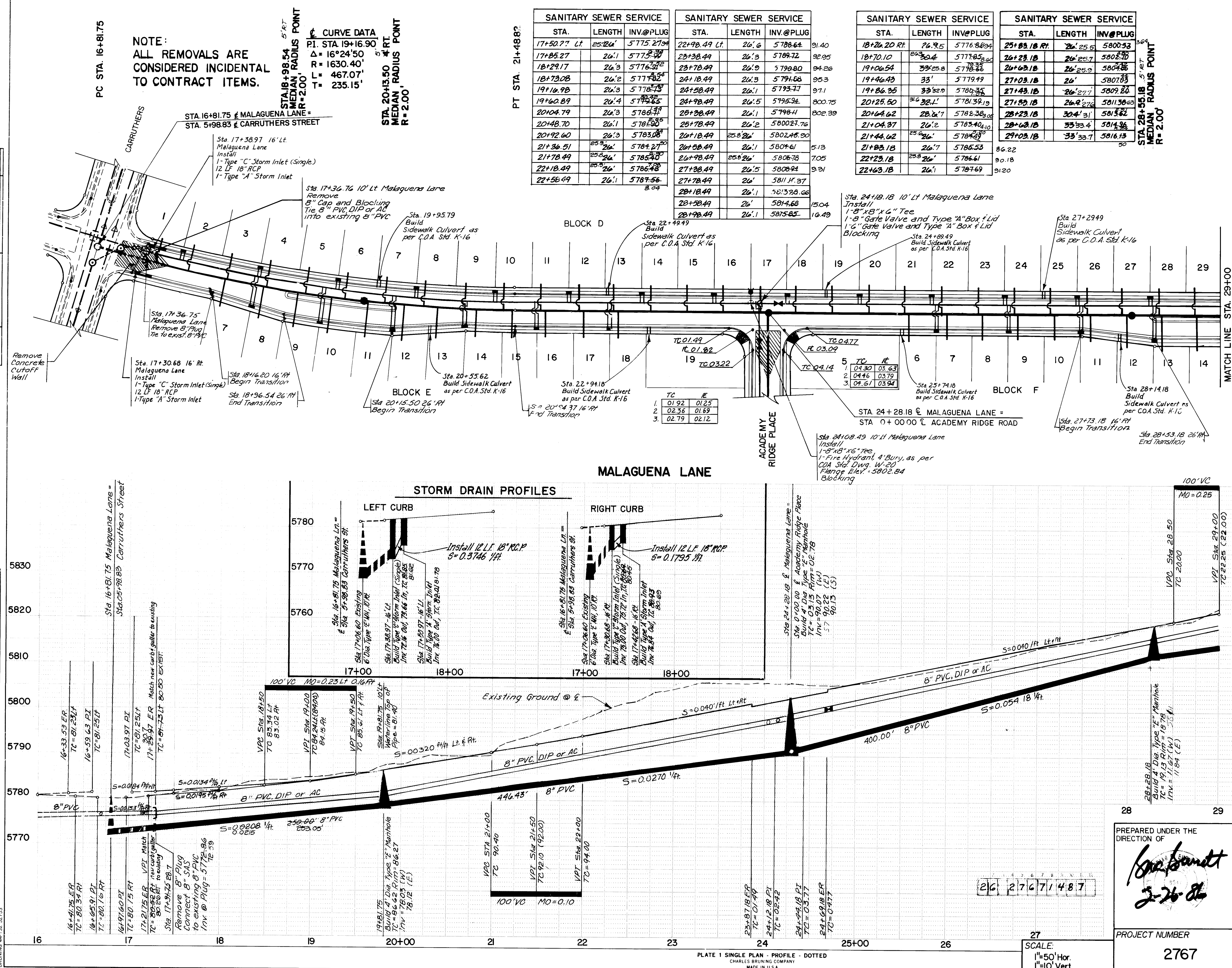
SANITARY SEWER SERVICE		
STA.	LENGTH	IN/VE/PLUG
18+26.20 RT.	76.9'S	5716.8839
18+70.10	^{66.3} 30.4'	5717.85 ₃₀
19+06.54	33' ^{25.8} 25.8	5718.25 ₃₃
19+40.43	33'	5719.49
19+86.35	33' ^{32.0} 32.0	5720.35 ₃₃
20+25.50	^{31.6} 32.1'	5721.39 _{31.6}
20+64.62	28' ^{26.7} 26.7	5723.38 ₂₈
21+04.37	26' ² 26.2	5723.40 ₂₆
21+44.62	^{25.5} 26.2	5724.10 _{25.5}
21+83.18	26' ⁷ 26.7	5726.53
22+23.18	^{25.8} 26.2	5726.61
22+63.18	26' ¹ 26.1	5727.69

SANITARY SEWER SERVICE		
STA.	LENGTH	INV@PLUG
25+02.18 RT.	26'-25.5'	5800.53
26+23.18	26'-25.7'	5802.70
26+43.18	26'-25.2'	5804.35
27+03.18	26'	5807.83
27+43.18	26'-27.7'	5809.84
27+83.18	26'-29.27'	5811.36
28+23.18	30'-4'-31'	5815.84
28+63.18	33'-33'-4'	5814.96
29+03.18	33'-33.7'	5816.13

FWWA Region No.			SHEET NO.	TOTAL SHEETS
6	NEW MEXICO			

[illegible]

WATER SERVICE	
TYPE	STATION
Double	17+75.27 LT
Double	18+60.10 RT
Double	18+63.08 LT
Double	19+36.43 RT
Double	19+50.89 LT
Double	20+15.50 RT
Double	20+38.70 LT
Double	20+94.37 RT
Double	21+26.51 LT
Double	21+73.18 RT
Double	22+08.49 LT
Double	22+53.18 RT
Double	22+28.49 LT
Double	23+68.49 LT
Double	24+48.49 LT
Double	25+28.49 LT
Double	26+68.49 LT
Double	26+73.18 RT
Double	26+88.49 LT
Double	26+93.18 RT
Double	27+68.49 LT
Double	27+73.18 RT
Double	28+48.19 LT
Double	28+53.18 RT



The improvements shown on this drawing have been as-built in accordance with field surveys performed by Espey, Huston and Associates, Inc. and information provided by MCC, Inc. (contractors) to reflect construction actually accomplished as of this date.

Dr. A. Lorenz

Dr. A. Lorenz, P.E.

12-29-86

DATE


 Dennis A. Lorenz, P.E. 68
 Date _____

					REFERENCES

				MAP NO.
				EST. NO.
				W.O. NO.

NO.	DATE	REMARKS	BY
REVISIONS			
DESIGN			

DESIGNED BY	KLD	DATE
DRAWN BY	LD	DATE
CHECKED BY	KLD	DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ACADEMY RIDGE EAST PHASE II
MALAGUENA LANE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	5/15/94	Liquid Waste	<i>[Signature]</i>	4/23/94
ACE-Design	<i>[Signature]</i>	5/15/94	Traffic	<i>[Signature]</i>	4/23/94
Hydrology	<i>[Signature]</i>	5/15/94	Water	<i>[Signature]</i>	4/23/94

DRAWING NO.	SHEET 14 OF 19
----------------	----------------

PREPARED UNDER THE
DIRECTION OF

Sac. Bennett
2-26-86

PROJECT NUMBER
2767

SCALE:
1"=50' Hor.
1"=10' Vert

PLAN	DATE	BY
REVISIONS		
NO.		
DATE		
BY		
REVISIONS		
NO.		
DATE		
BY		

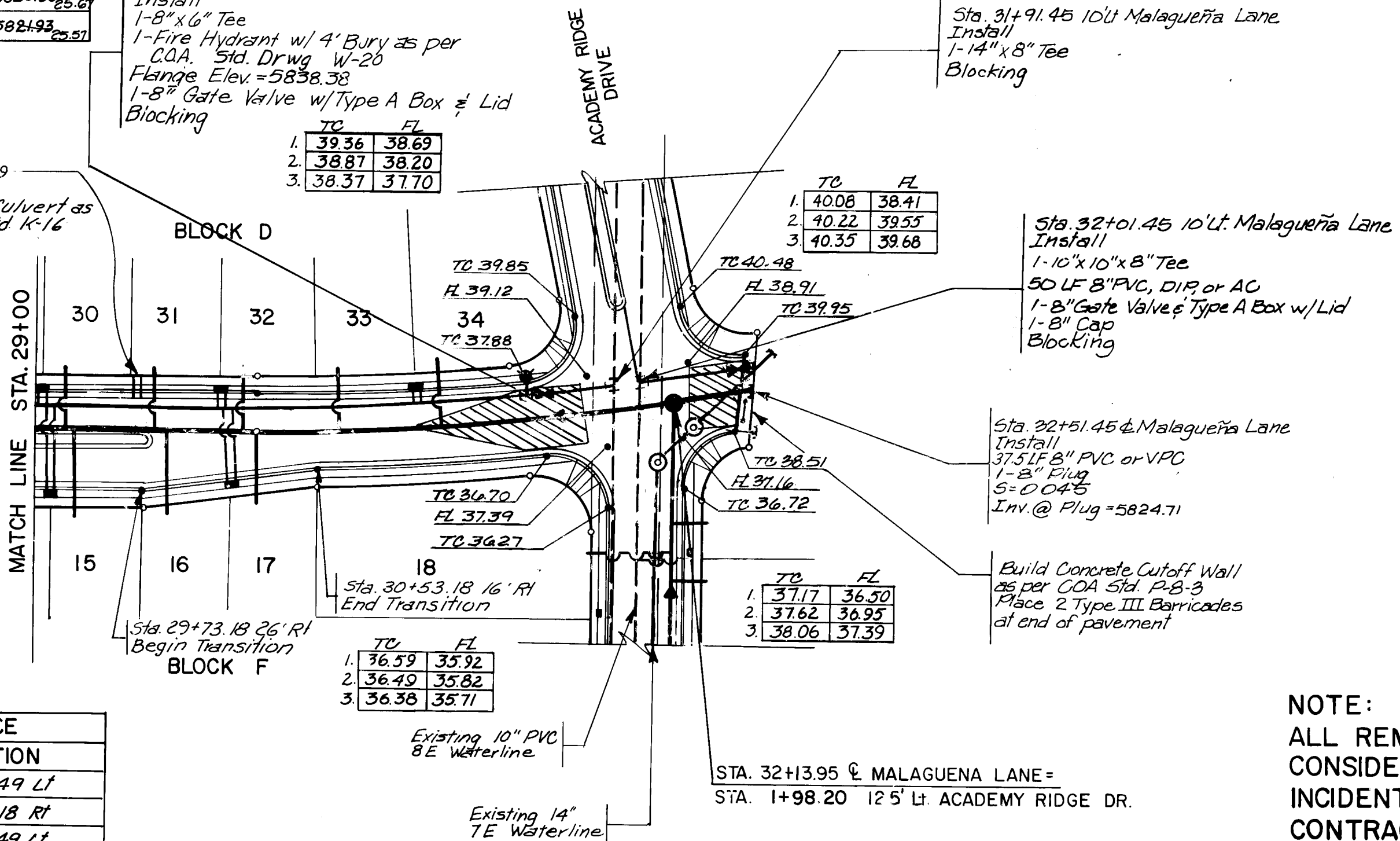
SANITARY SEWER SERVICE	STA.	LENGTH	INV @ PLUG
29+38.49 LT	26'25.8	581.781.49	
29+43.18 RT	33'	581.739.32	
29+78.49 LT	26'25.8	581.781.49	
29+83.18 RT	32.1'	581.844.85	
30+18.49 LT	26'27.4	581.935.82	
30+23.18 RT	28.6'	581.952.54	
30+61.68 LT	26'27.7	582.040.57	
31+07.15 LT	26'5	582.193.21	

STA 29+71.8 4 RT
MEDIAN RADIUS POINT
R=200

PC STA. 30+25.21

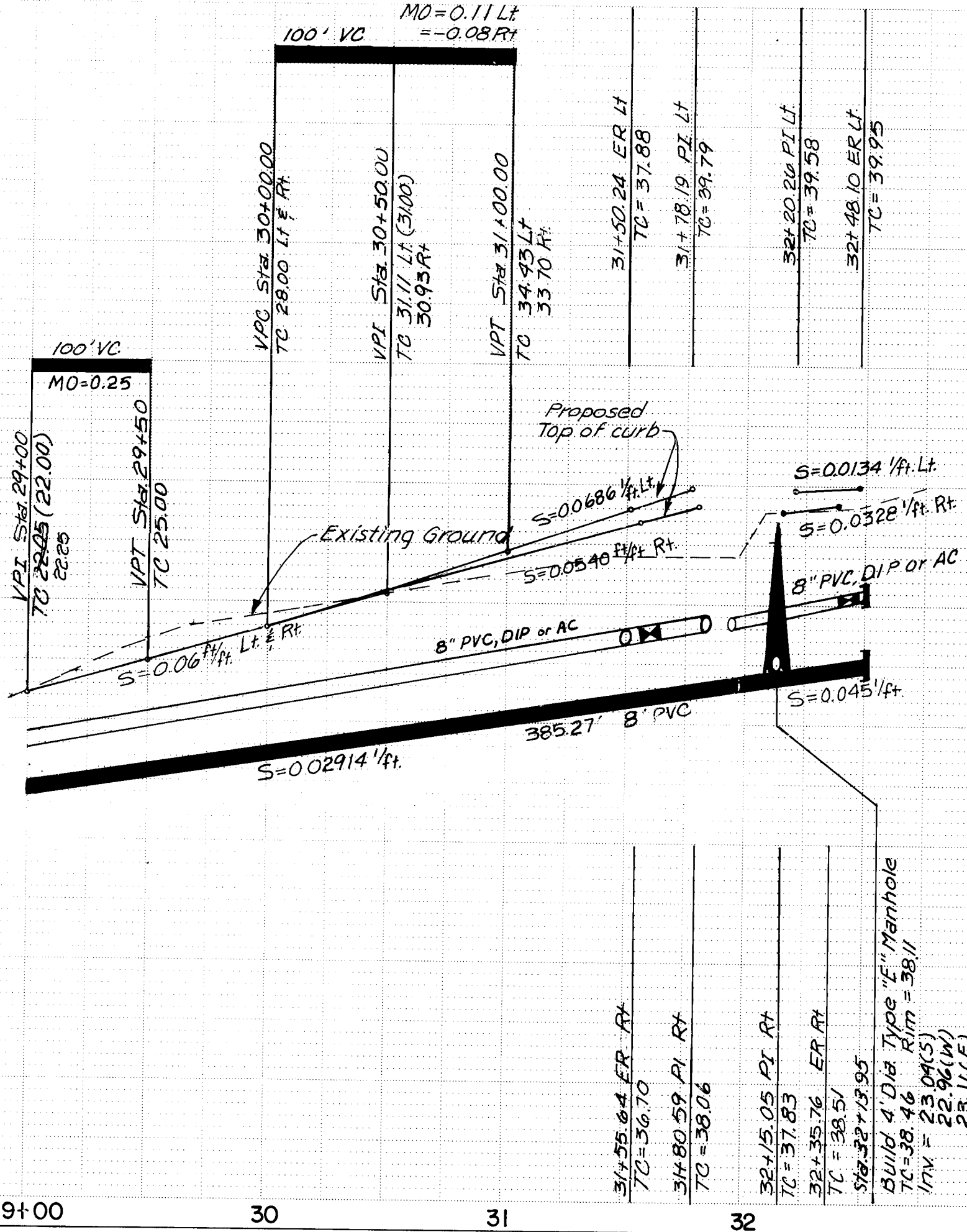
℄ CURVE DATA
P.I. STA. 31+13.49
Δ = 8° 23' 09"
R = 1204.16'
L = 176.23'
T = 88.28'

PT. STA. 32+01.45



WATER SERVICE	TYPE	STATION
Double	29+28.49 LT	
Double	29+33.18 RT	
Double	30+08.49 LT	
Double	30+52.61 RT	
Double	30+97.15 LT	

MALAGUENA LANE

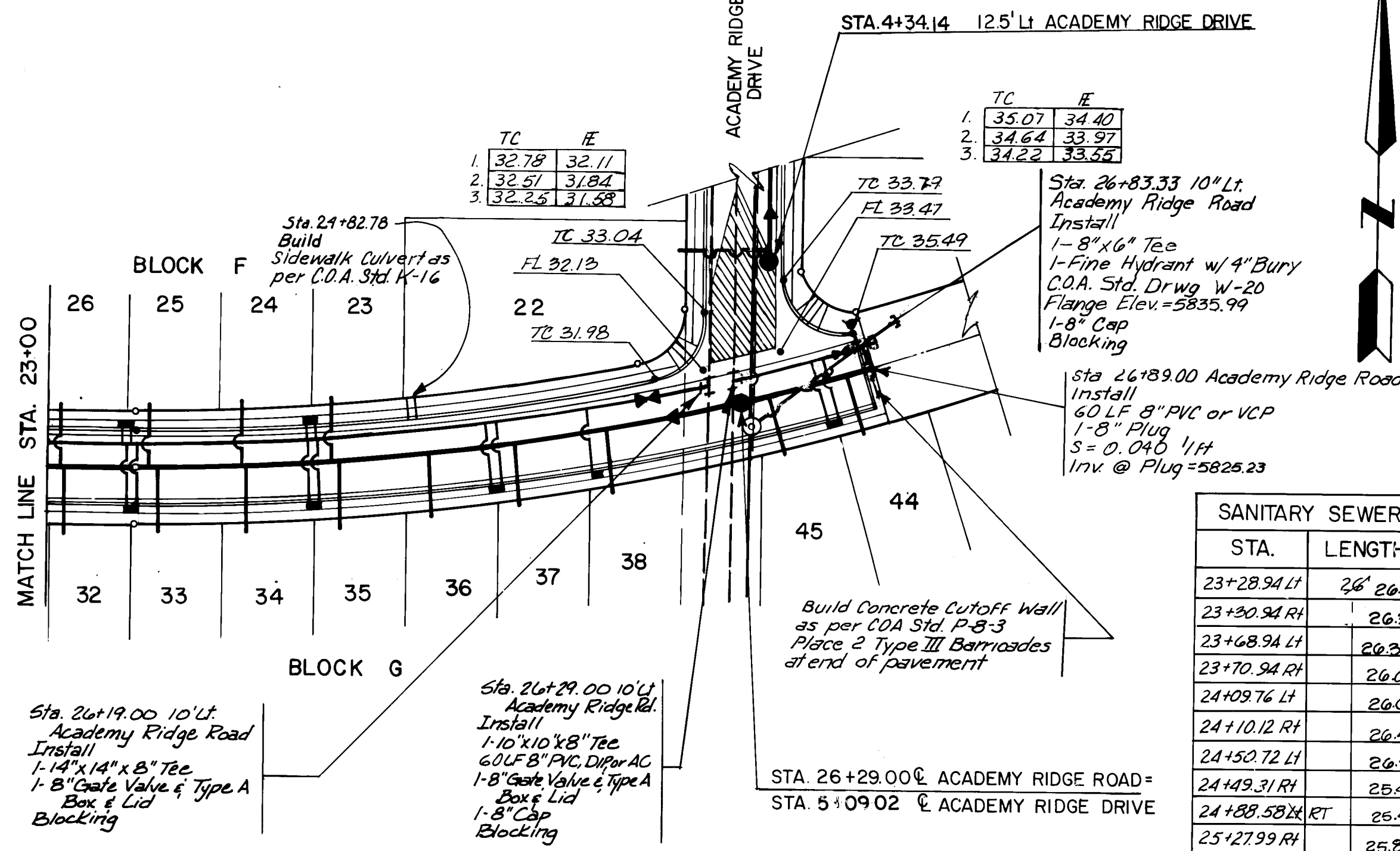


RECORD DRAWING
The improvements shown on this drawing have been as-built in accordance with field surveys performed by Espey, Huston and Associates, Inc. and information provided by MCC, Inc. (contractors) to reflect construction actually accomplished as of this date, to the best of my knowledge and belief.
Dennis A. Lorenz, P.E.
Date 12-29-86

PC STA. 23+62.98

℄ CURVE DATA
P.I. STA. 24+96.61
Δ = 13° 30' 34"
R = 1128.25'
L = 266.02'
T = 133.63'

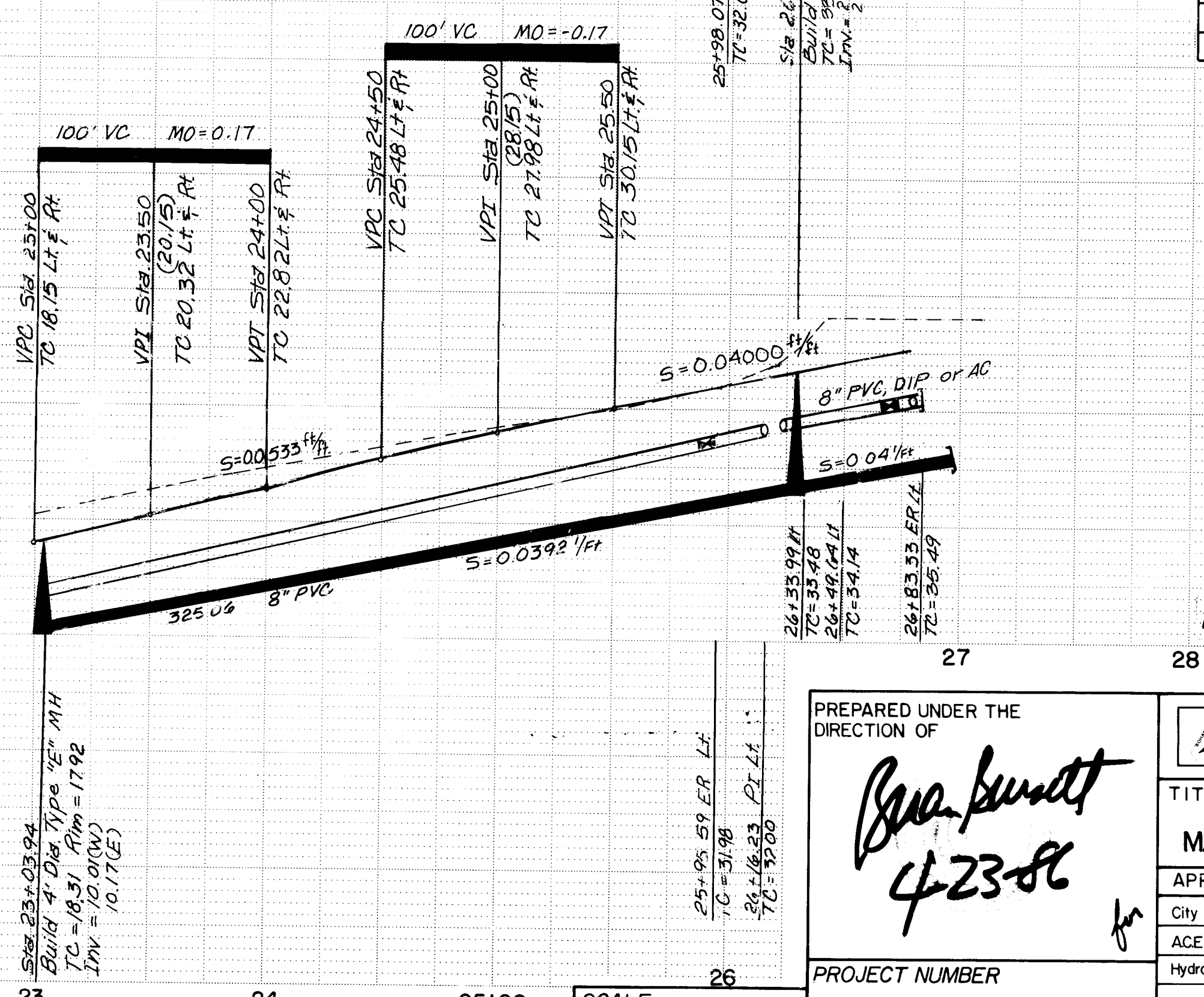
PT. STA. 26+29.00



SANITARY SEWER SERVICE	STA.	LENGTH	INV @ PLUG
23+28.94 LT	26'26.2	581.723.17	
23+30.94 RT	26.3'	581.377.53	
23+68.94 LT	26.2'	591.444.51	
23+70.94 RT	26.0'	581.474.74	
24+09.76 LT	26.0'	581.626.83	
24+10.12 RT	26.4'	581.627.74	
24+50.72 LT	26.2'	581.486.20	
24+53.31 RT	25.4'	581.768.23	
24+88.58 RT	25.4'	581.755.46	
25+27.99 RT	25.8'	582.087.87	
25+67.99 RT	25.7'	582.242.42	
26+38.16 RT	24.7'	582.522.45	
26+72.76 RT	23.6'	582.566.73	

WATER SERVICE	TYPE	STATION
Double	23+58.94 LT	
Double	23+60.94 RT	
Double	24+39.81 LT	
Double	24+40.72 RT	
Double	25+17.99 RT	
Single	25+57.99 RT	
Double	26+62.76 RT	

ACADEMY RIDGE ROAD



PREPARED UNDER THE DIRECTION OF
James Bennett
4-23-86

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ACADEMY RIDGE EAST PHASE II
MALAGUENA LANE & ACADEMY RIDGE ROAD

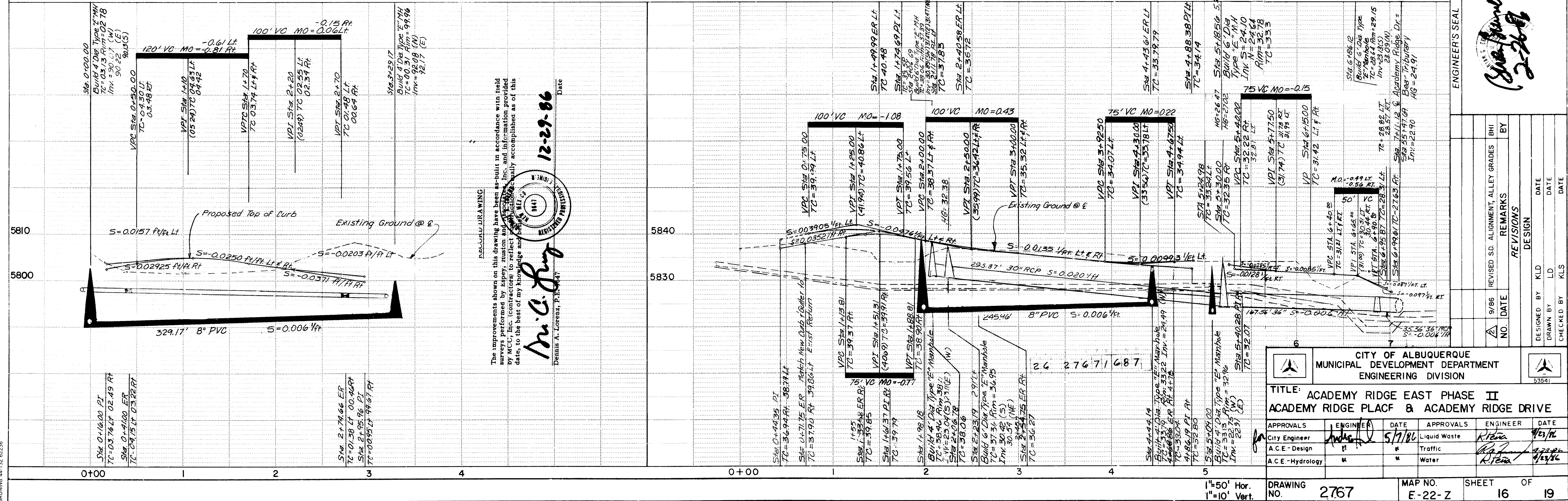
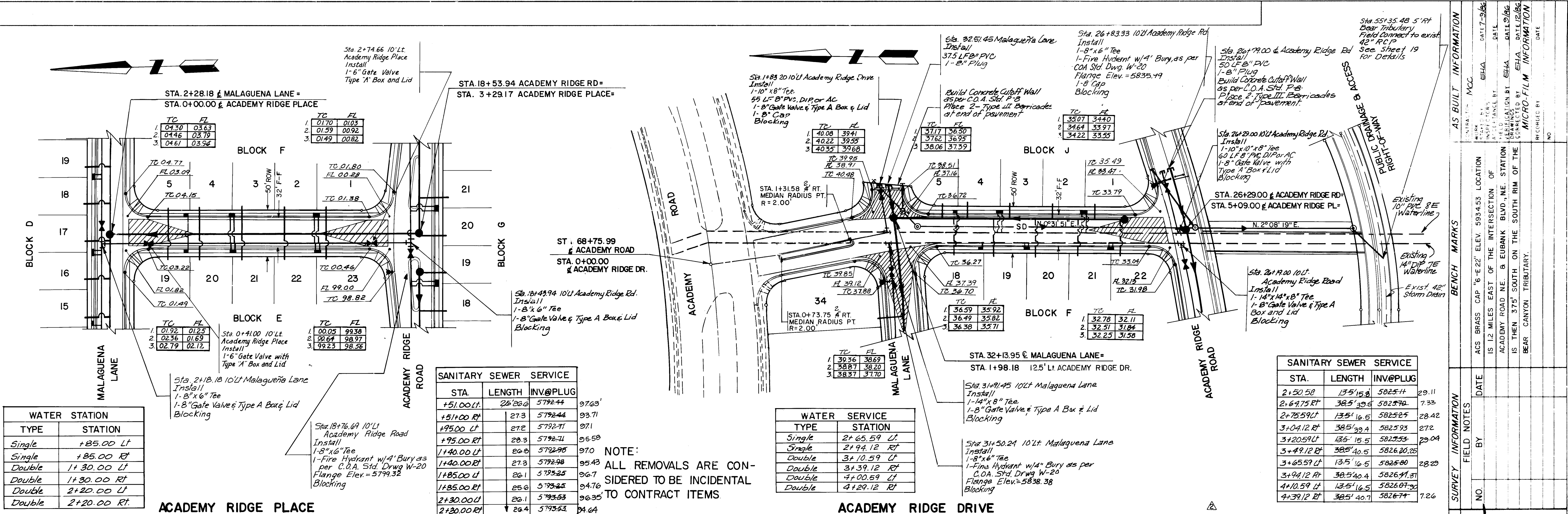
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>James Bennett</i>	5/1/86	Liquid Waste	<i>James Bennett</i>	5/1/86
ACE - Design			Traffic		
Hydrology			Water		

PROJECT NUMBER 2767

DRAWING NO. SHEET 15 OF 19

PLATE 1 SINGLE PLAN - PROFILE DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

SCALE:
1"=50' Hor.
1"=10' Vert.



F.H.W.A. Region No.			SHEET NO.	TOTAL SHEETS
6	NEW MEXICO			

AS-BUILT INFORMATION			
CONTRACTOR	MCC		
WORKED BY	EHA	DATE	7-9/86
INSPECTED BY		DATE	
ACCEPTANCE BY		DATE	
FIELD OPERATION BY	EHA	DATE	9/86
CORRECTED BY	EHA	DATE	9/86
MICRO-FILM INFORMATION			
RECORDED BY	DATE		
NO.			



44-132-52753

STRUCTURE NOTATIONS: CP, RD

5820

5810

5800

5790

5780

5770

40+00

41

42

43

44

45+00

46

47

48

49

50+00

SCALE

39+65.00 50 M.H.
Adj. Elev. 5712.58
18" 20" Diameter Sewer Pipe
V=20.00 Corrections S

44+150.00 50 M.H.
Adj. Elev. 5767.32
TC=87.42

48+150.00 50 M.H.
Adj. Elev. 5805.45
TC=105.57

100' VC
VPC 40+21.20
TC=75.80
L=141.60
MO=0.25
VPT 41+31.20
TC=76.45
L=141.60
VPC 47+00.00
TC=99.98
MO=-0.09
VPT 47+50.00
TC=100.00
VPT 48+00.00
TC=100.00

100' VC
MO=-0.09

48+55.00
TC=88.14
94.14 ft
Remove Exist. One-Block Wall 94.14 ft
Match New Header Curb & Alley
Section & Alignment to Existing

Top of Existing Header Curb
(City Project 2289)

6" PVC Existing Waterline

Proposed Top of Header Curb

Existing Ground @ 2

S=0.021/ft

S=0.04180 1/ft

S=0.0350 1/ft

51

52

50+90 TC=141.14 ft

51+57.32 TC=163.64 ft
16.44 ft

PREPARED UNDER THE
DIRECTION OF

J. J. Bunn
423-82

PROJECT NUMBER

RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field surveys performed by Espey, Huston & Associates, Inc. and information provided by M.C.C., Inc. (contractors) to reflect what they actually accomplished as of this date.

78-62-21

M.A. for
Dennis A. Lorenz, P.E. 1647

[illegible]

PREPARED UNDER THE
DIRECTION OF

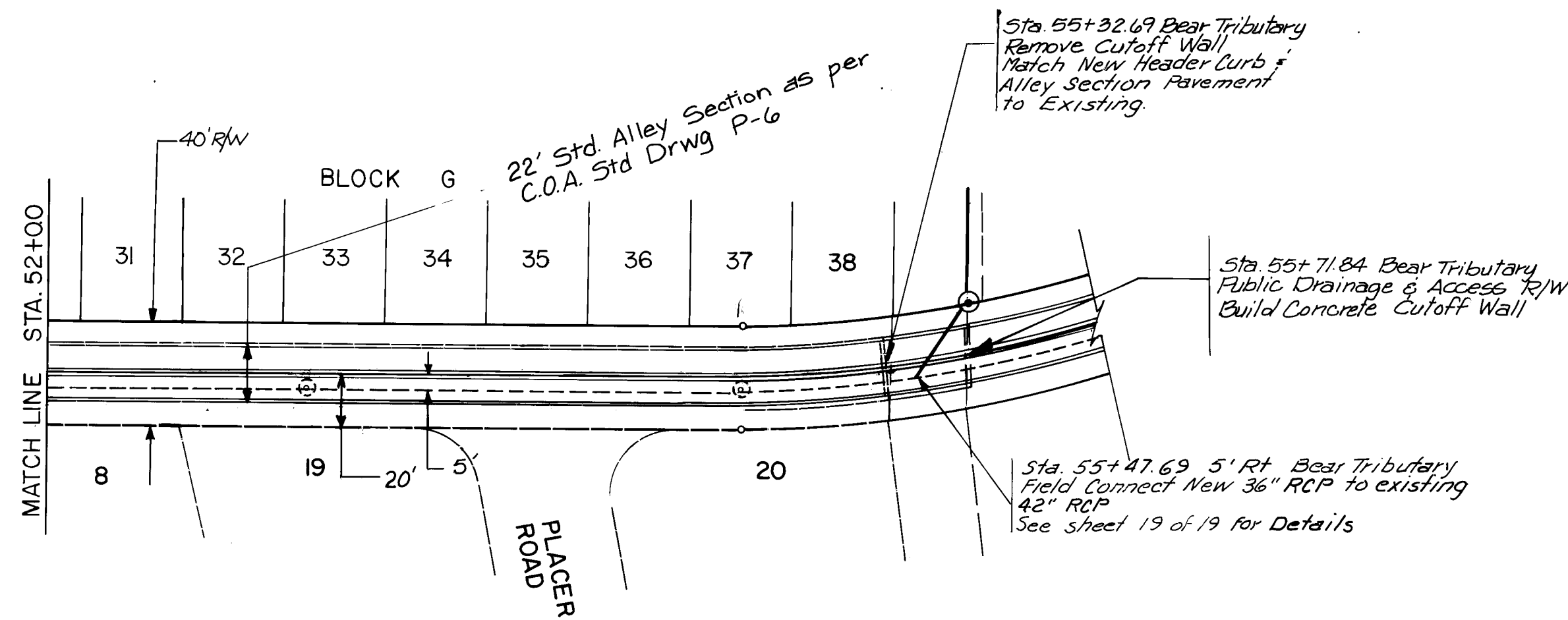
Joe Burnett
4-23-82

	CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION				
63541					
TITLE: ACADEMY RIDGE EAST PHASE II PUBLIC DRAINAGE & ACCESS RIGHT-OF- WAY					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	6/1/16	Liquid Waste	<i>[Signature]</i>	6/1/16
ACE - Design	" "	" "	Traffic	<i>[Signature]</i>	6/1/16
Hydrology	" "	" "	Water	<i>[Signature]</i>	6/1/16
DRAWING NO.			SHEET 17 OF 19		

NOTE:
ALL REMOVALS ARE TO BE
CONSIDERED INCIDENTAL TO
CONTRACT ITEMS

FHWA Region No.			SHEET NO.	TOTAL SHEETS
6	NEW MEXICO			

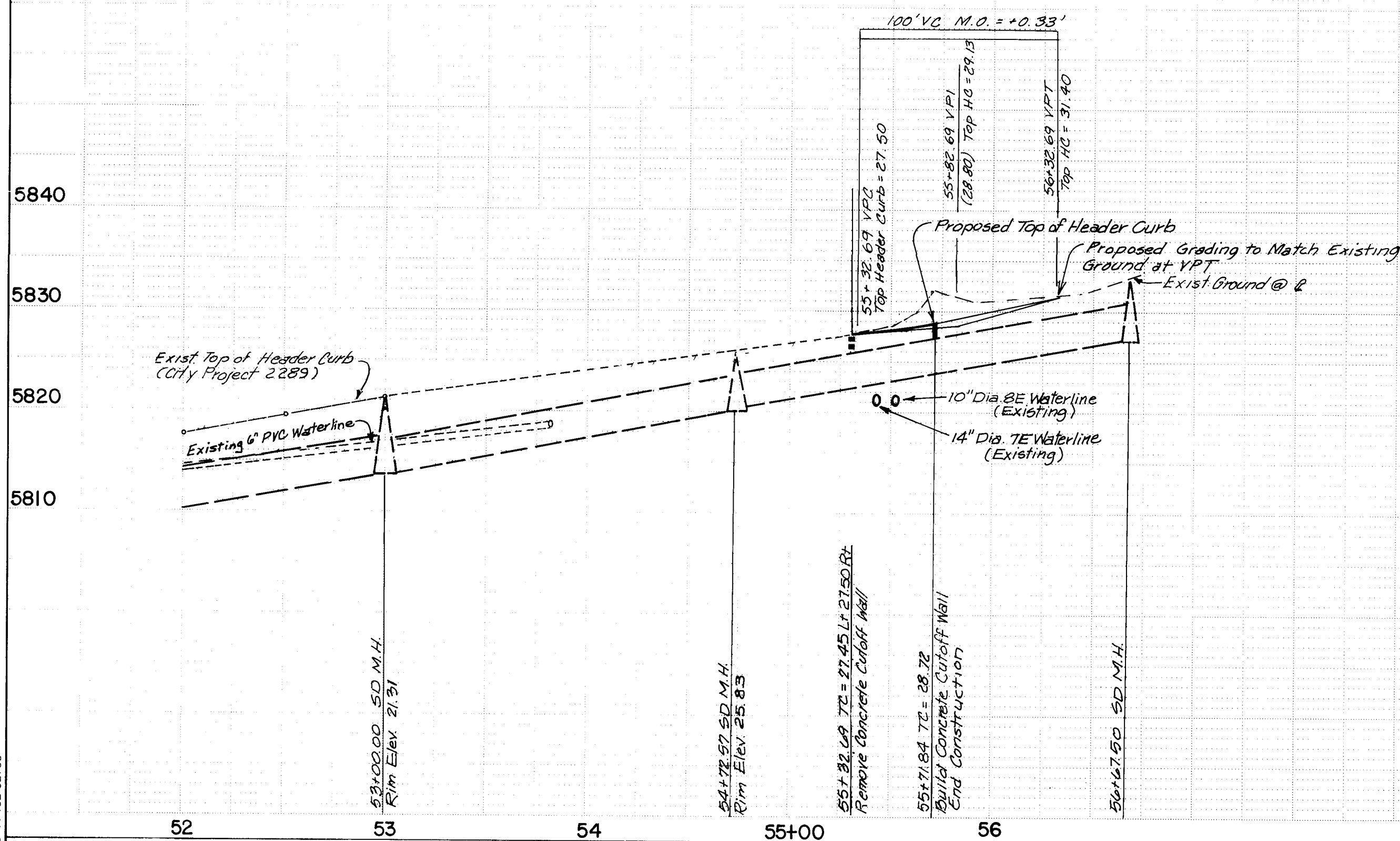
PLAN	SURVEYED PLOTTER ALIGNED CHECKED BY	DATE
NO.	NO.	NO.



PROSPECTOR'S POINT SUBDIVISION

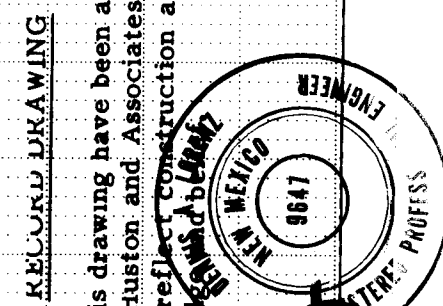
DRAINAGE EASEMENT

PROFILE	SURVEYED PLOTTER B.M. NOTED STRUCTURE NOTATIONS CHKD	DATE
NO.	NO.	NO.



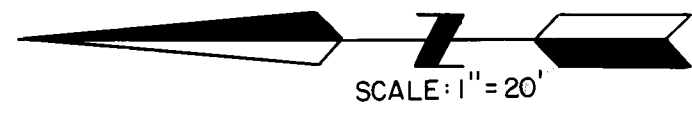
The improvements shown on this drawing have been as-built in accordance with field
performances by Huppy, Huston and Associates, Inc. and information provided
by M.C. Lorenz, Inc. to reflect construction actually accomplished as of this
date, to the best of my knowledge and belief.

12-29-86
Dennis A. Lorenz, P.E.
Date

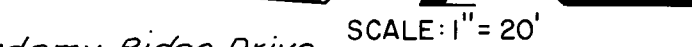
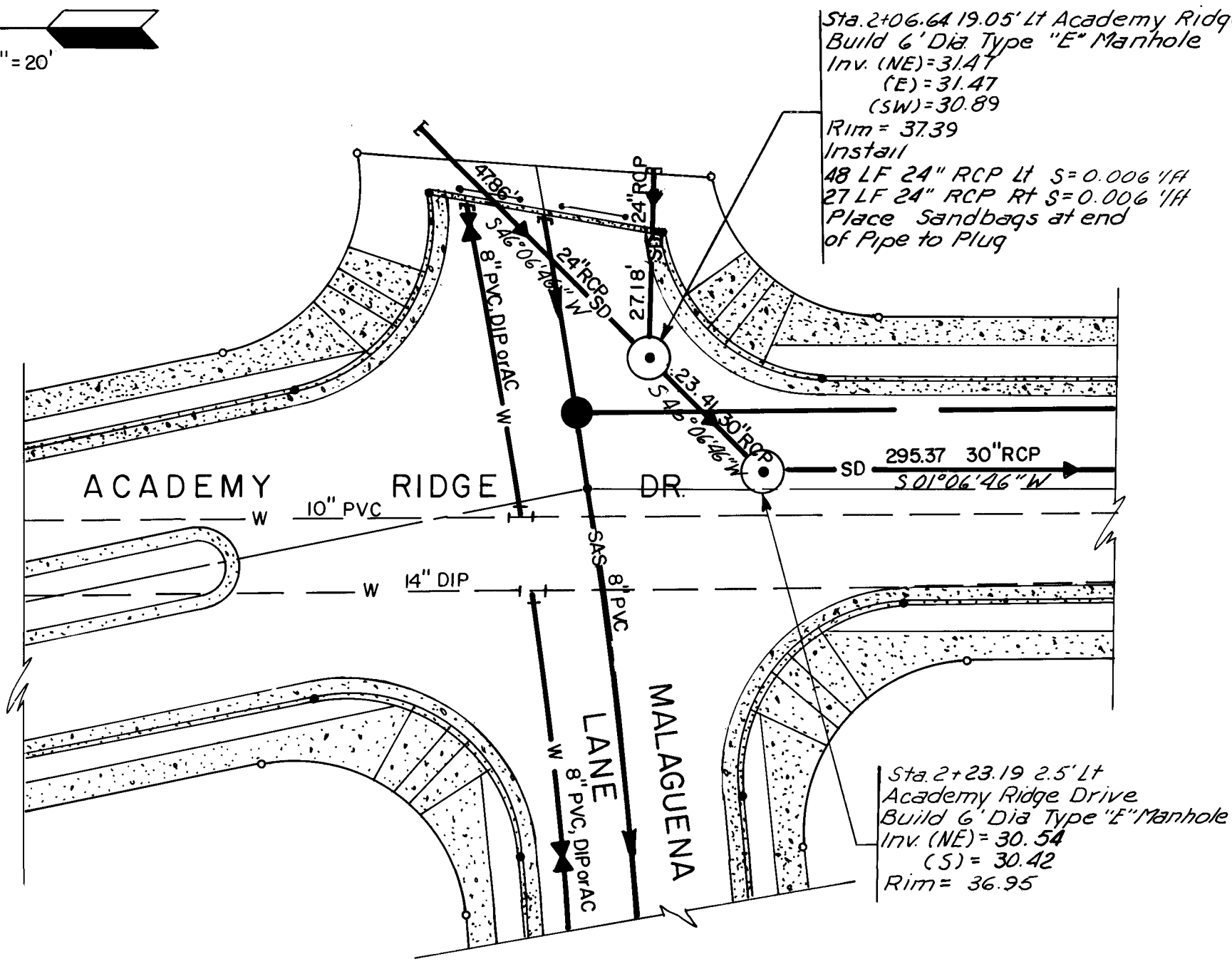


26 27 67 18 87

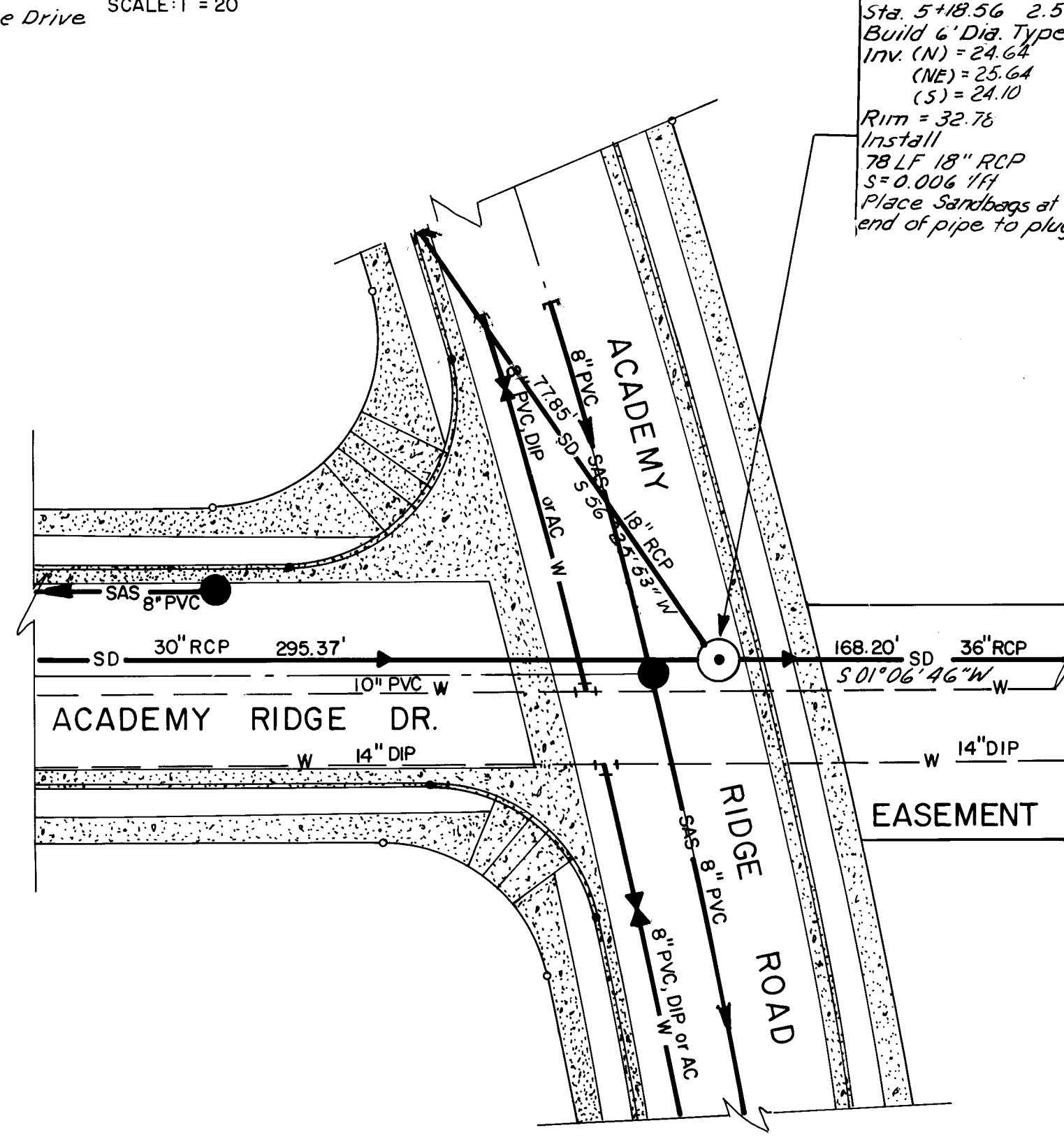
PREPARED UNDER THE DIRECTION OF <i>San Juan</i> <i>423-86</i>	CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION	TITLE: ACADEMY RIDGE EAST PHASE II PUBLIC DRAINAGE & ACCESS RIGHT-OF-WAY
PROJECT NUMBER 2767	APPROVALS City Engineer: <i>San Juan</i> ACE-Design: <i>San Juan</i> Hydrology: <i>San Juan</i>	ENGINEER DATE: 5/1/87 APPROVALS Liquid Waste: <i>R. Peña</i> Traffic: <i>R. Peña</i> Water: <i>R. Peña</i>
SCALE: 1"=50' Hor. 1"=10' Vert.	DRAWING NO.	SHEET 18 OF 19



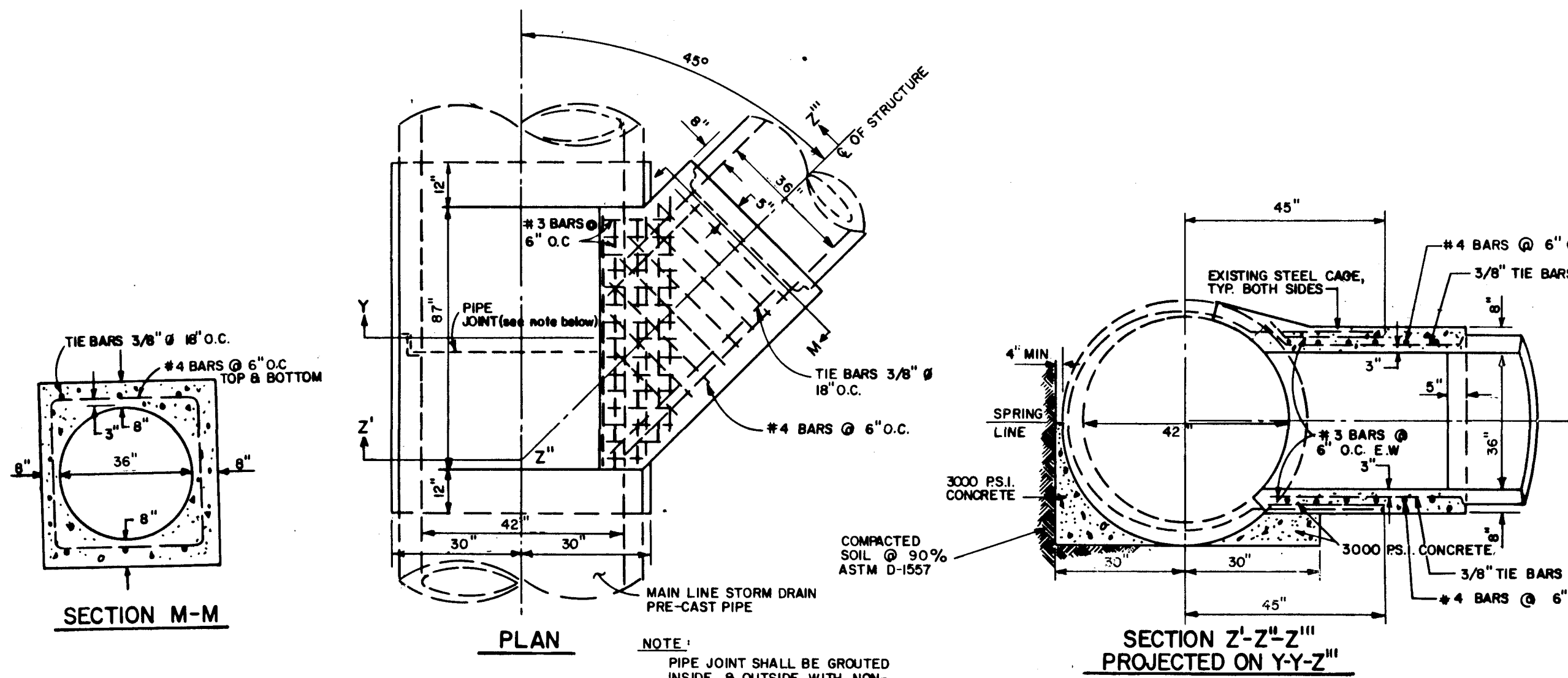
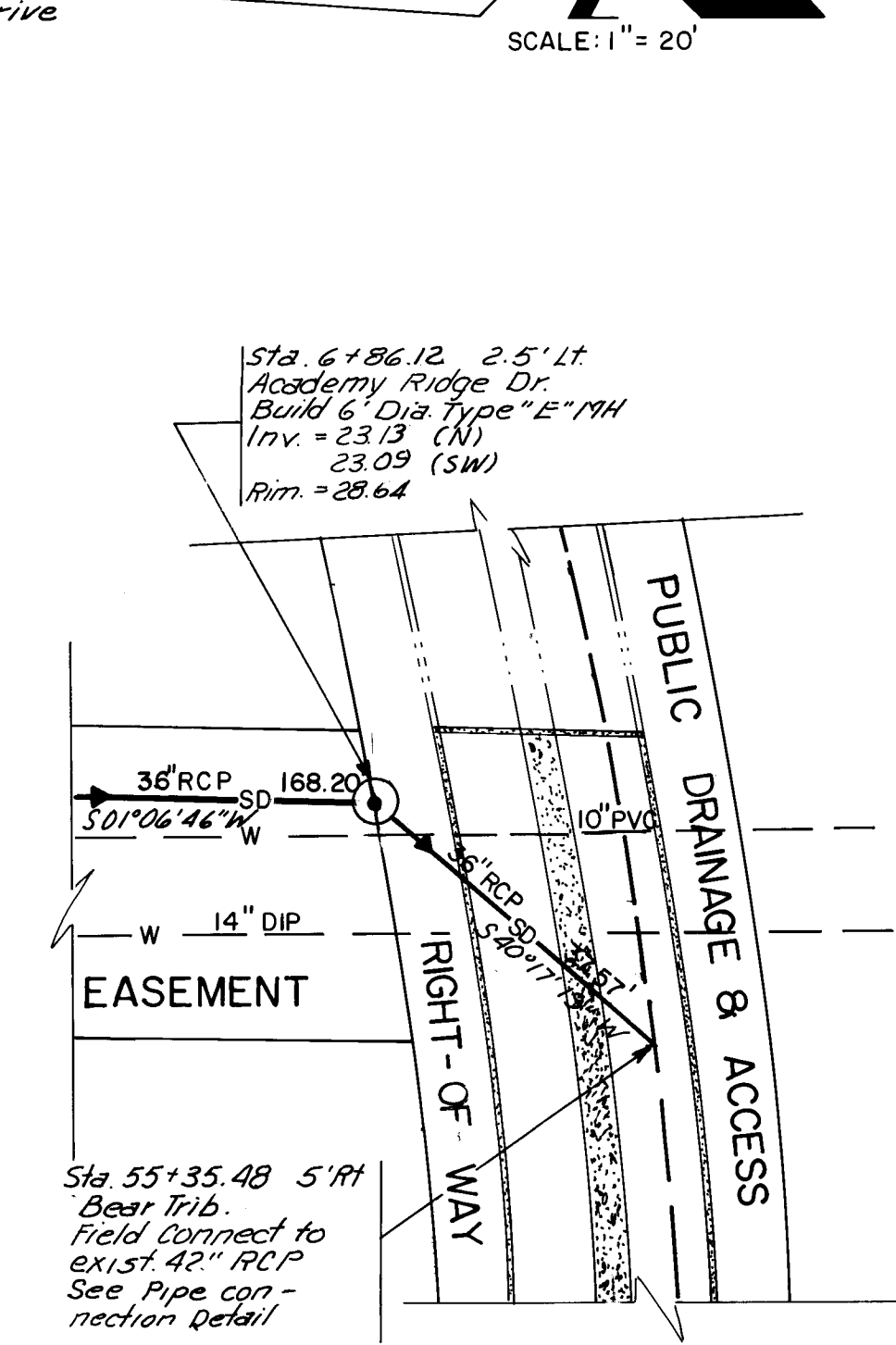
SCALE: 1" = 20'



SCALE: 1" = 20'

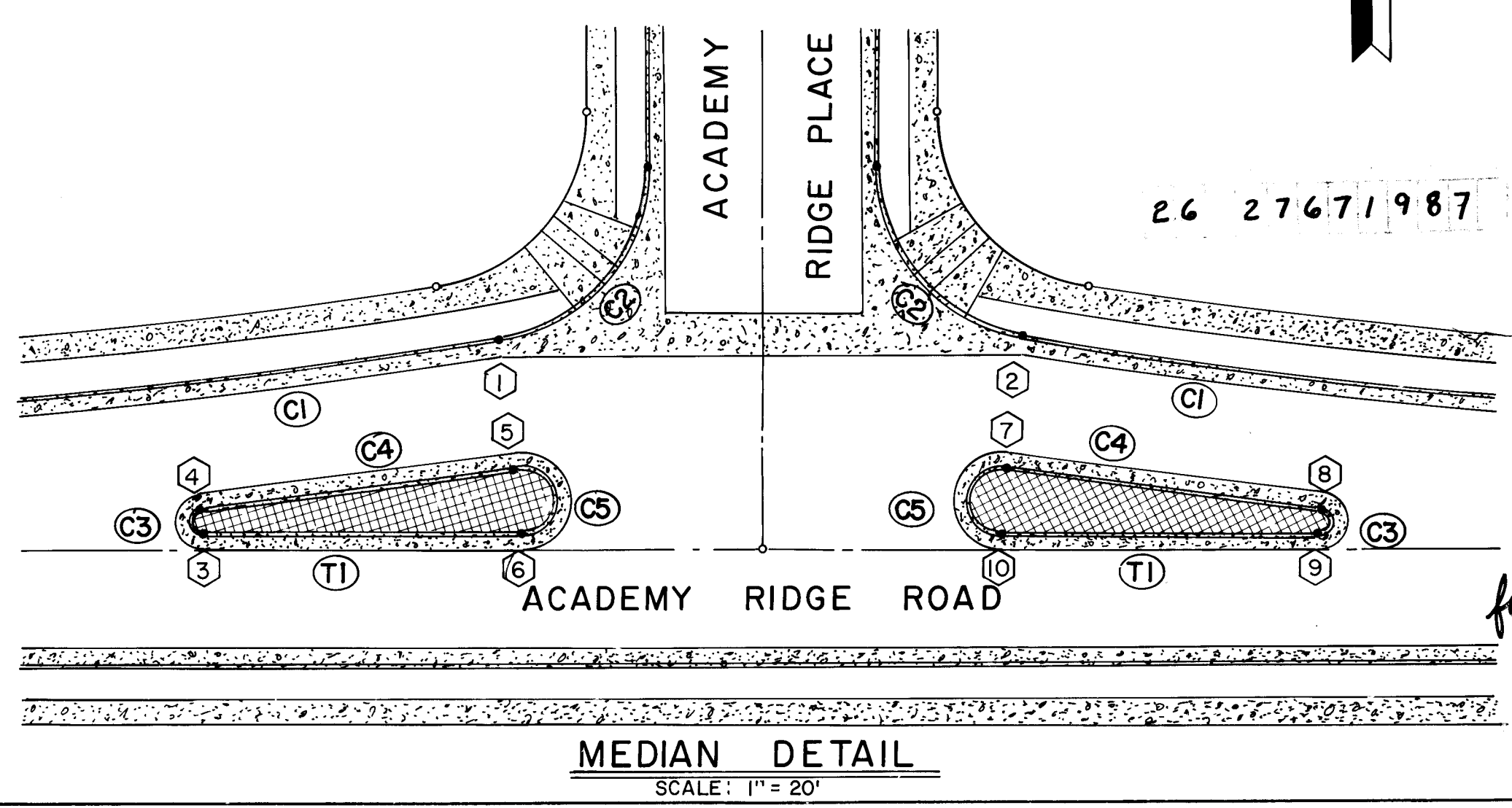


SCALE: 1" = 20'



PIPE CONNECTION DETAIL
NO SCALE

STATIONS AND OFFSETS			CURB CURVE DATA			
1	STA 18 + 16.69	29.79' LT.	(C1)	R = 8 37' 47"	(C2)	R = 81 22' 13"
2	STA 18 + 91.19	29.79' LT.		R = 1218.01'		R = 25.00'
				L = 183.46'		L = 35.50'
3	STA 17 + 74.44	2.00' LT.		T = 91.90'		T = 21.49'
4	STA 17 + 74.22	5.99' LT.	(C3)	R = 173 28' 59"	(C4)	R = 2 5' 50"
				R = 2.00'		R = 1236.01'
5	STA 18 + 19.06	11.94' LT.		L = 6.06'		L = 45.24'
				T = 35.12'		T = 22.62'
6	STA 18 + 19.81	2.00' LT.				
7	STA 18 + 88.82	11.94' LT.	(C5)	R = 188 36' 52"	(T1)	N 91 06' 25" E 45.37'
				R = 5.00'		
8	STA 19 + 33.66	5.99' LT.		L = 16.46'		
9	STA 19 + 33.44	2.00' LT.				
10	STA 18 + 88.07	2.00' LT.				



MEDIAN DETAIL
SCALE: 1" = 20'

The improvements shown on this drawing have been as-built in accordance with field surveys performed by Espey, Hutton and Associates, Inc. and information provided by MCC, Inc. (contractors) to reflect construction actually accomplished as of this date, to the best of my knowledge and belief.

Dennis A. Lorenz, P.E.
REGISTERED PROFESSIONAL ENGINEER
No. 12-29-86
Date

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION	
TITLE: ACADEMY RIDGE EAST PHASE II MISCELLANEOUS DETAILS	
APPROVALS	ENGINEER
City Engineer	5/7/86
A.C.E. - Design	Liquid Waste
A.C.E. - Hydrology	Traffic
	Water
DRAWING NO. 2767	MAP NO. E 22-Z
	SHEET 19 OF 19