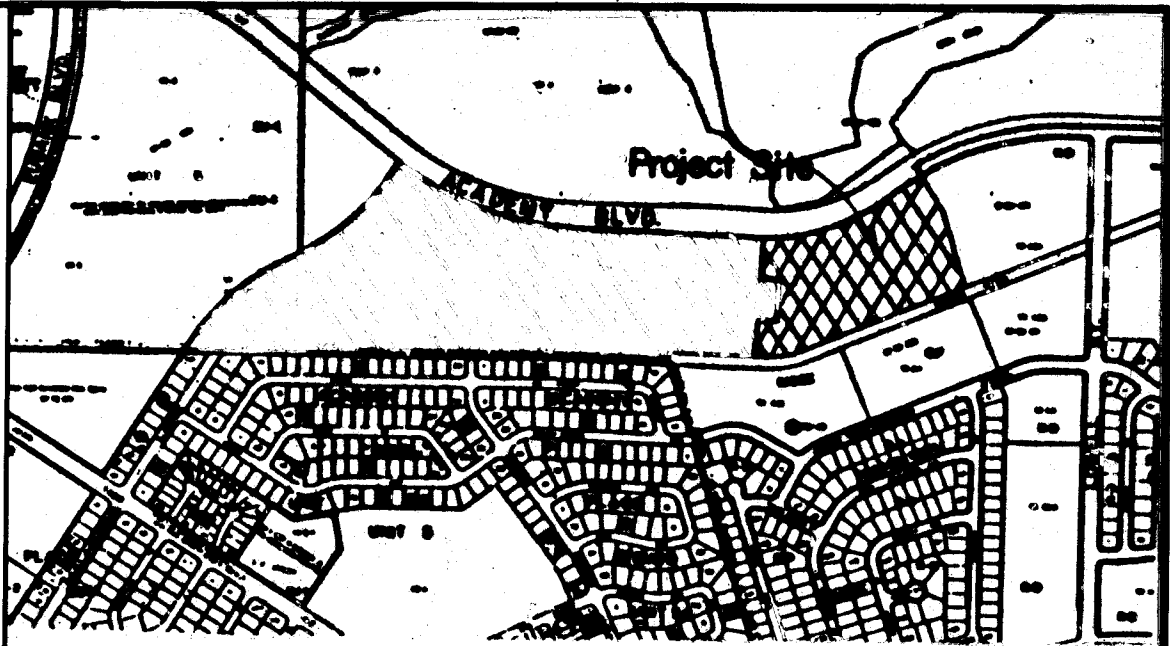


CONSTRUCTION PLANS
FOR
ACADEMY RIDGE EAST
PHASE III
ALBUQUERQUE, NEW MEXICO



GENERAL NOTES

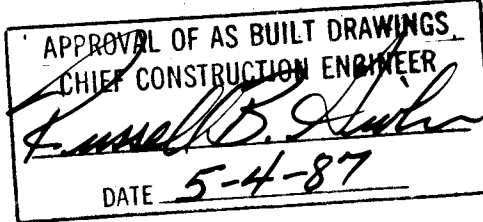
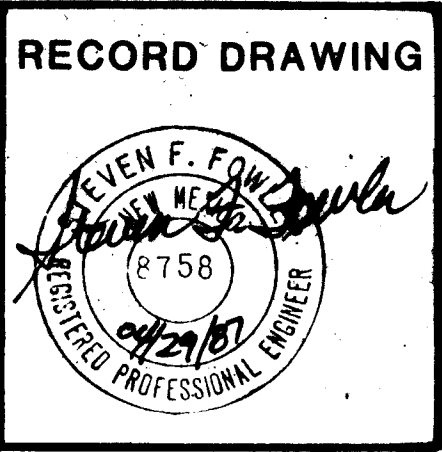
NOTICE TO CONTRACTORS

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS PUBLIC WORKS CONSTRUCTION, 1985 EDITION.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, 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.

NO.	DESCRIPTION
1	TITLE SHEET
2-5	PLAT
6	PAVING LAYOUT
7	WATER DISTRIBUTION PLAN
8	SANITARY SEWER LAYOUT
9	GRADING PLAN
10	RETAINING WALL & DRAINAGE DETAILS
11	MALAGUENA LANE & ACADEMY RIDGE ROAD
12	ACADEMY RIDGE ROAD
13	PUBLIC DRAINAGE RIGHT-OF-WAY & TYPE 'A' RUNDOWN



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

13	7, 11, 12	2/13/87	2/13/87								
REV	SHEETS	CITY ENGINEER	DATE	USER	DEPT	DATE	USER	DEPT	DATE		

APPROVAL OF REVISIONS

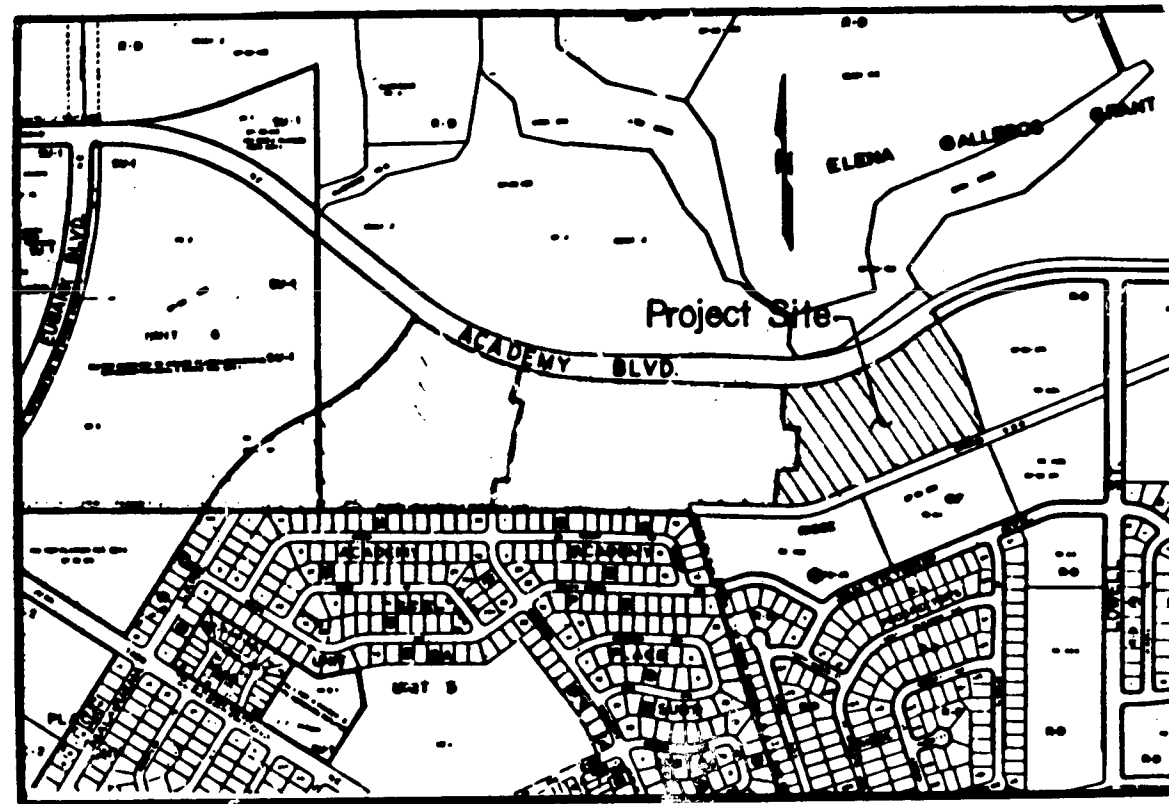
BOHANNAN - HUSTON INC.
ALBUQUERQUE - SANTA FE - EL PASO
ENGINEERS PLANNERS PHOTOGRAMMETRISTS

APPROVED FOR CONSTRUCTION

PROJECT NUMBER
3001

SHEET 1 OF 13

09-04-425



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.

SUBDIVISION DATA

1. DRB Number 84-212, S-84-23
2. Zone Atlas Index Number: E-22
3. Gross Subdivision Acreage: 10.5631 acres.
4. Total Number of Lots Created: 72 Lots.
5. Total Mileage of Full-Width Streets Created: 0.298 Mile.
6. Plat was prepared from existing Plats of Record.
7. Site is located within projected Section 27, T11N, R4E, N.M.P.M.
8. This plat shows existing easements.
9. The purpose for filing this replat is to subdivide.

APPROVALS

PLAT NUMBER S-84-23PLANNING DIRECTOR [Signature]CITY ENGINEER [Signature]A.M.A.F.C.A. [Signature]TRAFFIC ENGINEER [Signature]CITY SURVEYOR [Signature]PROPERTY MANAGEMENT [Signature]WATER RESOURCES [Signature]PARKS AND RECREATION [Signature]PUBLIC SERVICE COMPANY OF NEW MEXICO [Signature]MOUNTAIN BELL [Signature]GAS COMPANY OF NEW MEXICO [Signature]DATE 11-17-86DATE 11-19-86DATE 11-19-86DATE 9-2-86DATE 9-17-86DATE 9-17-86DATE 9-9-86DATE 9-9-86DATE 9-19-86DATE 9-19-86DATE 9-19-86DATE 9-19-86

86115213

SUBDIVISION PLAT MAP

FOR

ACADEMY RIDGE EAST

UNIT THREE

WITHIN PROJECTED SECTION 27, T11N, R4E, N.M.P.M.

ALBUQUERQUE, NEW MEXICO

AUGUST, 1986

DESCRIPTION

A certain tract of land situate within the Elena Gallegos Grant, City of Albuquerque, Bernalillo County, New Mexico, within projected Section 27, T11N, R4E, N.M.P.M., being Tract B, ACADEMY RIDGE EAST, UNIT TWO, as the same is shown and designated on the plat filed in the office of the County Clerk of Bernalillo County, New Mexico on July 21, 1986, in Volume C31, Folio 13 and being more particularly described by New Mexico State Plane Grid Bearings and ground distances as follows:

BEGINNING at the southwest corner of said Tract B 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 westerly boundary of said Tract B, N01°06'46"E, 152.72 feet to a point on a curve; thence, 75.23 feet along the arc of a curve to the left having a radius of 1153.25 feet and a chord bearing N75°30'58"E, 75.22 feet to a point; thence, N28°21'20"W, 51.17 feet to a point on a curve; thence 82.25 feet along the arc of a curve to the left having a radius of 1103.25 feet and a chord bearing N72°03'52"E, 82.23 feet to a point; thence, N01°06'46"E, 244.92 feet to a point on a curve; thence, 38.94 feet along the arc of a curve to the right having a radius of 777.23 feet and a chord bearing S76°50'42"W, 38.94 feet to a point of compound curvature; thence, 52.85 feet along the arc of a curve to the right having a radius of 1229.16 feet and a chord bearing S79°30'45"W, 52.84 feet to a point; thence, N04°57'34"E, 51.65 feet to a point on a curve; thence, 39.01 feet along the arc of a curve to the right having a radius of 25.00 feet and a chord bearing N55°10'20"W, 35.17 feet to a point of tangency; thence, N10°28'20"W, 70.00 feet to a point; thence, N34°50'49"E, 35.55 feet to the northwest corner of said Tract B being the southerly right-of-way of Academy Road, N.E.; thence continuing along said right-of-way and the northerly boundary of said Tract B, 550.54 feet along the arc of a curve to the left having a radius of 1059.16 feet and a chord bearing N65°16'31"E, 544.36 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 B being the northeast corner of the tract herein described; thence leaving said right-of-way and continuing along the east boundary of said Tract B, 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 B being also the southeast corner of the tract herein described; thence continuing along the southerly boundary of said Tract B, S67°05'21"W, 705.00 feet to a point; thence, S22°54'39"E, 20.00 feet to a point; thence along said Drainage, Access and Waterline Right-of-Way being also the southerly boundary of said Tract B, 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 10.5631 acres, more or less.

PUBLIC UTILITY EASEMENTS

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

- A. The Public Service Company of New Mexico for the installation, maintenance, and service of overhead and underground electrical lines, transformers, and other equipment and related facilities reasonably necessary to provide electrical service.
- B. The Gas Company of New Mexico for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
- C. Mountain Bell for the installation, maintenance and service of all buried and aerial communication lines and other related equipment and facilities reasonably necessary to provide communication services, including but not limited to above ground pedestals and closures.
- D. Jones Interchange for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide Cable TV service.

Included is the right of ingress and egress for the construction and maintenance and the right to trim interfering trees and shrubs. Also included is the right to install and maintain service lines.

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 B ACADEMY RIDGE EAST, UNIT TWO, as the same is shown and designated on the plat filed in the office of the County Clerk of Bernalillo County, New Mexico on July 21, 1986, in Volume C31, Folio 13 and now hereon shown and comprising ACADEMY RIDGE EAST, UNIT THREE, is with free consent and in accordance with the desires of the undersigned owner(s) and/or proprietor(s) thereof and said owner(s) and/or proprietor(s) do hereby 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, and other related equipment where shown or indicated, including the right of ingress and egress for construction and maintenance, and the right to trim interfering trees and shrubs.

AMERIWEST CORPORATION

[Signature]
Gerald E. Donaldson
Vice President, AmeriWest Corporation

State of New Mexico)
County of Bernalillo)

The foregoing instrument was acknowledged before me this 21 day of September, 1986, by Gerald E. Donaldson, Vice President, AmeriWest Corporation, a New Mexico Corporation on behalf of said Company.

My commission Expires: 6/24/90

[Signature]
Notary Public

SURVEYOR'S CERTIFICATION

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

[Signature]
A. Dwain Weaver
P.L.S. No. 6544



Bohannon-Huston, Inc.
Courtney I.
7500 Jefferson N.E.
Albuquerque, NM 87109

State of New Mexico)
County of Bernalillo)

The foregoing instrument was acknowledged before me this 9 day of Sept, 1986, by A. Dwain Weaver.

My commission Expires: 4-12-87

[Signature]
Notary Public

CENTERLINE MONUMENTATION

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."

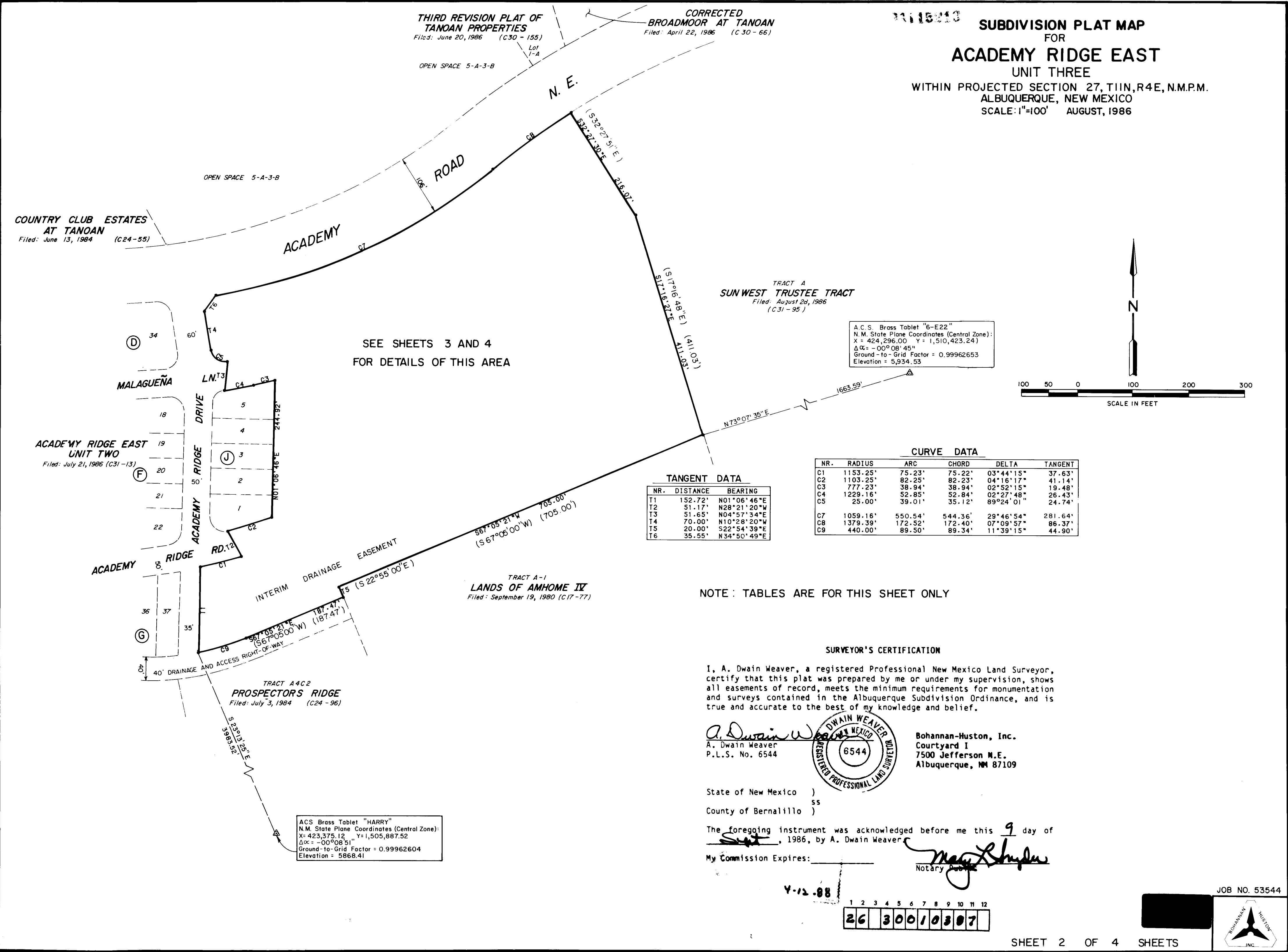
JOB NO. 53544

26 30010287

SHEET 1 OF 4 SHEETS

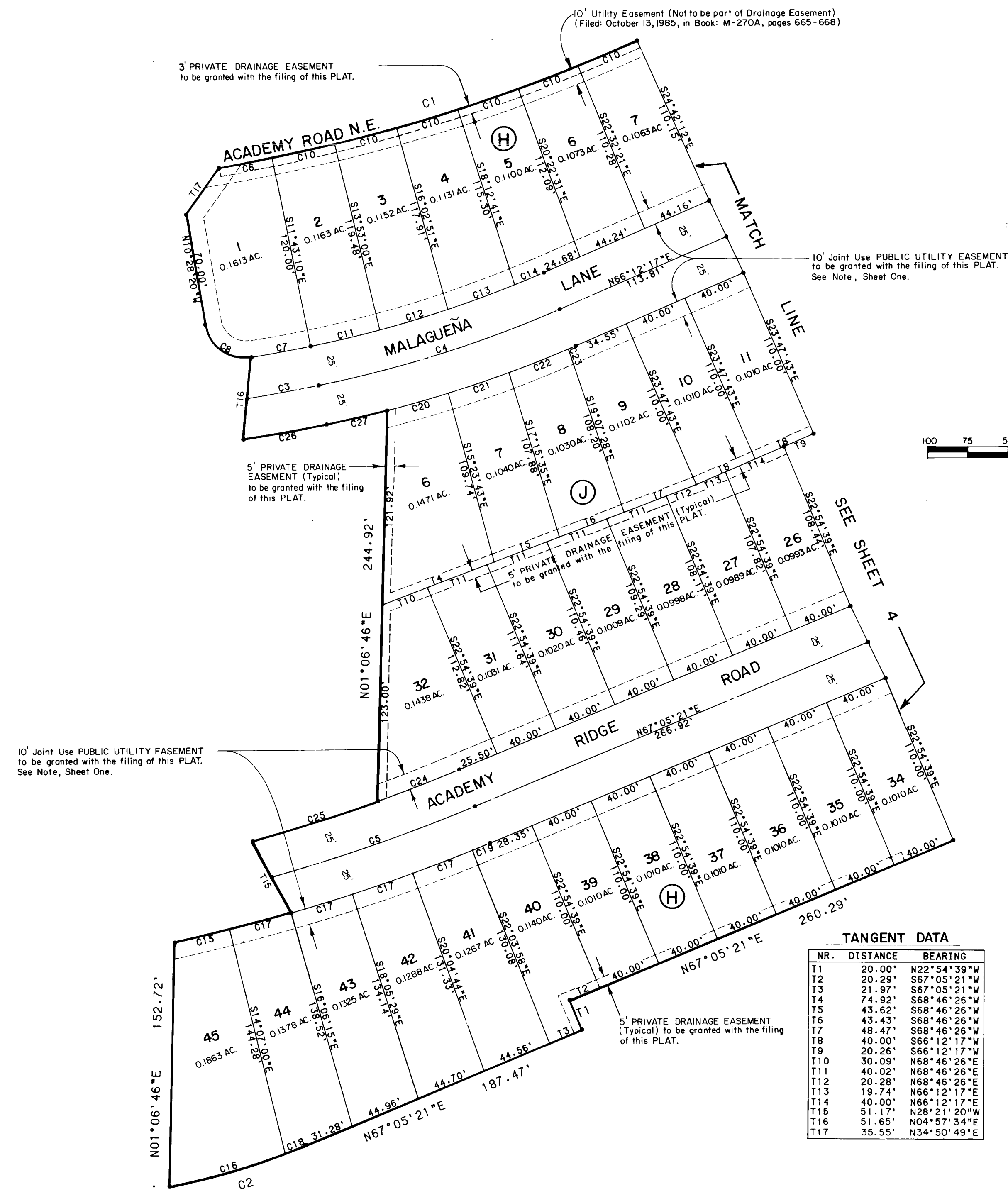
C32-39

PROJECT NO. 3001 SHEET 2 OF 13



**SUBDIVISION PLAT MAP
FOR
ACADEMY RIDGE EAST
UNIT THREE**

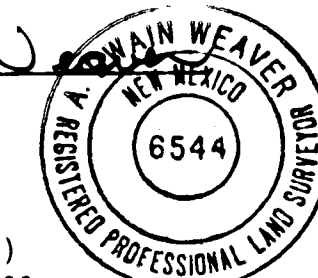
WITHIN PROJECTED SECTION 27, T11N, R4E, N.M.P.M.
ALBUQUERQUE, NEW MEXICO
SCALE: 1"=50' AUGUST, 1986



SURVEYOR'S CERTIFICATION

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

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



Bohannon-Huston, Inc.
Courtyard I
7500 Jefferson N.E.
Albuquerque, NM 87109

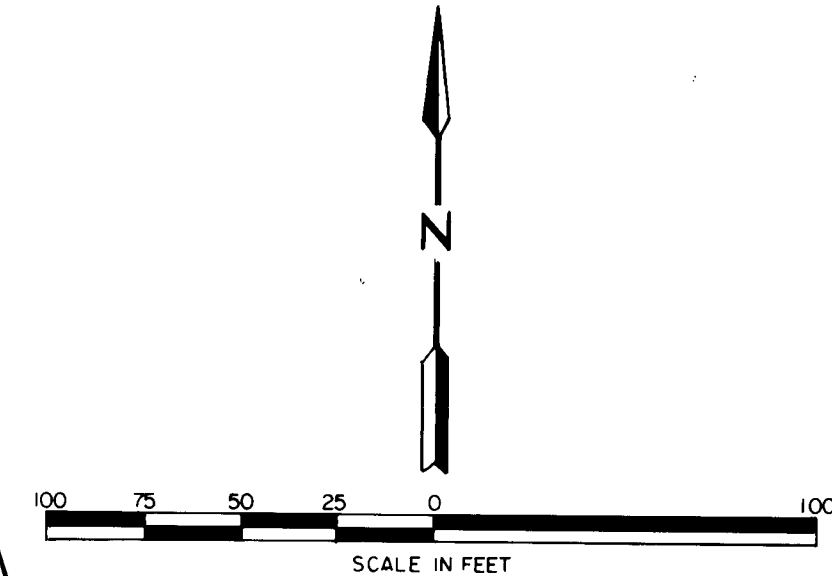
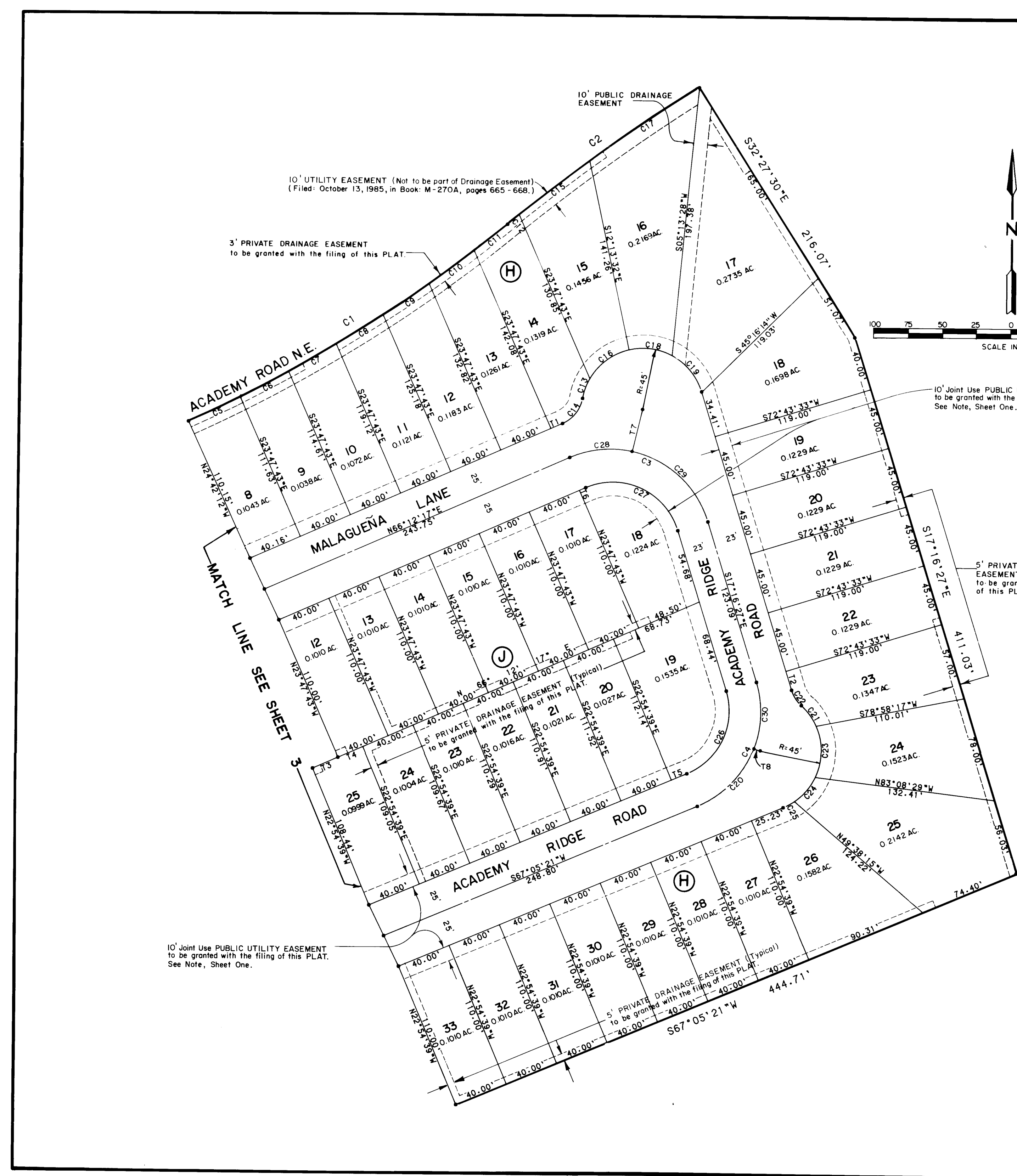
State of New Mexico)
County of Bernalillo) ss

The foregoing instrument was acknowledged before me this 9 day of Sept, 1986, by A. Dwain Weaver. May L. Snyder

My Commission Expires: _____

CURVE DATA					
NR.	RADIUS	ARC	CHORD	DELTA	TANGENT
C1	1059.16	274.871	274.101	1:54°52'10"	138.211
C2	440.00	89.50	89.34	1:13°19'15"	44.90
C3	452.161	98.56	98.39	1:15°02'15"	22.62
C4	752.23	158.564	158.25	1:20°04'33"	73.71
C5	1128.25	344.46	343.38	0:58°49'22"	67.37
C6	1305.161	380.01	380.01	0:58°49'22"	67.37
C7	1179.16	38.01	38.01	1:01°50'49"	19.01
C8	25.00	39.01	35.17	89°24'01"	14.74
C9	25.00	35.01	35.01	0:00°00'00"	25.00
C10	1059.16	40.00	40.00	0:29°00'50"	20.00
C11	727.23	44.53	44.53	0:30°30'31"	22.27
C12	727.23	44.53	44.53	0:30°30'31"	22.27
C13	727.23	44.49	44.48	0:30°30'18"	22.25
C14	727.23	19.74	19.74	1:01°33'18"	9.87
C15	25.00	35.25	35.25	1:01°45'00"	14.74
C16	440.00	75.48	75.39	0:49°44'44"	37.83
C17	1153.25	40.00	40.00	0:15°39'15"	14.00
C18	140.00	12.00	12.00	0:46°51'15"	6.00
C19	1153.25	12.00	12.00	0:03°56'48"	6.00
C20	777.23	39.89	39.89	0:25°56'28"	19.95
C21	777.23	39.97	39.97	0:25°56'47"	19.97
C22	777.23	39.84	39.83	0:25°56'39"	19.97
C23	777.23	5.06	5.06	0:22°22'29"	2.53
C24	777.23	54.06	54.06	0:55°22'29"	27.53
C25	1103.25	82.25	82.23	0:14°16'17"	41.14
C26	1229.25	82.85	82.84	0:27°48'48"	26.43
C27	777.23	38.84	38.84	0:32°15'15"	19.95

6544 SUBDIVISION PLAT MAP
FOR
ACADEMY RIDGE EAST
UNIT THREE
WITHIN PROJECTED SECTION 27, T11N, R4E, N.M.P.M.
ALBUQUERQUE, NEW MEXICO
SCALE: 1"=50' AUGUST, 1986



SURVEYOR'S CERTIFICATION
I, A. Dwain Weaver, a registered Professional New Mexico Land Surveyor, certify that this plat was prepared by me or under my supervision, shows all easements of record, meets the minimum requirements for monumentation and surveys contained in the Albuquerque Subdivision Ordinance, and is true and accurate to the best of my knowledge and belief.
A. Dwain Weaver
A. Dwain Weaver
P.L.S. No. 6544
Bohannon-Huston, Inc.
Court yard I
7500 Jefferson N.E.
Albuquerque, NM 87109

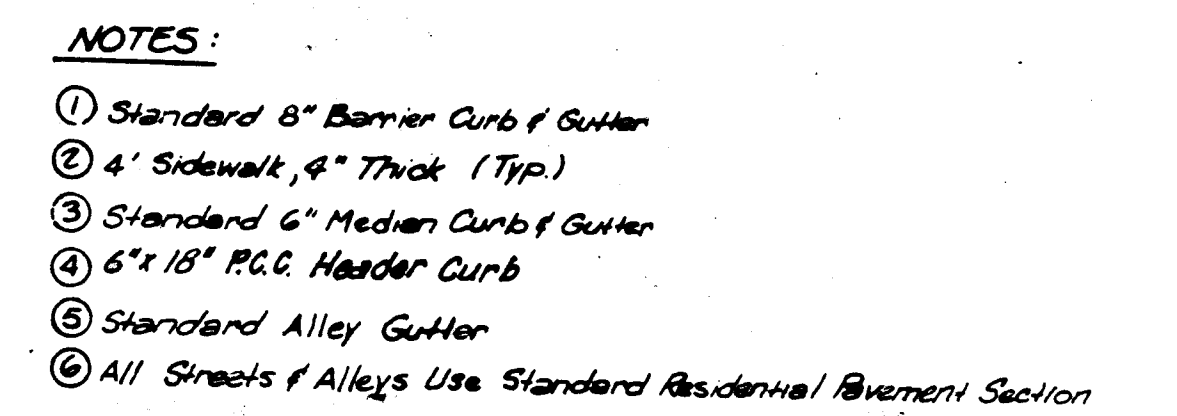
State of New Mexico)
County of Bernalillo)
The foregoing instrument was acknowledged before me this 9 day of Sept, 1986, by A. Dwain Weaver.
Commission Expires: 4-12-88
Notary Public

TANGENT DATA

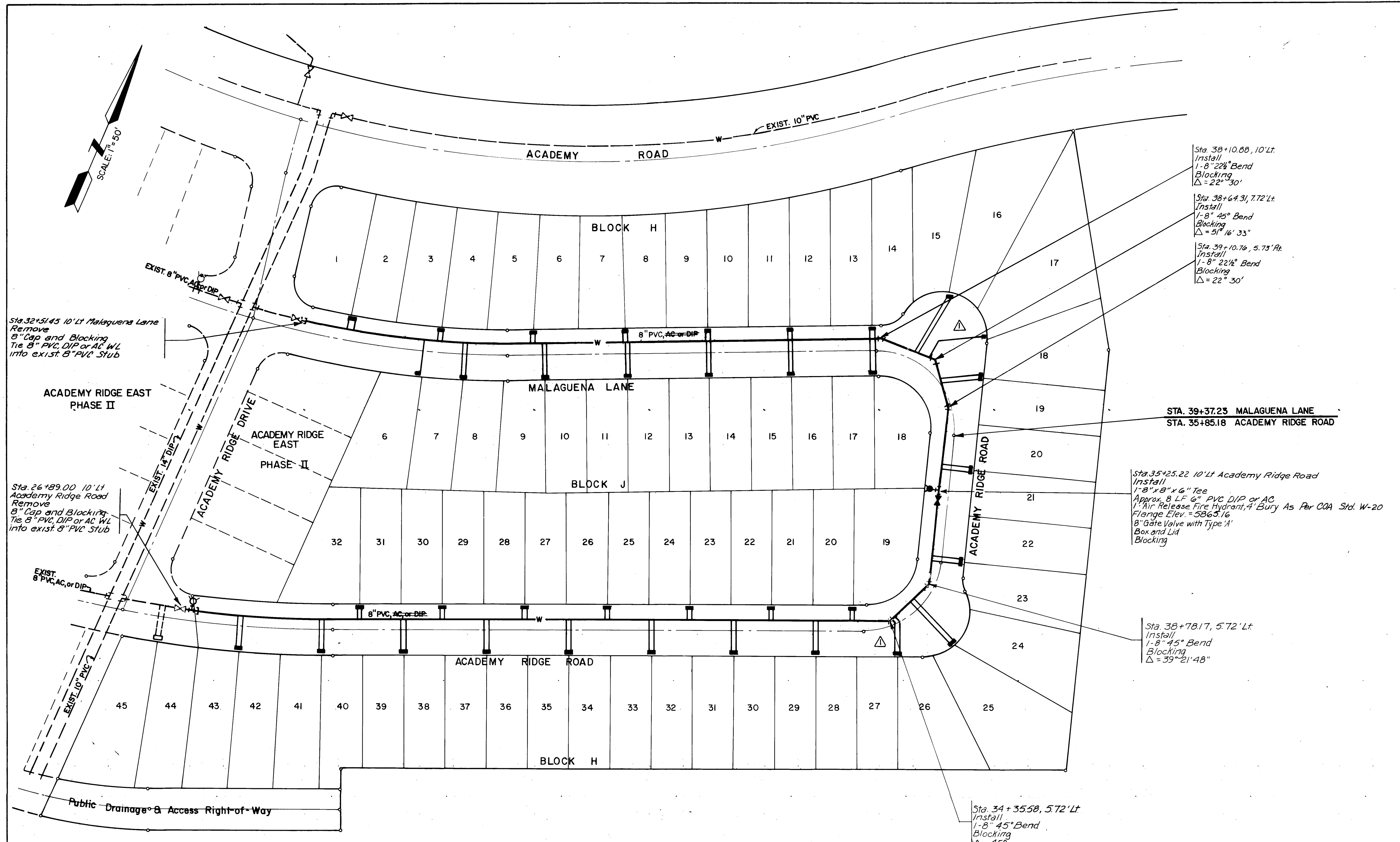
NR.	DISTANCE	BEARING
T1	9.31'	S66°12'17"W
T2	14.46'	N17°16'27"W
T3	20.26'	N66°12'17"E
T4	19.75'	N66°12'17"E
T5	12.24'	S67°05'21"W
T6	5.03'	N66°12'17"E
T7	31.82'	N12°28'18"W
T8	4.83'	S69°21'34"E

CURVE DATA

NR.	RADIUS	ARC	CHORD	DELTA	TANGENT
C1	1059.16'	275.67'	274.89'	14°54'44"	138.62'
C2	1379.39'	172.52'	172.40'	07°09'57"	86.37'
C3	75.00'	126.35'	111.93'	96°31'16"	84.06'
C4	75.00'	110.43'	100.72'	84°21'48"	67.96'
C5	1059.16'	41.93'	41.93'	02°16'06"	20.97'
C6	1059.16'	40.11'	40.11'	02°10'12"	20.06'
C7	1059.16'	40.26'	40.25'	02°10'40"	20.13'
C8	1059.16'	40.46'	40.46'	02°11'19"	20.23'
C9	1059.16'	40.73'	40.72'	02°12'11"	20.37'
C10	1059.16'	41.06'	41.06'	02°13'16"	20.53'
C11	1059.16'	31.12'	31.12'	01°41'00"	15.56'
C12	1379.39'	15.00'	15.00'	00°27'25"	5.50'
C13	45.00'	15.41'	15.33'	19°36'58"	7.78'
C14	25.00'	24.55'	23.58'	56°15'58"	13.37'
C15	1379.39'	65.01'	65.01'	02°42'02"	32.51'
C16	45.00'	35.71'	35.70'	46°44'10"	19.44'
C17	1379.39'	96.50'	96.48'	04°00'30"	48.27'
C18	45.00'	32.62'	31.91'	41°32'20"	17.07'
C19	45.00'	35.26'	34.37'	44°53'46"	18.59'
C20	75.00'	60.80'	59.15'	46°26'55"	32.18'
C21	45.00'	18.86'	18.72'	24°00'48"	9.57'
C22	45.00'	15.51'	15.35'	30°57'54"	6.92'
C23	45.00'	38.82'	37.63'	49°25'37"	20.71'
C24	45.00'	23.63'	23.36'	30°05'07"	12.09'
C25	45.00'	9.27'	9.25'	11°48'11"	4.65'
C26	50.00'	73.62'	67.15'	84°21'48"	45.31'
C27	50.00'	84.23'	74.62'	98°31'16"	56.04'
C28	75.00'	47.48'	46.69'	36°16'02"	24.56'
C29	75.00'	78.87'	75.29'	60°18'14"	43.52'
C30	75.00'	49.63'	48.73'	37°54'53"	25.76'



		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION			
TITLE:					
ACADEMY RIDGE EAST PHASE III STREET PAVING LAYOUT					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairperson	<i>[Signature]</i>	9/25/86	Parks & Rec. Dept.	<i>[Signature]</i>	9/25/86
Trans. Dev.	<i>[Signature]</i>	9/12/86	Water Dept.	<i>[Signature]</i>	"
Utility Dev.	N/A W/P	9/25/86	User Dept.	<i>[Signature]</i>	"
DRAWING NO.		MAP NO.		SHEET OF	
3001		E-22		6 13	



UTILITIES LEGEND					
—W—	PROPOSED WATERLINE				
---W---	EXISTING WATERLINE				
—V—	PROPOSED GATE VALVE				
---V---	EXISTING GATE VALVE				
—CAP—	CAP OR PLUG				
—FH—	PROPOSED FIRE HYDRANT				
---FH---	EXISTING FIRE HYDRANT				
—DS—	DOUBLE SERVICE CONNECTION				

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN		APPROVALS		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION		TITLE: ACADEMY RIDGE EAST PHASE III WATER DISTRIBUTION PLAN	
CONTRACTOR	DATE	ACS BRASS CAP	ELEV	LOCATION	DATE	BY	NO.	1/22/87	MOVED SINGLE SERVICE FROM LOT 27 TO LOT 17	REMARKS	BY	DESIGNED BY	DATE	DRAWN BY	DATE	CHECKED BY	DATE
WORK BY	DATE	IS 12 MILES EAST OF THE INTERSECTION OF															
INSPECTED BY	DATE	ACADEMY ROAD NE. & EUBANK BLVD. NE. STATION															
FIELD	DATE	IS THEN 375' SOUTH ON THE SOUTH RIM OF															
DRAWINGS	DATE	THE BEAR CANYON TRIBUTARY.															
CONDUCTED BY	DATE																
RECORDED BY	DATE																
NO.																	

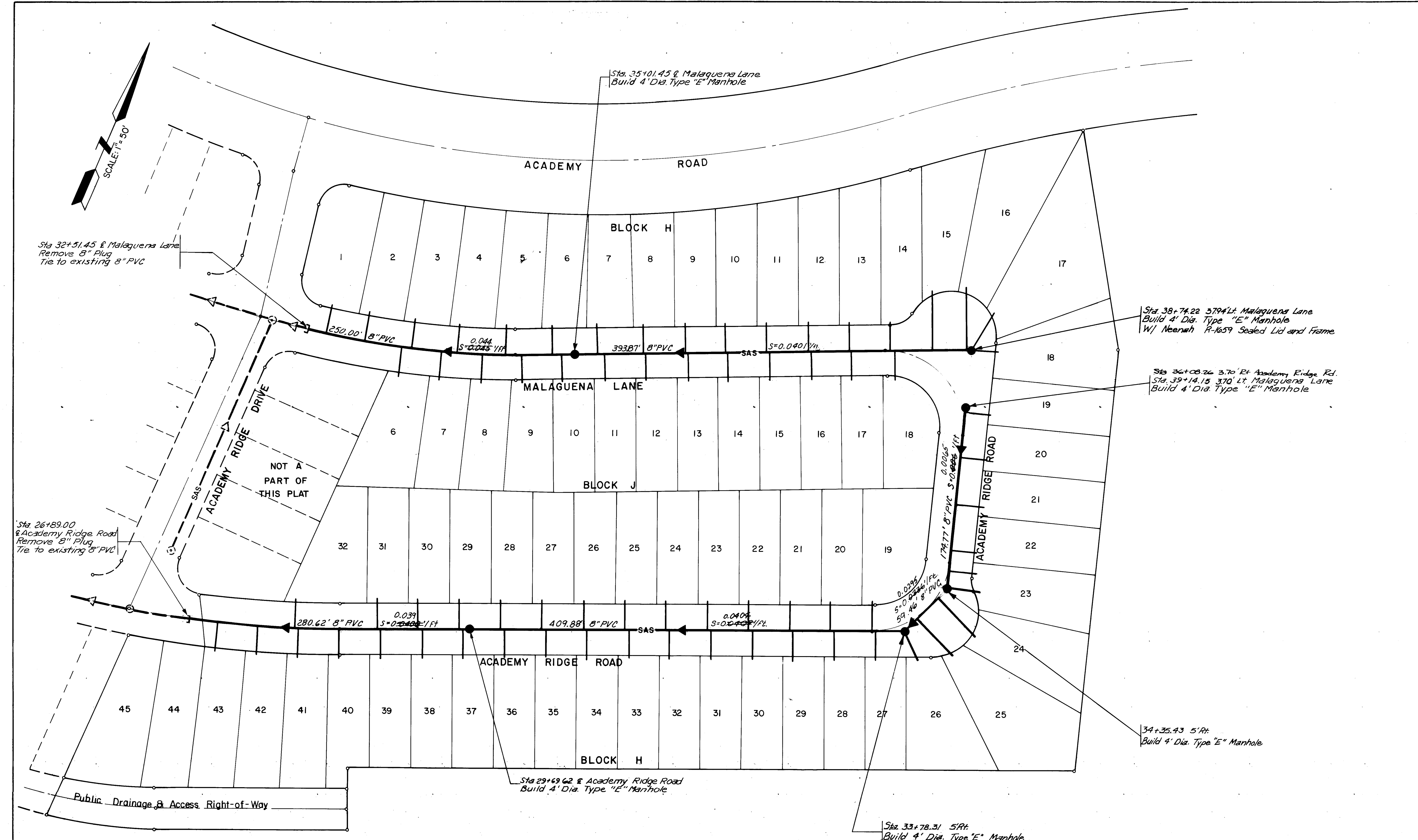
26 30010787

RECORD DRAWING

STEPHEN F. FOWLER
2758
REGISTERED PROFESSIONAL ENGINEER

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairperson	7/25/87	7/25/87	Parks & Rec. Dept.	7/25/87	7/25/87
Trans. Dev.	NADWH	9/12/87	Use of Property	9/12/87	9/12/87
Utility Dev.	9/23/86	9/23/86	User Dept.		

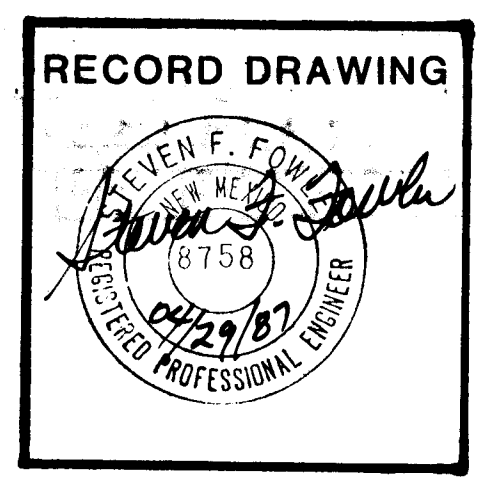
DRAWING NO.	3001	MAP NO.	E-22	SHEET	7	OF	13
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UTILITIES LEGEND

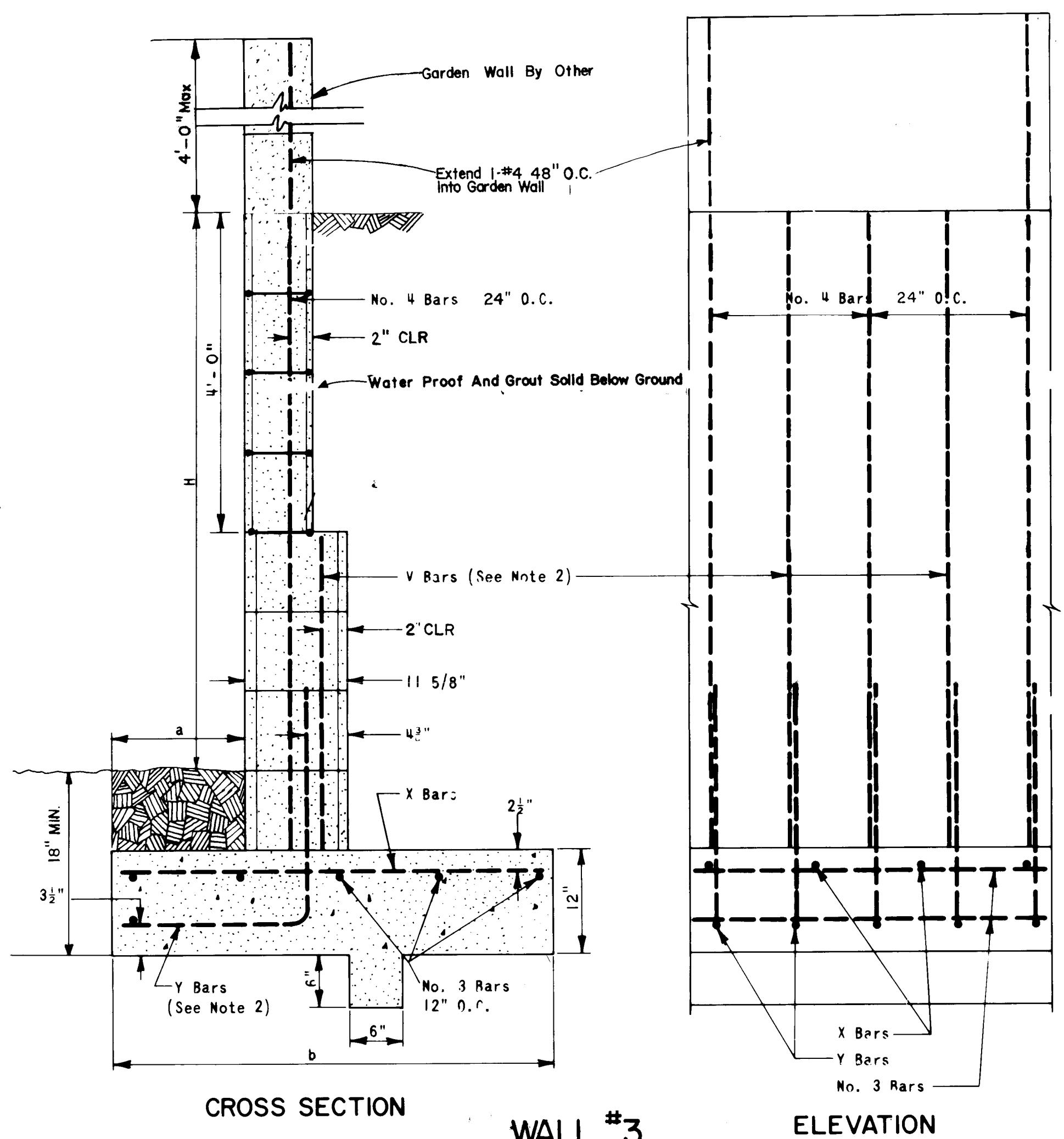
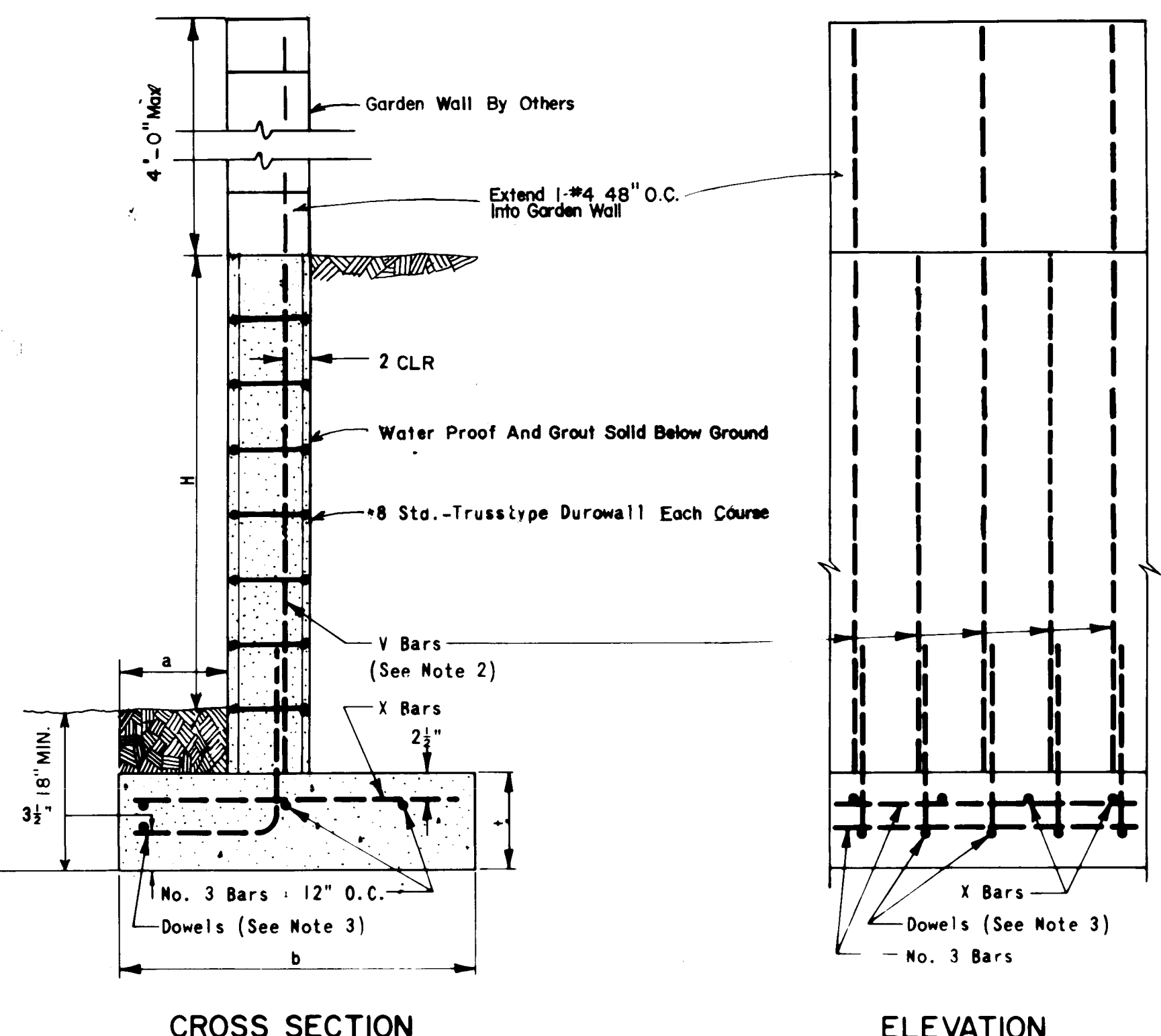
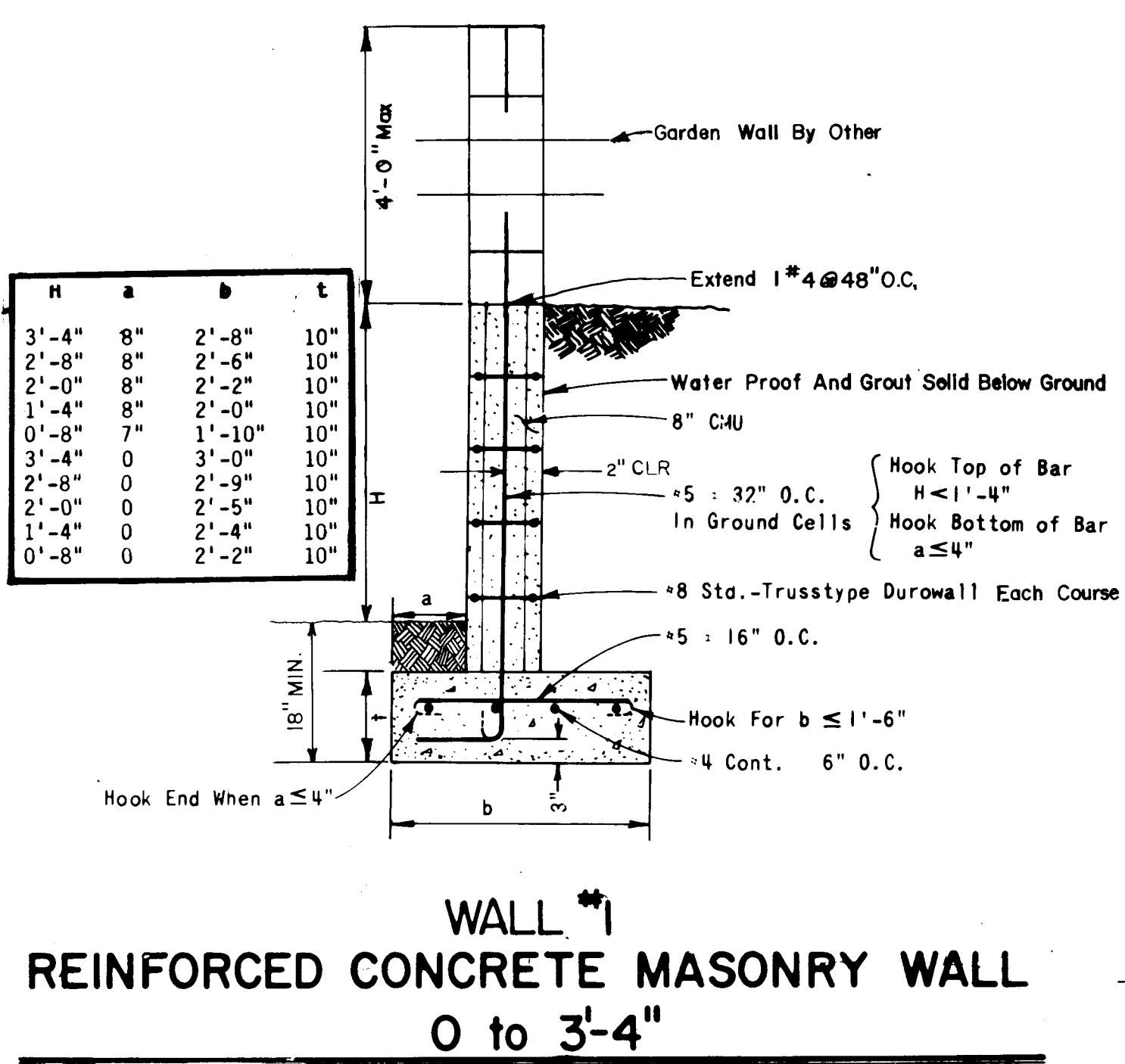
- ← SAS — PROPOSED SEWER MAIN WITH FLOW DIRECTION
- ◁ SAS — EXISTING SEWER MAIN WITH FLOW DIRECTION
- — PROPOSED SANITARY SEWER MANHOLE
- — EXISTING SANITARY SEWER MANHOLE
- CAP OR PLUG

1 2 3 4 5 6 7 8 9 10 11 12
26 30010887



CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION			
TITLE: ACADEMY RIDGE EAST PHASE III SANITARY SEWER LAYOUT			
APPROVALS	ENGINEER	DATE	APPROVALS
D.R.C. Chairperson	<i>[Signature]</i>	7/25/87	Parks & Rec. Dept.
Trans. Dev.	NADWH	7/12/87	User Dept.
Utility Dev.	<i>[Signature]</i>	9/23/87	User Dept.
DRAWING NO. 3001		MAP NO. E-22	SHEET 8 OF 13

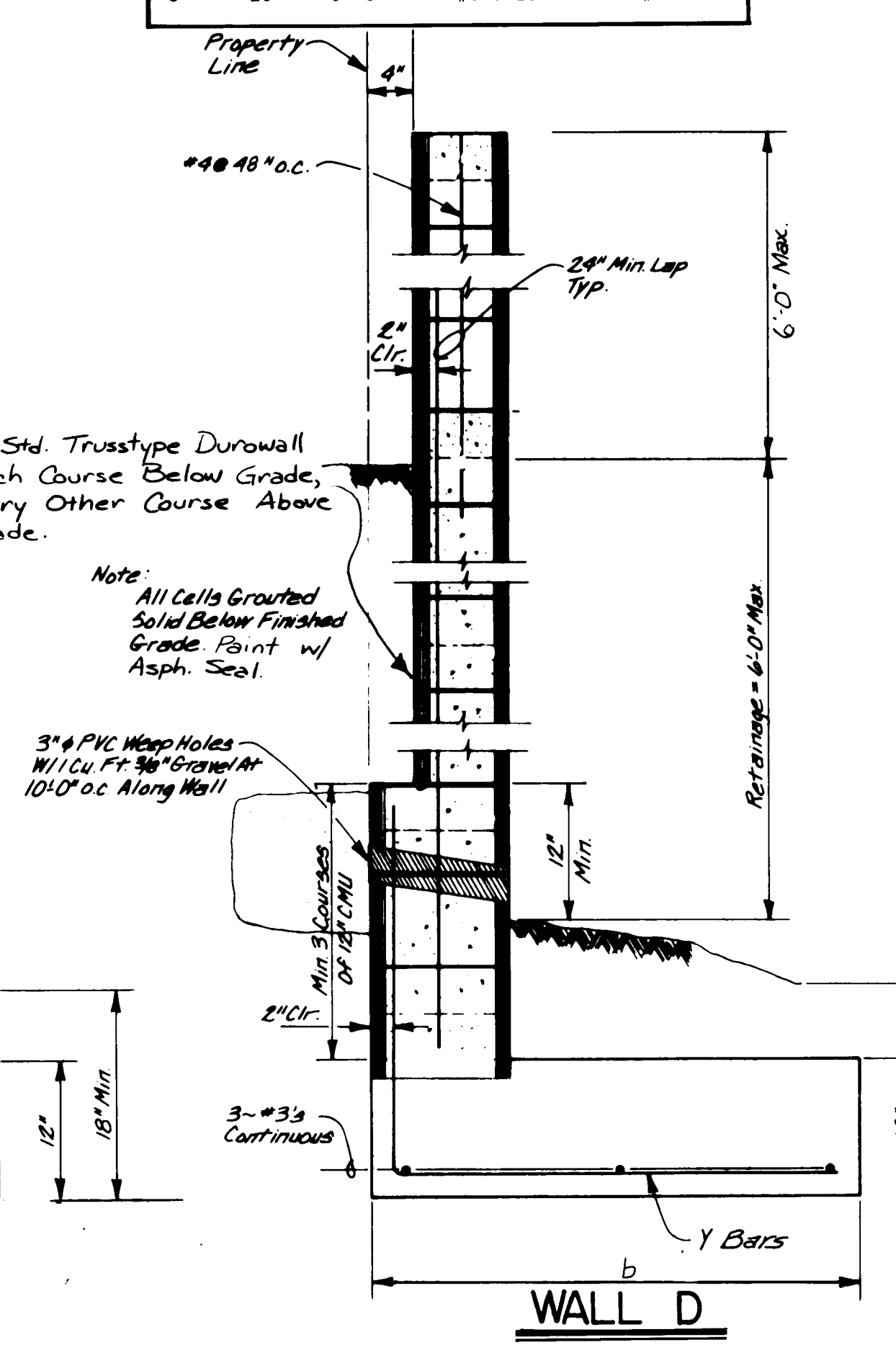
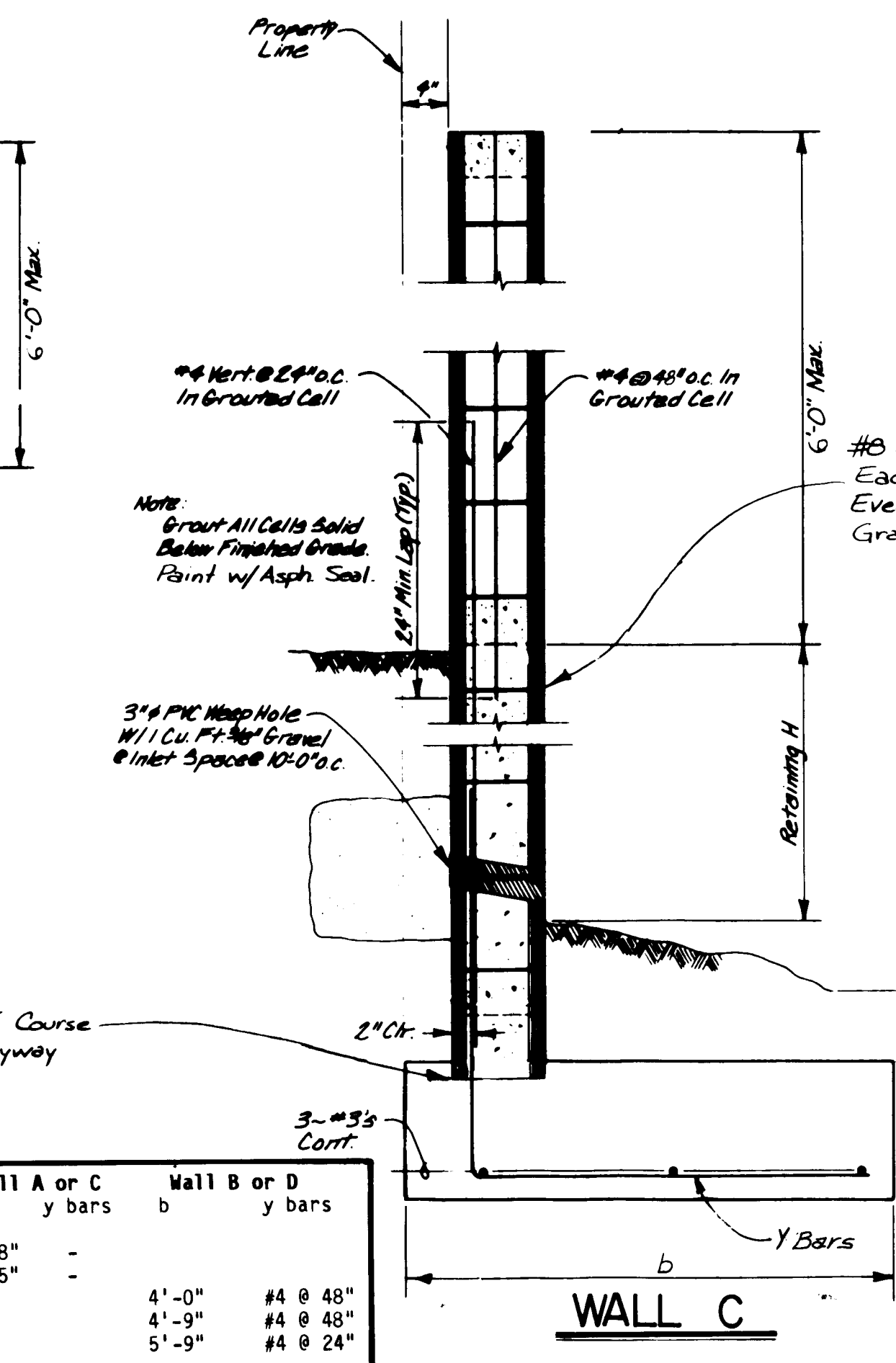
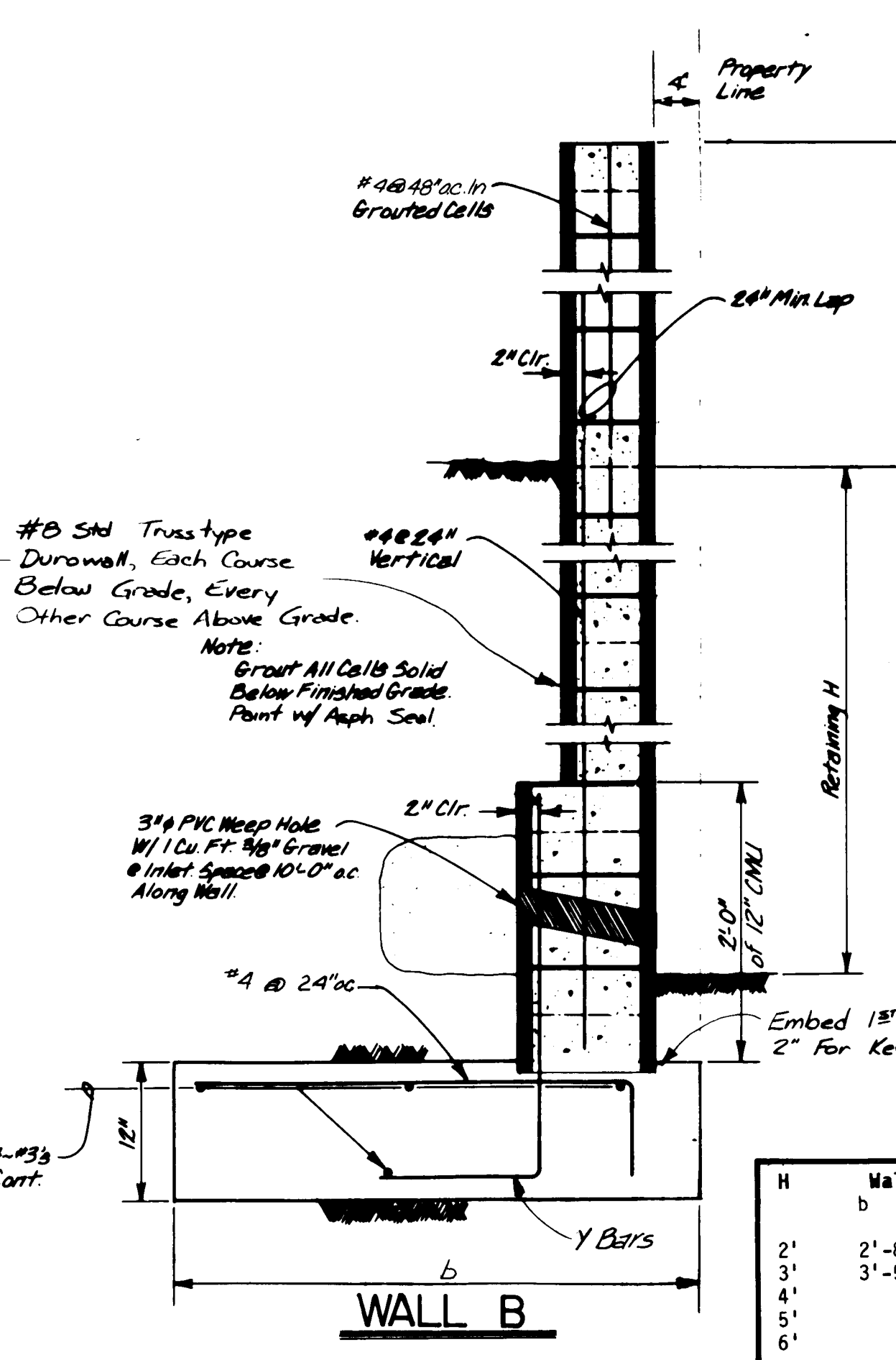
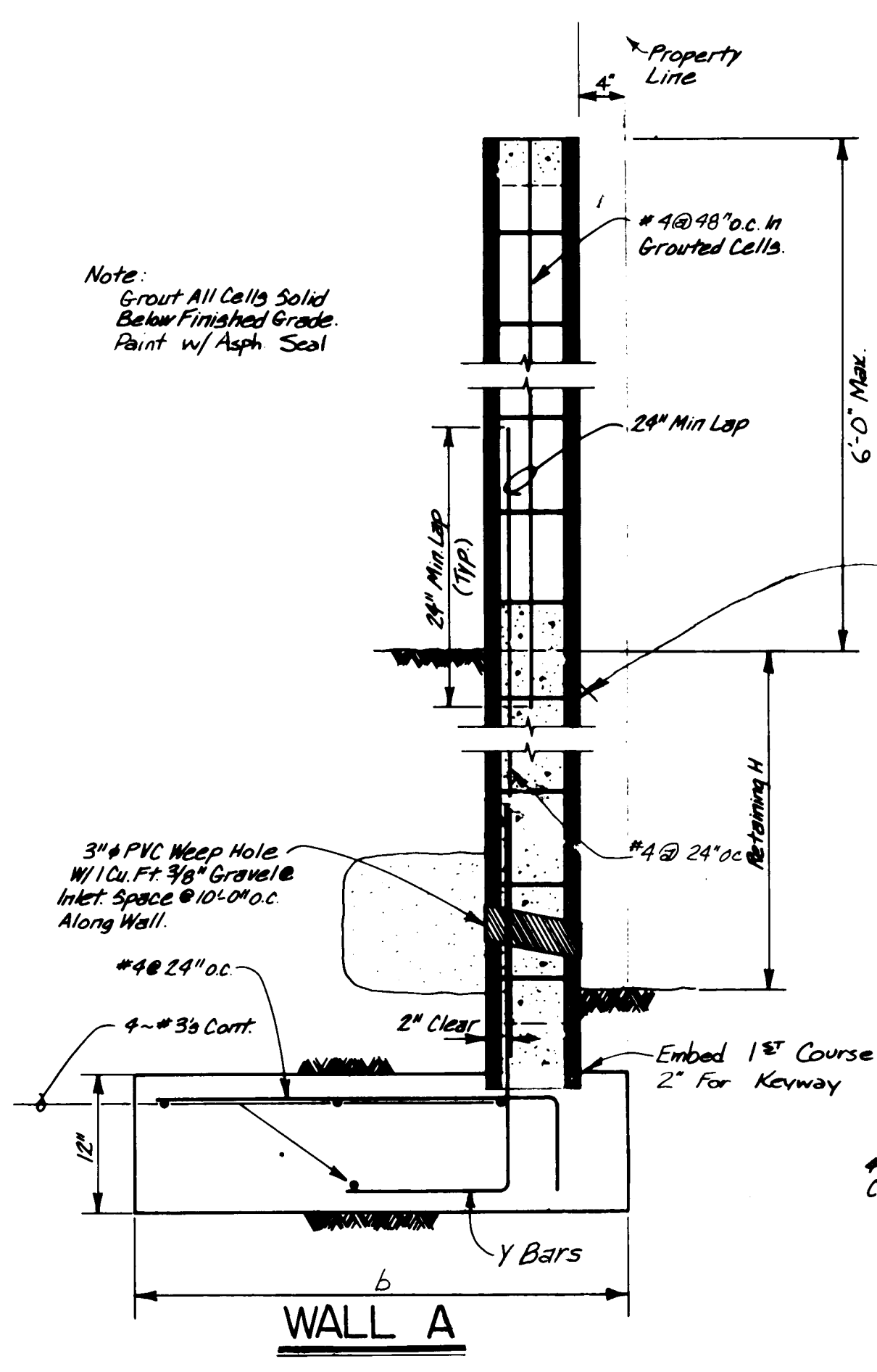
								ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
										FIELD NOTES		ACQ. BRASS CAP "6-E-22" ELEV. 934.53		CONTRACTOR MCE INC.	
										NO. BY DATE		IS 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD NE. & EUBANK BLVD. NE. STATION		STARTED BY DMM DATE 7-27	
												IS THEN 375' SOUTH ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY.		INSPECTOR'S ACCEPTANCE BY DATE	
														VERIFICATION BY DMM DATE 7-27	
														DRAWINGS SUBMITTED BY DMM DATE 7-27	
														MICRO-FILM INFORMATION	
														RECORDED BY DATE	
														NO	



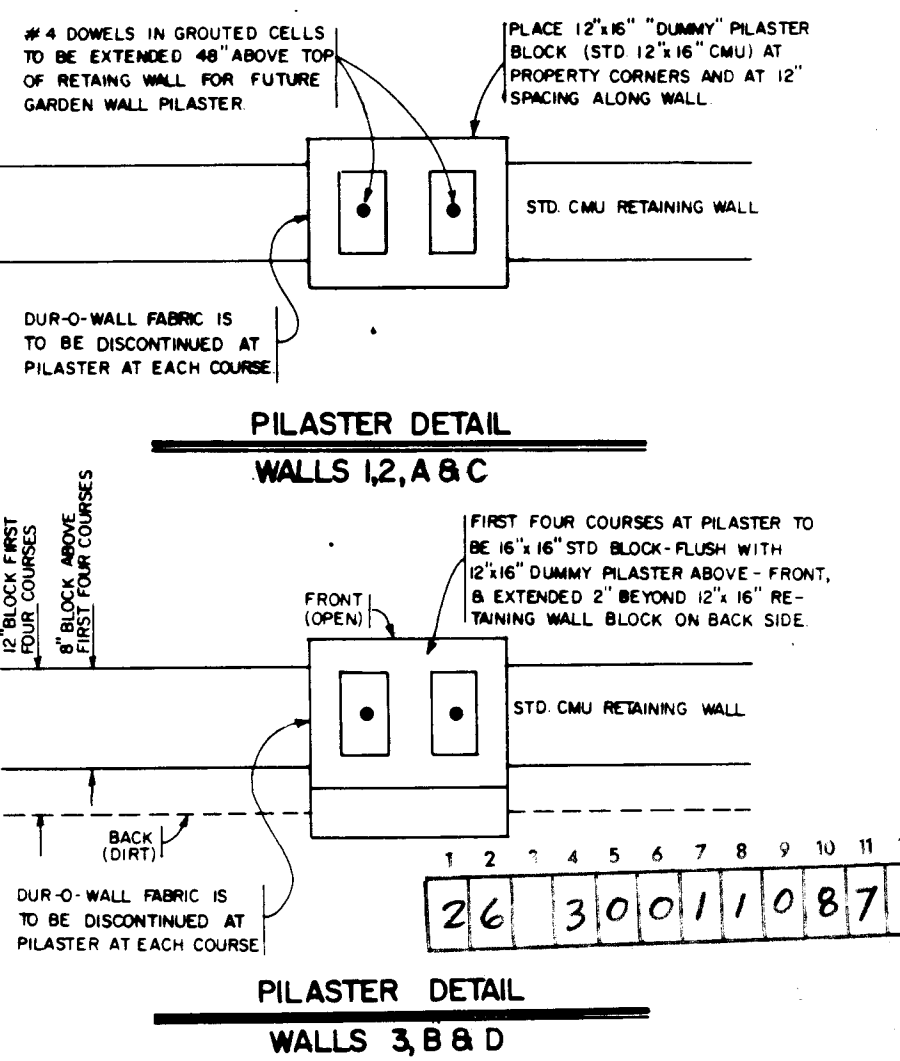
- GENERAL NOTES
- Retaining wall footings shall be placed on a minimum of 2'-0" of engineered fill extending a minimum of 2'-0" from the edge of the footing and compacted to a minimum of 95% optimum density (ASTM D-1557). Backfill shall be free draining material and shall be placed in 8" loose lifts and compacted to 90% optimum density (ASTM D-1557) with light vibratory compacting equipment.
 - Retaining wall shall not be back-filled until at least 7 days after placing of final grout level. Where heavy equipment is used in back-filling walls designed to resist earth pressure only, such equipment should not approach closer to the top of the wall than a distance equal to the height of the wall. Care should be taken to avoid exerting large impact forces on the wall as could be caused by a large mass of moving earth. All walls are designed for level backfill only. Slopes up away from walls should not exceed 10:1.
 - Vertical control joints with PVC inserts shall be placed at intervals not to exceed 30'-0" on center. Plasters may be substituted for control joints when placed at 12'-0" intervals. Discontinue durawall each side of plasters.
 - Minimum lap splice on reinforcing bars shall be 30 bar diameters or 1'-6" minimum. Reinforcement of a size and spacing other than that given in the tables may be used providing such other reinforcement furnishes an area of steel area at least equal to that given in the table.
 - Construction of retaining walls shall conform to requirements of the Uniform Building Code Section 24, Torsion of walls.
 - Omission of a vertical mortar joint on first course at 48" O.C. may be substituted for PVC weep holes. White slump block with a minimum compressive strength of 1500 psi may be substituted for standard CMU Grade N.
 - DESIGN DATA
Block Weight 12" = 130 psf.
Block Weight 8" = 85 psf.
Soil Weight = 130 pcf.
Equiv. Fluid Pressure = 43 pcf.
Soil Bearing Pressure = 1500 psf.
(1/3 Increase for Wind/Self-stress)
Coefficient of Friction = 0.4
Passive Soil Pressure = 390 pcf.
Concrete f'c (28 days) = 3000 psi
Grout Strength = 2000 psi
CMU Grade N = 1500 psi (Grouted)
Reinforcement = 60 psi ASTM A-615.

AS-BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION			
CONTRACTOR	DATE	INSPECTOR	DATE	STAKED BY	DATE	FIELD VERIFICATION BY	DATE	NO.	BY	DATE	NO.
MICRO-FILM INFORMATION											
RECORDED BY	DATE	NO.									

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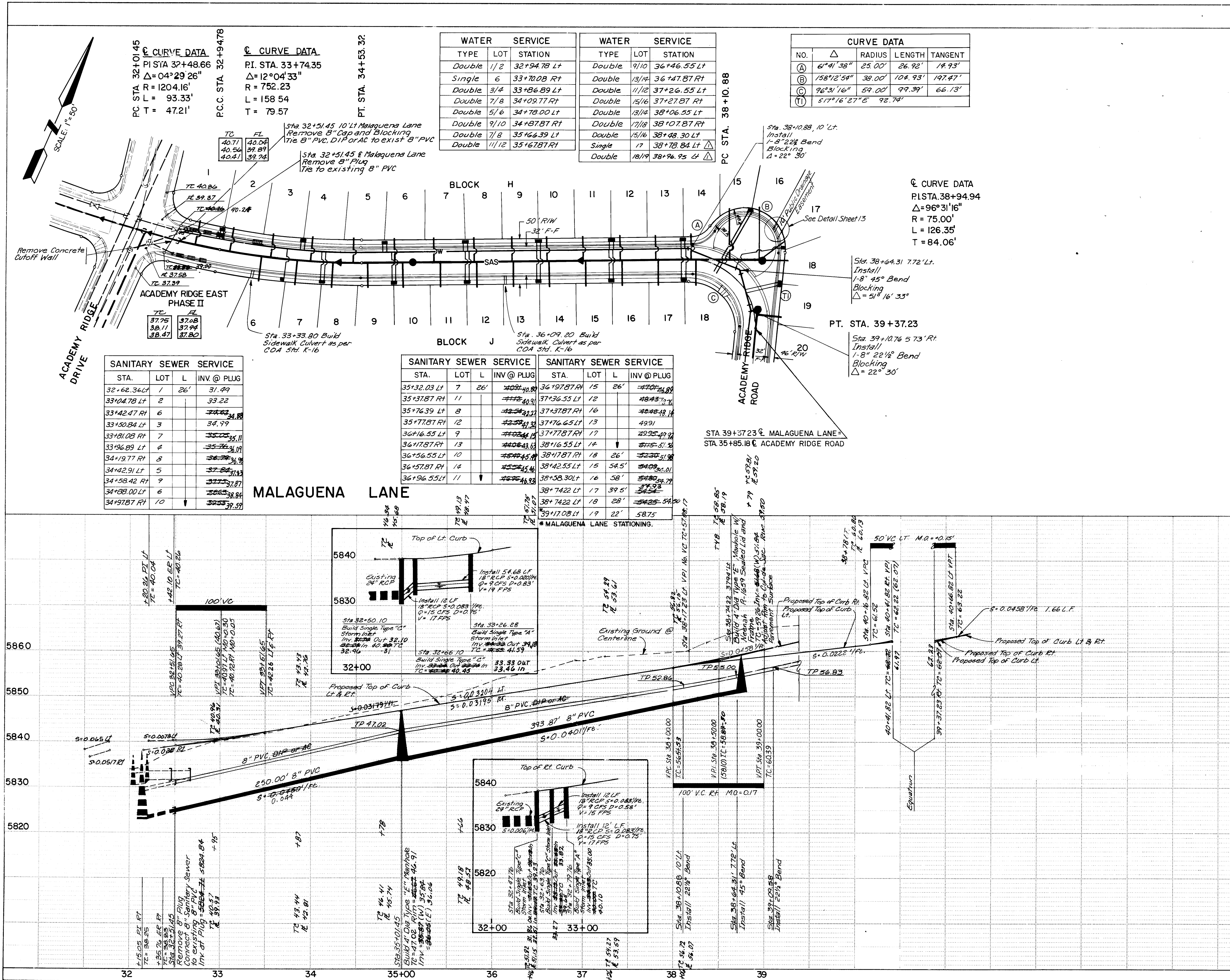


THIS SHEET FOR INFORMATION ONLY. A SEPARATE BUILDING PERMIT IS REQUIRED FOR RETAINING WALL CONSTRUCTION.



CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: ACADEMY RIDGE EAST PHASE III RETAINING WALL DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairperson	Handwritten	9/25/96	Parks & Rec. Dept.	Handwritten	9/25/96
Trans. Dev.	N.A.D.W.H.	9/11/96	Public Works	Handwritten	"
Utility Dev.	N/A	9/23/96	User Dept.		
DRAWING NO.	3001	MAP NO.	E-22	SHEET	10 OF 13

ENGINEER'S SEAL		REVISIONS		DESIGNED BY		CHECKED BY	
NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE



RECORD DRAWING

NOTE:
ALL RCP SHALL BE CLASS III UNLESS OTHERWISE SPECIFIED.

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

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

APPROVALS

ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairperson	9/25/86	Parks & Rec. Dept.	9/25/86	9/25/86
Trans. Dev.	9/25/86	Police Dept.	9/25/86	9/25/86
Utility Dev.	9/25/86	User Dept.	9/25/86	9/25/86

DRAWING NO. 3001

MAP NO. E-22

SHEET 11 OF 13

AS BUILT INFORMATION

NO.	DATE	BY	REMARKS
1	1/22/87	LOT 27 TO LOT 17	MOVED SINGLE WATER SERVICE FROM LOT 27 TO LOT 17

REVISIONS

NO.	DATE	DESIGNED BY	CHECKED BY
1	9/25/86	W. J. Bohannon	W. J. Bohannon

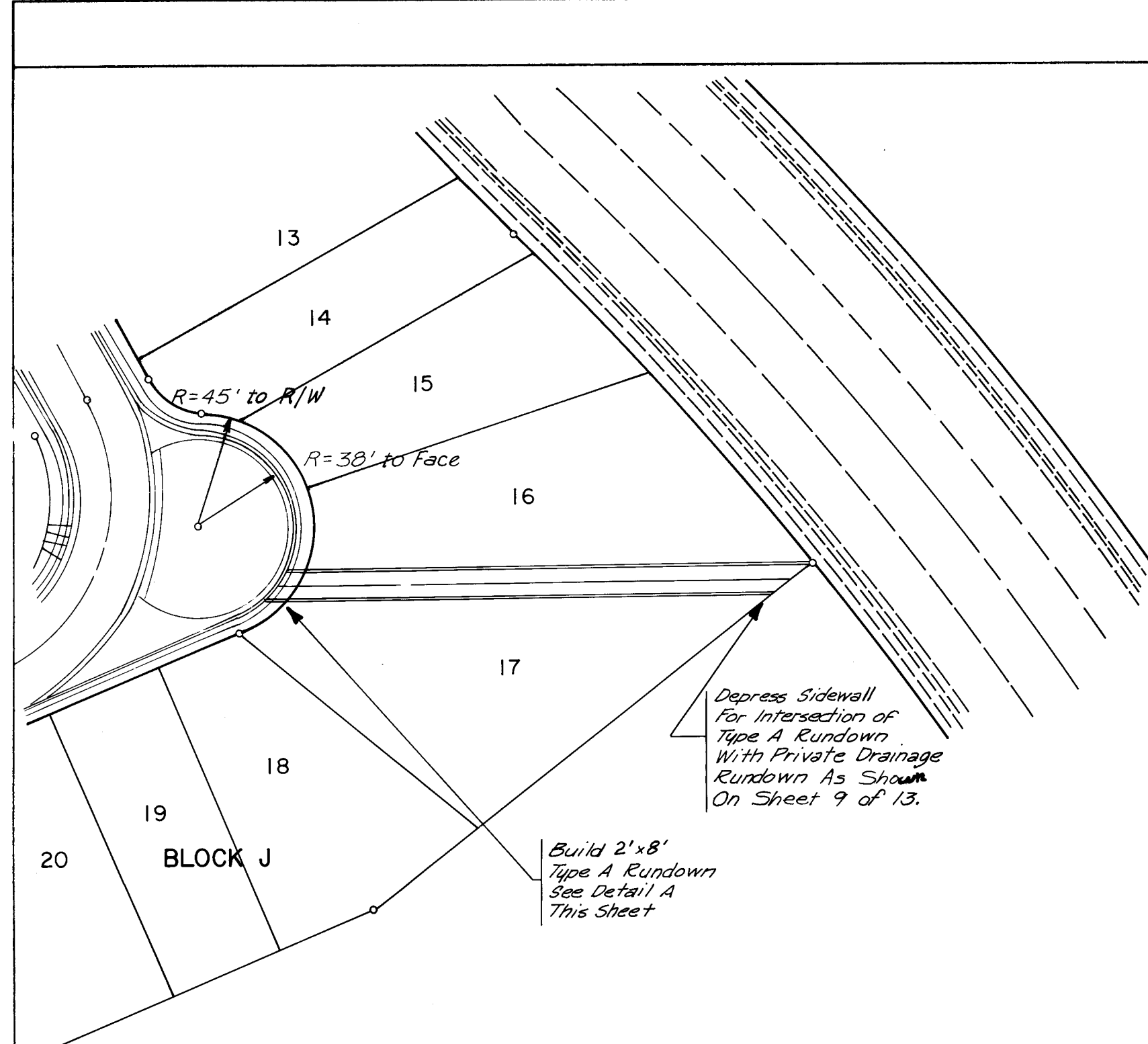
ENGINEER'S SEAL

AS BUILT INFORMATION

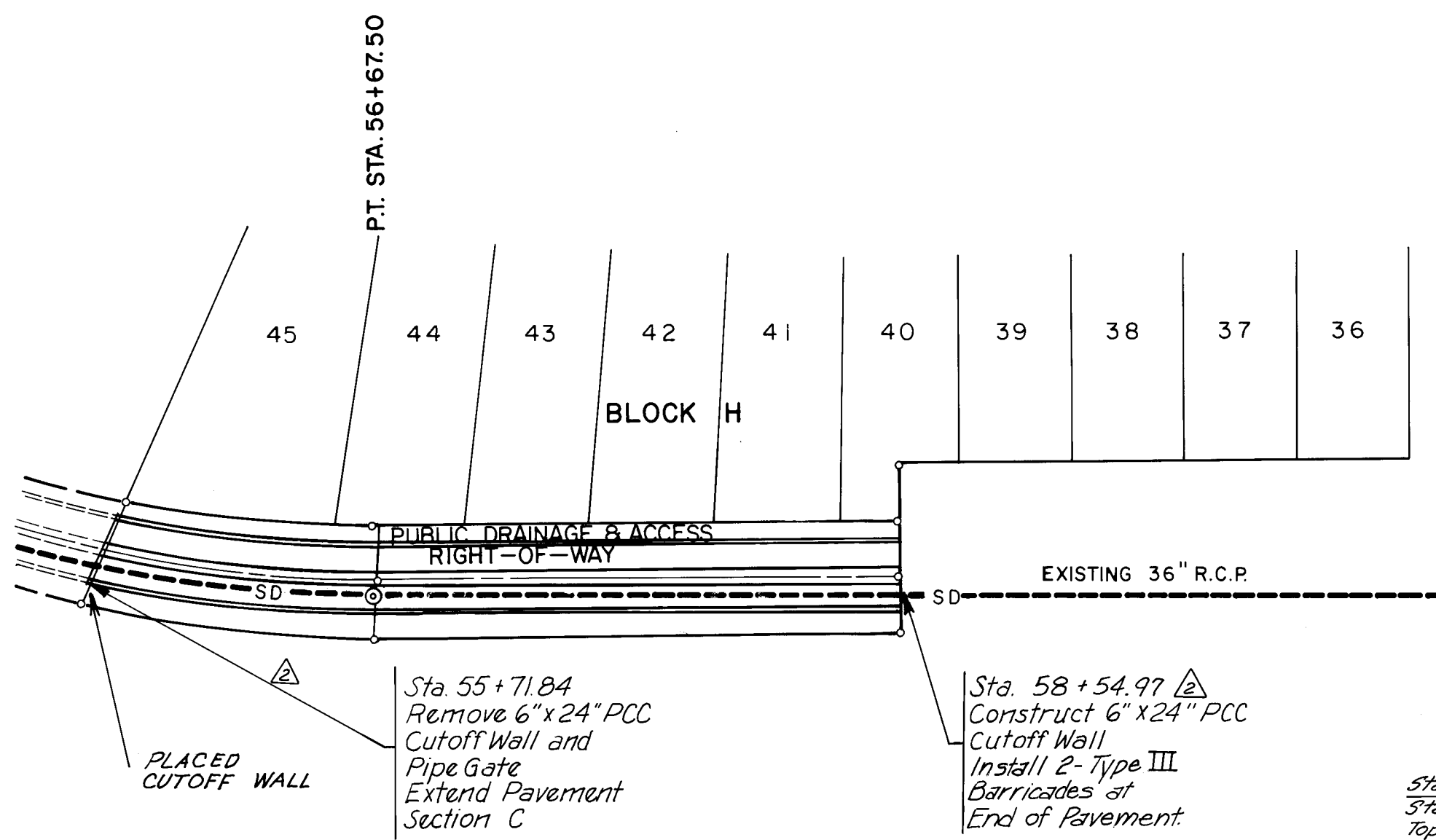
NO.	DATE	BY	REMARKS
1	1/22/87	LOT 27 TO LOT 17	MOVED SINGLE WATER SERVICE FROM LOT 27 TO LOT 17

AS BUILT INFORMATION

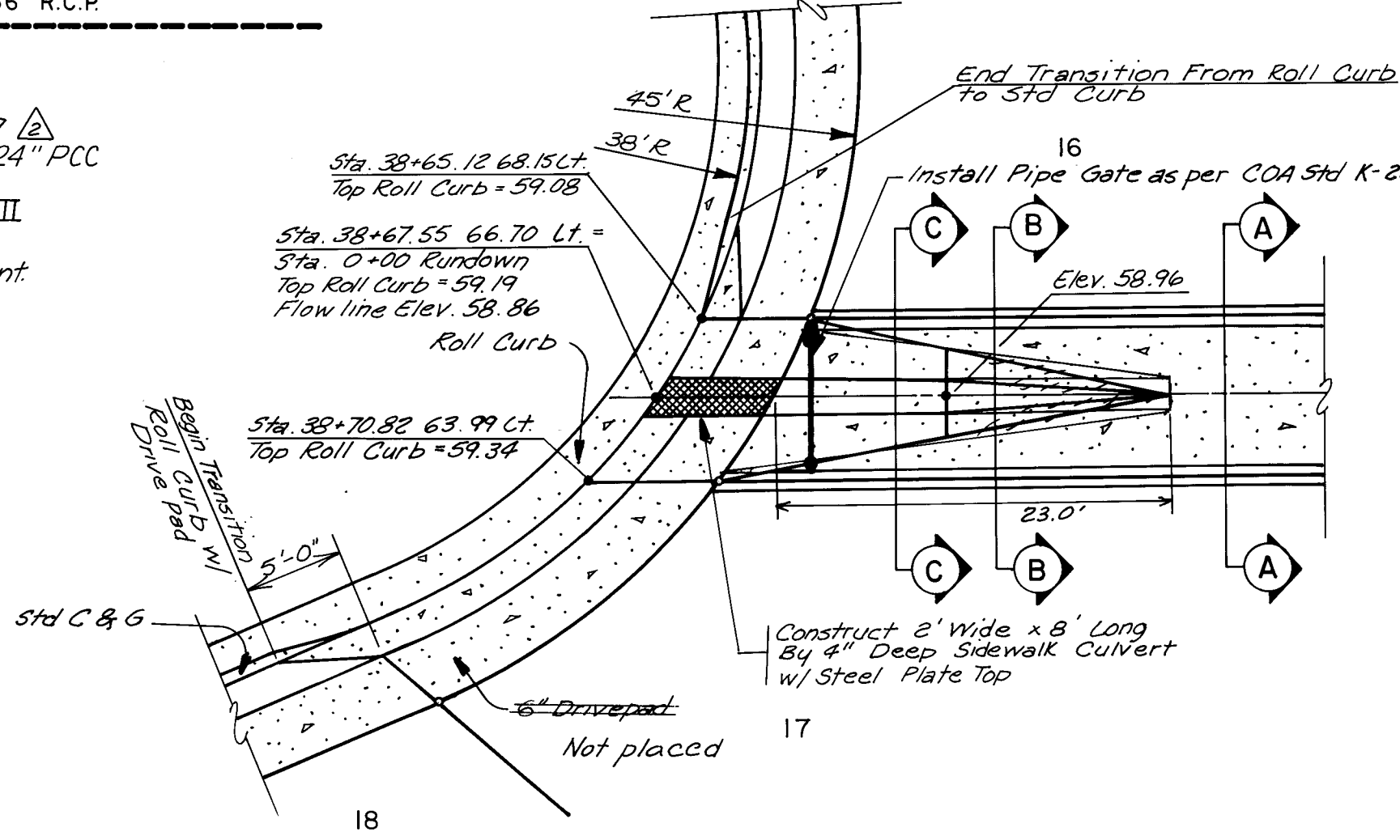
NO.	DATE	BY	REMARKS
1	1/22/87	LOT 27 TO LOT 17	MOVED SINGLE WATER SERVICE FROM LOT 27 TO LOT 17



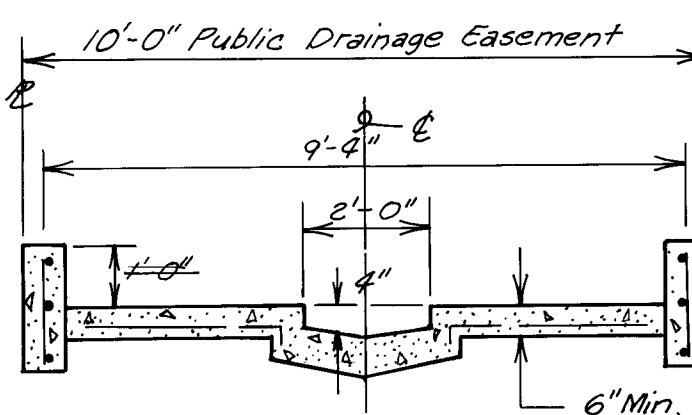
BLOCK J TYPE 'A' RUNDOWN



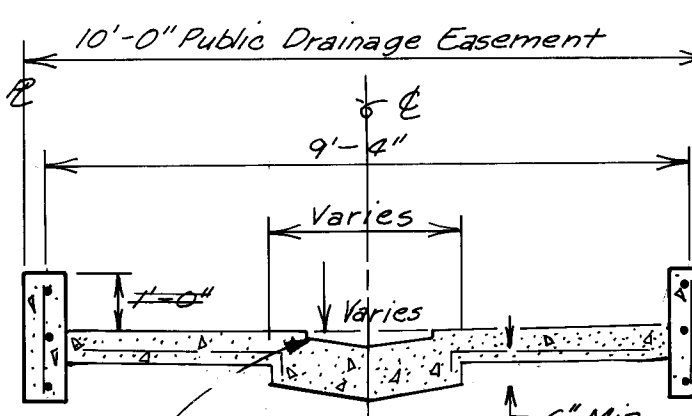
BEAR TRIBUTARY DRAINAGE R/W



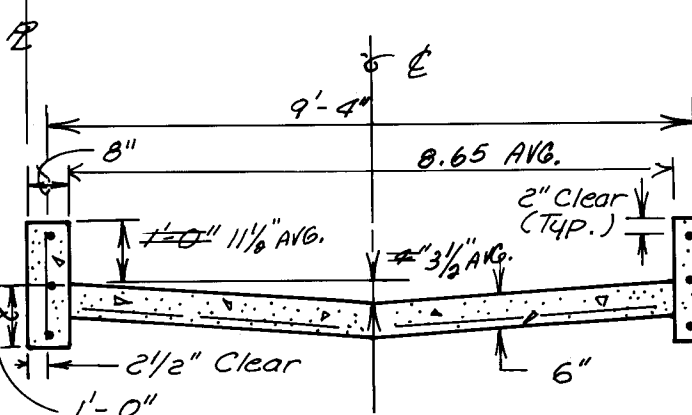
DETAIL A
INTERSECTION MALAGUENA LANE
AND TYPE 'A' RUNDOWN



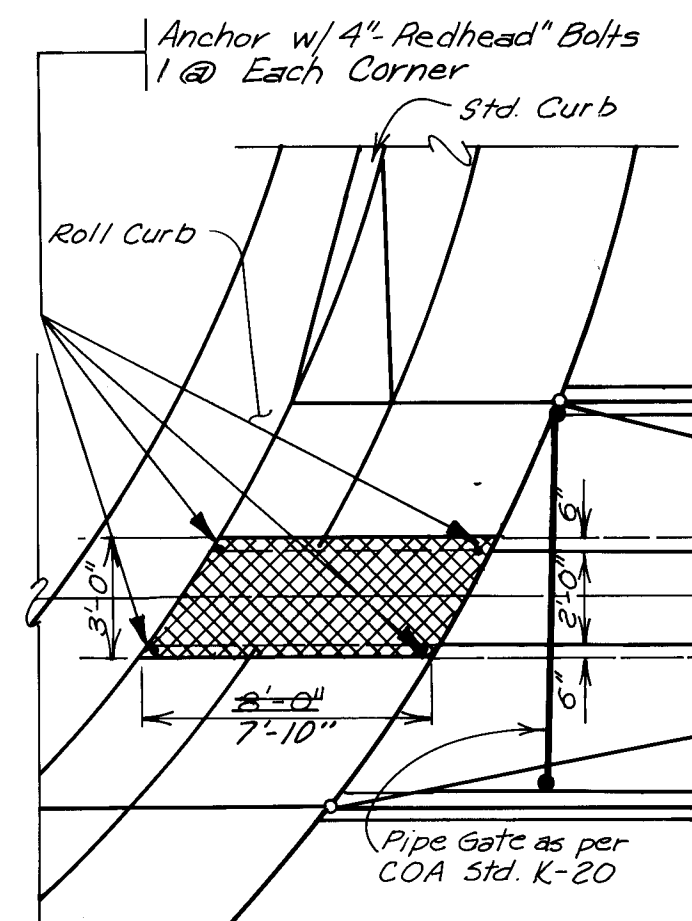
SECTION C-C



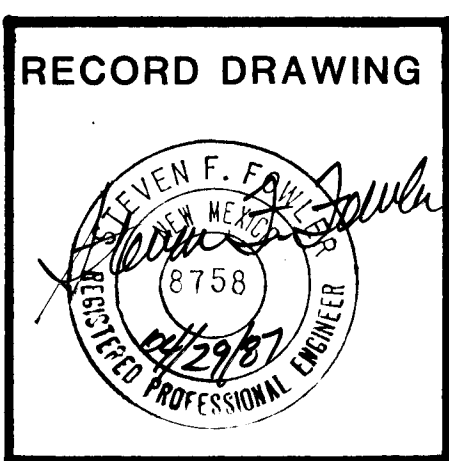
SECTION B-B



SECTION A-A



DETAIL B
STEEL PLATE
FOR SIDEWALK
CULVERT



CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ACADEMY RIDGE EAST PHASE III DRAINAGE DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairperson	Michael S.	9/25/86	Parks & Rec. Dept.	John R. P.	9/25/86
Trans. Dev.	N.A. D.W.H.	7/12/86	User Dept.	Robert K. P.	"
Utility Dev.	N/A W.S.W.	9/23/86	User Dept.		
DRAWING NO.	3001	MAP NO.	E-22	SHEET	13 OF 13

