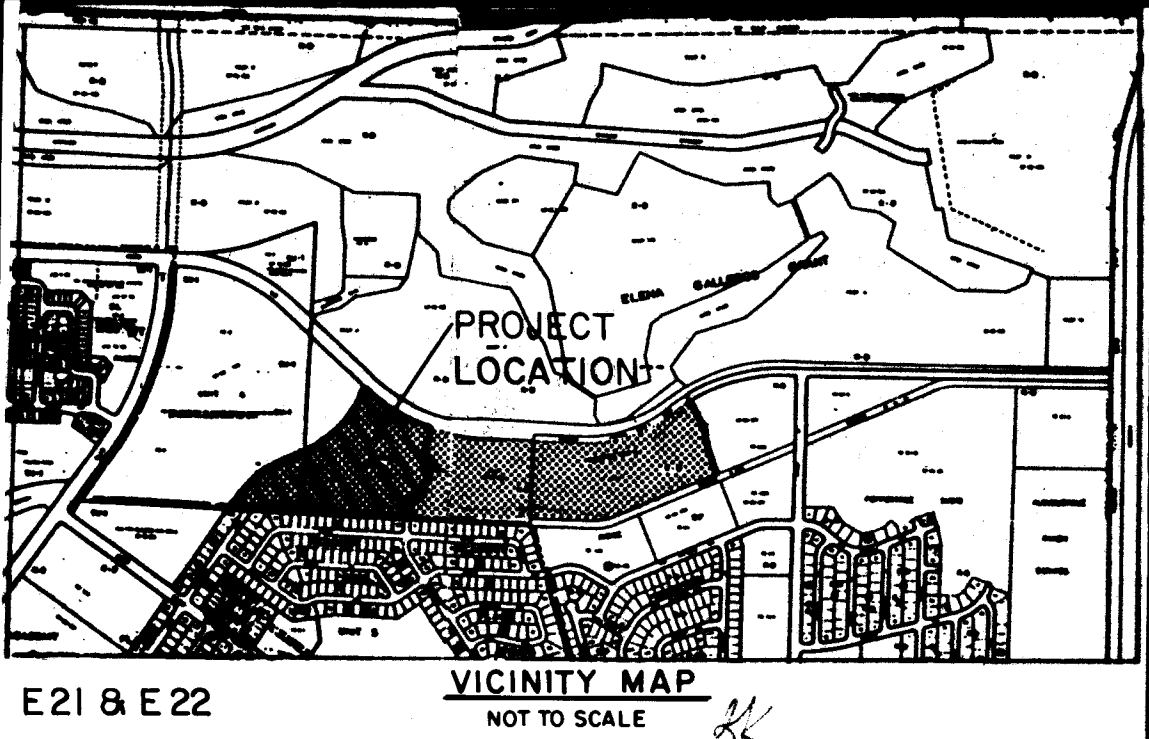


CONSTRUCTION PLANS
FOR
ACADEMY RIDGE EAST
PHASE I
ALBUQUERQUE, NEW MEXICO

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 & DRAINAGE DETAILS
13	CARRUTHERS STREET
14	MALAGUENA LANE
15	MALAGUENA LANE - ACADEMY RIDGE COURT
16	ACADEMY RIDGE ROAD
17	PUBLIC DRAINAGE & ACCESS RIGHT-OF-WAY
18	MISCELLANEOUS DETAILS
19	PROSPECTOR'S POINT ALLEYWAY



GENERAL NOTES

NOTICE TO CONTRACTORS

- NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION-1979 EDITION WILL BE REFERRED TO HEREON AS THE "STANDARD SPECIFICATION."
- 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 "PUBLIC WORKS CONTRACT 85-1" AND THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1979 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

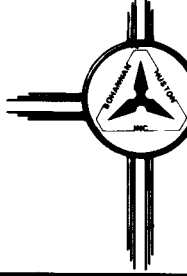
- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☒ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER 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.

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

APPROVAL OF AS-BUILT DRAWINGS
ASST. CITY ENGINEER - FIELD
W. J. Myrnamara
DATE 1-20-86

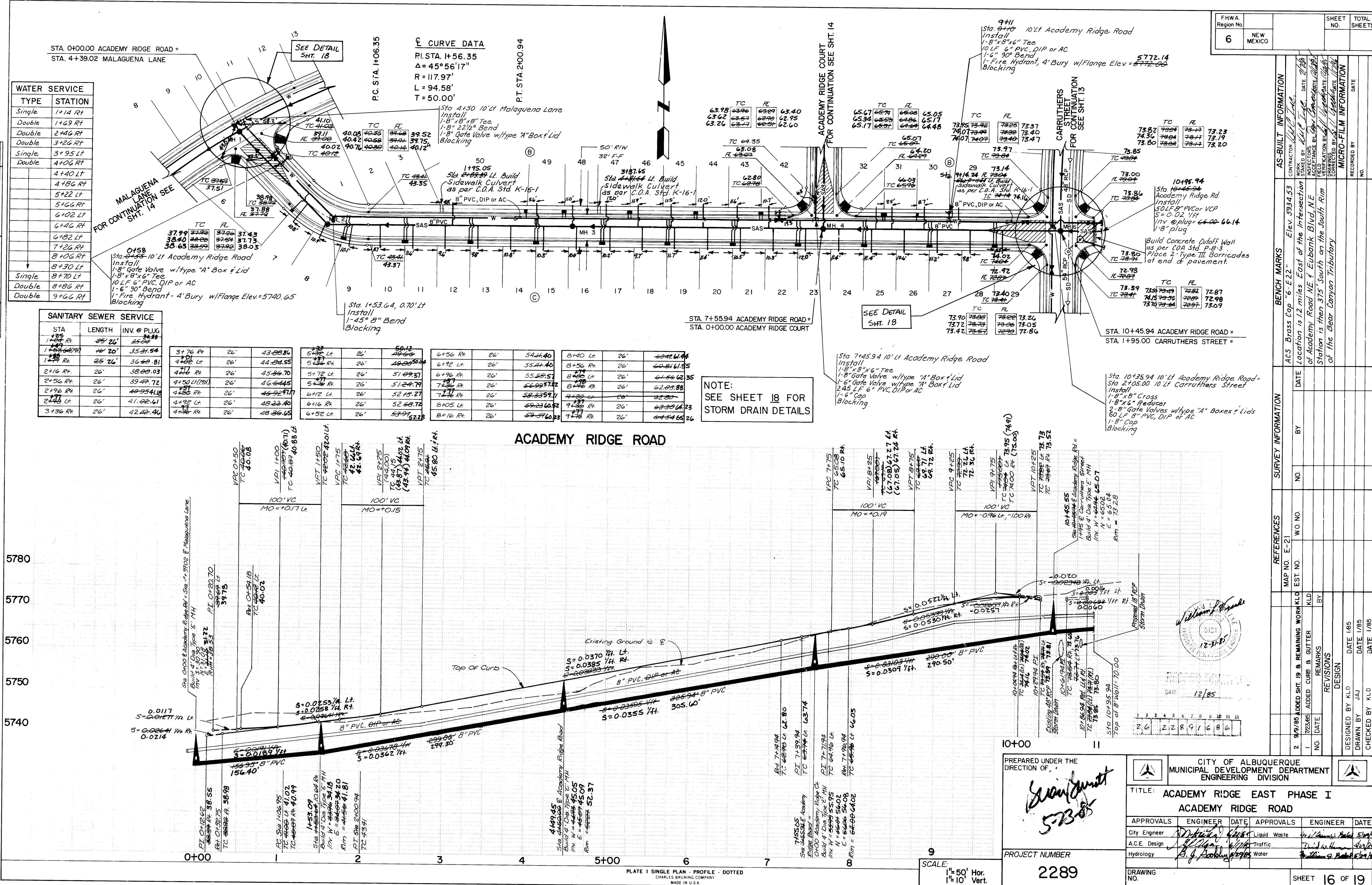
REV	SHEETS	CITY ENGINEER	DATE	USER	DEPT.	DATE	USER	DEPT.	DATE
3	1-19	As-BUILTs	12/85	B. H. Vandy B.A. Inc.		1/17/86			
2	1-19	<i>C. D. Shupard</i>	9/9/85	ACE-D A.D. Olson		9/25/85	Revised to include new data		
1	1-18	<i>A. D. Olson</i> For CDS	7/23/85	ACE-D A.D. Olson		8/5/85	Revised to include new data		

APPROVAL OF REVISIONS

<i>Bohannon</i> 5-23-85	 BOHANNON - HUSTON INC. ALBUQUERQUE - SANTA FE - EL PASO ENGINEERS PLANNERS PHOTOGRAMMETRISTS	APPROVED FOR CONSTRUCTION <i>C. D. Shupard</i> 4/29/86 C.E.
	PROJECT NUMBER 2289	SHEET 1 OF 19

PLAN	DATE	BY	DATE	BY
NOT CHECKED				
NOT CHECKED				
NOT CHECKED				

PROFILE	DATE	BY	DATE	BY
NOT CHECKED				
NOT CHECKED				
NOT CHECKED				



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

AS-BUILT INFORMATION	BENCH MARKS	SURVEY INFORMATION	REFERENCES	DESIGN
CONTRACTOR: <i>W. J. ...</i> STATIONED BY: <i>W. J. ...</i> DATE: <i>12/85</i>	ACS Bypass Cap "6-E22" Location is 12 miles East of the intersection of Academy Road NE & Eubank Blvd. NE Station is then 375' South on the South Rim of the Bear Canyon Tributary	DATE: <i>12/85</i> BY: <i>W. J. ...</i> NO: <i>12345</i>	MAP NO. E-21 EST. NO. <i>12345</i> W.O. NO. <i>12345</i>	DESIGNED BY: <i>W. J. ...</i> DATE: <i>12/85</i> DRAWN BY: <i>W. J. ...</i> DATE: <i>12/85</i> CHECKED BY: <i>W. J. ...</i> DATE: <i>12/85</i>

PREPARED UNDER THE DIRECTION OF: *W. J. ...*

PROJECT NUMBER: **2289**

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

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: **ACADEMY RIDGE EAST PHASE I
ACADEMY RIDGE ROAD**

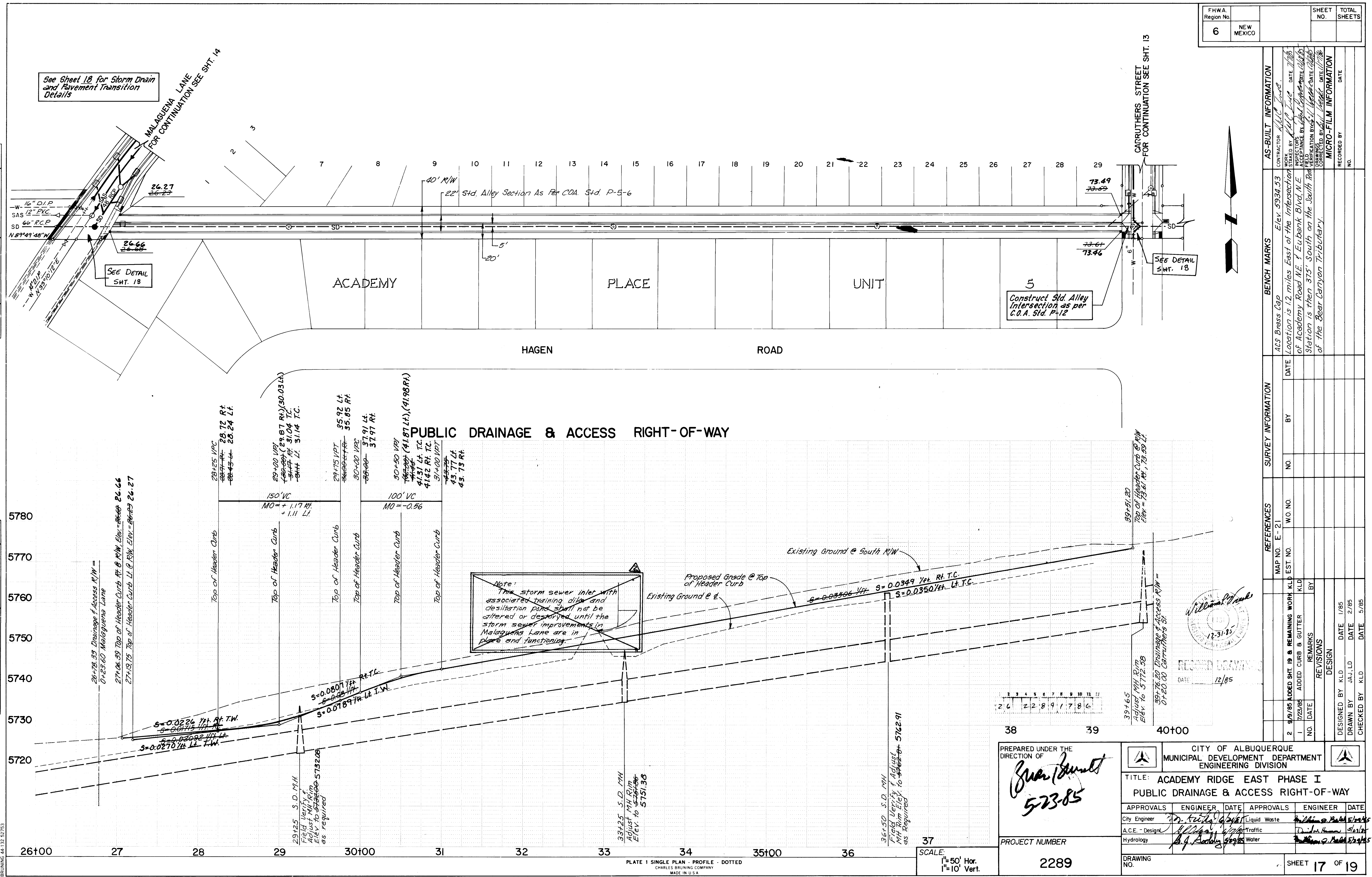
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>W. J. ...</i>	<i>12/85</i>	Liquid Waste	<i>W. J. ...</i>	<i>12/85</i>
A.C.E. Design	<i>W. J. ...</i>	<i>12/85</i>	Traffic	<i>W. J. ...</i>	<i>12/85</i>
Hydrology	<i>W. J. ...</i>	<i>12/85</i>	Water	<i>W. J. ...</i>	<i>12/85</i>

DRAWING NO. **2289**

SHEET **16** OF **19**

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	GRADES CHECKED _____		
NO _____	B. M. NOTED _____		
	STRUCTURE NOTATIONS CH MD		

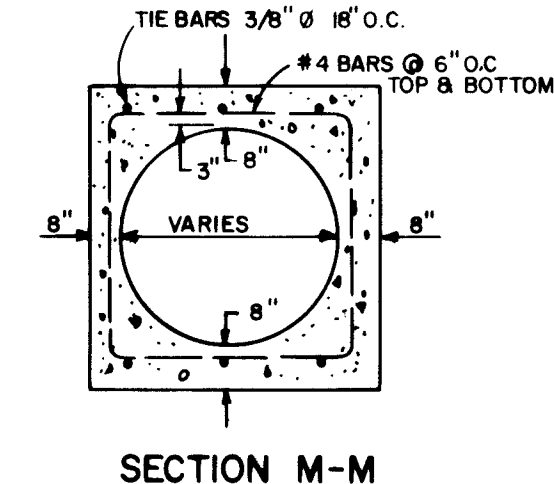
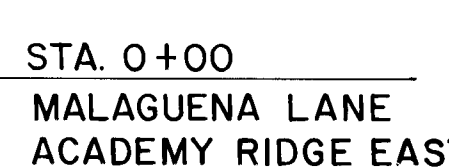
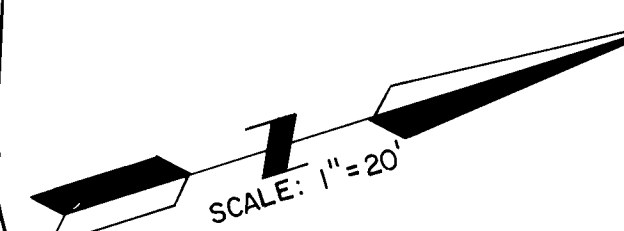
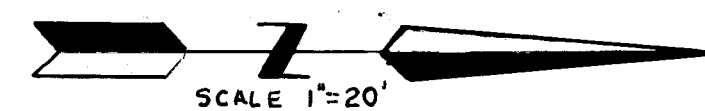
REFERENCES				SURVEY INFORMATION				BENCH MARKS		AS-BUILT INFORMATION					
MAP NO. E- 21				DATE				AC3 Bress Cap		CONTRACTOR <i>M.C. Inc.</i>					
2	5/9/85	ADDED SHT. 19 & REMAINING WORK	KLD	EST NO.	W.O. NO.	NO.	BY	Location is 1/2 miles East of the Intersection of Academy Road N.E. & Eubank Blvd. N.E.		STARTED BY <i>KLD Inc.</i> DATE <i>1/13/85</i>					
1	7/23/85	ADDED CURB & GUTTER	KLD					Station is then 375' South on the South Rim of the Bear Canyon Tributary.		INSPECTORS ACCEPTANCE BY <i>KLD</i> DATE <i>2/13/85</i>					
NO.	DATE	REMARKS	BY								VERIFICATION BY <i>KLD</i> DATE <i>2/13/85</i>				
REVISIONS											DRAWN BY <i>KLD</i> DATE <i>2/13/85</i>				
DESIGN											RECORDED BY <i>KLD</i> DATE <i>2/13/85</i>				
DESIGNED BY KLD		DATE 1/85									RECORDED BY				
DRAWN BY JAL, LD		DATE 2/85									DATE				
CHECKED BY KLD		DATE 5/85									NO.				
												MICRO-FILM INFORMATION			





① $\Delta = 33^{\circ}23'22''$
 $R = 839.67'$
 $L = 489.32'$
 $T = 251.83'$

② $\Delta = 8^{\circ}49'17''$
 $R = 100'$
 $L = 15.40'$
 $T = 7.71'$



DRAWING NO.	2289	MAP NO. E-21	SHEET 18	OF 19
----------------	------	-----------------	-------------	----------

PLAN	DATE	BY
NO. 1		
NO. 2		
NO. 3		
NO. 4		
NO. 5		
NO. 6		
NO. 7		
NO. 8		
NO. 9		
NO. 10		
NO. 11		
NO. 12		
NO. 13		
NO. 14		
NO. 15		
NO. 16		
NO. 17		
NO. 18		
NO. 19		
NO. 20		
NO. 21		
NO. 22		
NO. 23		
NO. 24		
NO. 25		
NO. 26		
NO. 27		
NO. 28		
NO. 29		
NO. 30		
NO. 31		
NO. 32		
NO. 33		
NO. 34		
NO. 35		
NO. 36		
NO. 37		
NO. 38		
NO. 39		
NO. 40		
NO. 41		
NO. 42		
NO. 43		
NO. 44		
NO. 45		
NO. 46		
NO. 47		
NO. 48		
NO. 49		
NO. 50		

PROFILE	DATE	BY
NO. 1		
NO. 2		
NO. 3		
NO. 4		
NO. 5		
NO. 6		
NO. 7		
NO. 8		
NO. 9		
NO. 10		
NO. 11		
NO. 12		
NO. 13		
NO. 14		
NO. 15		
NO. 16		
NO. 17		
NO. 18		
NO. 19		
NO. 20		
NO. 21		
NO. 22		
NO. 23		
NO. 24		
NO. 25		
NO. 26		
NO. 27		
NO. 28		
NO. 29		
NO. 30		
NO. 31		
NO. 32		
NO. 33		
NO. 34		
NO. 35		
NO. 36		
NO. 37		
NO. 38		
NO. 39		
NO. 40		
NO. 41		
NO. 42		
NO. 43		
NO. 44		
NO. 45		
NO. 46		
NO. 47		
NO. 48		
NO. 49		
NO. 50		

WATER SERVICE	STATION
Double	10+08 Lt
Double	10+20 Rt
Double	10+99 Lt
Double	11+17 Rt
Double	11+87 Lt
Double	12+35 Lt
Single	12+65 Lt
Double	13+10 Rt
Double	13+19 Lt
Double	14+07 Lt
Double	14+26 Rt
Double	14+95 Lt
Double	15+06 Rt
Double	15+83 Lt

C CURVE DATA
 PI STA. 9+29.71
 $\Delta = 25^\circ 23' 48''$
 $R = 132.05'$
 $L = 501.79'$
 $T = 255.09'$

PRC STA. 11+76.41

C CURVE DATA
 PI STA. 12+59.21
 $\Delta = 79^\circ 15' 05''$
 $R = 100.00'$
 $L = 138.32'$
 $T = 82.80'$

PRC STA. 13+14.73

C CURVE DATA
 PI STA. 14+99.02
 $\Delta = 12^\circ 53' 52''$
 $R = 1630.40'$
 $L = 367.02'$
 $T = 184.29'$

NOTE:
 SEE SHEET 18 FOR
 STORM DRAIN DETAILS

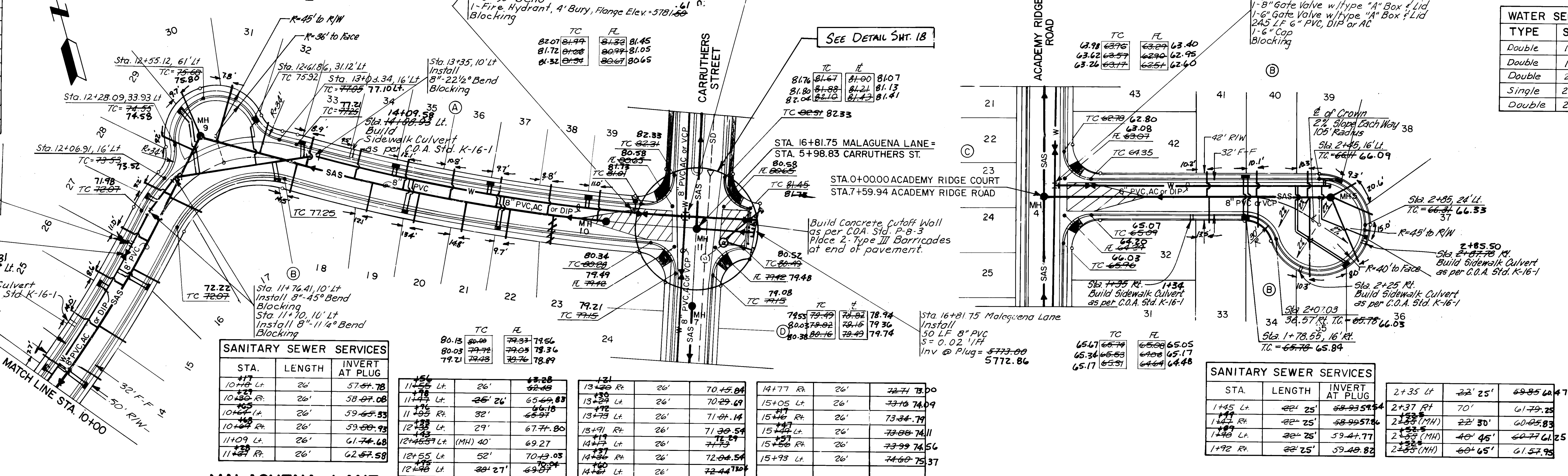
16+29.65 10' Lt
 Install
 10 LF 6" PVC, DIP or AC
 1-6" 90° Bend
 1-Fire Hydrant, 4' Bury, Flange Elev. = 5781.60
 Blocking

Sta. 16+71.75, 10' Lt Malaguena Lane =
 Sta. 6+08.83, 10' Lt Carruthers Street
 Install
 1-8" x 8" Cross
 65 LF 8" PVC, DIP or AC
 1-8" Gate Valve w/type "A" Box & Lid
 1-8" Cop
 Blocking

Sta. 7+45.94 10' Lt Academy Ridge Road
 Install
 1-8" x 8" Tee
 1-8" Gate Valve w/type "A" Box & Lid
 1-6" Gate Valve w/type "A" Box & Lid
 245 LF 6" PVC, DIP or AC
 1-6" Cop
 Blocking

WATER SERVICE	STATION
Double	1+80 Lt
Double	1+82 Rt
Double	2+25 Rt
Single	2+47 Rt
Double	2+49 Lt

FWHA	Region No.	NEW	MEXICO	SHEET	TOTAL
6					



STA.	LENGTH	INVERT AT PLUG
10+08 Lt	26'	57.54.78
10+20 Rt	26'	58.07.08
10+99 Lt	26'	59.65.83
11+17 Rt	26'	59.88.93
11+87 Lt	26'	61.74.68
12+35 Lt	26'	62.67.58

11+25 Lt	26'	63.28
11+43 Lt	26'	65.44.83
11+61 Lt	26'	66.18
11+79 Lt	26'	67.74.80
11+97 Lt	26'	69.27
12+15 Lt	26'	70.43.03
12+33 Lt	26'	72.44.13

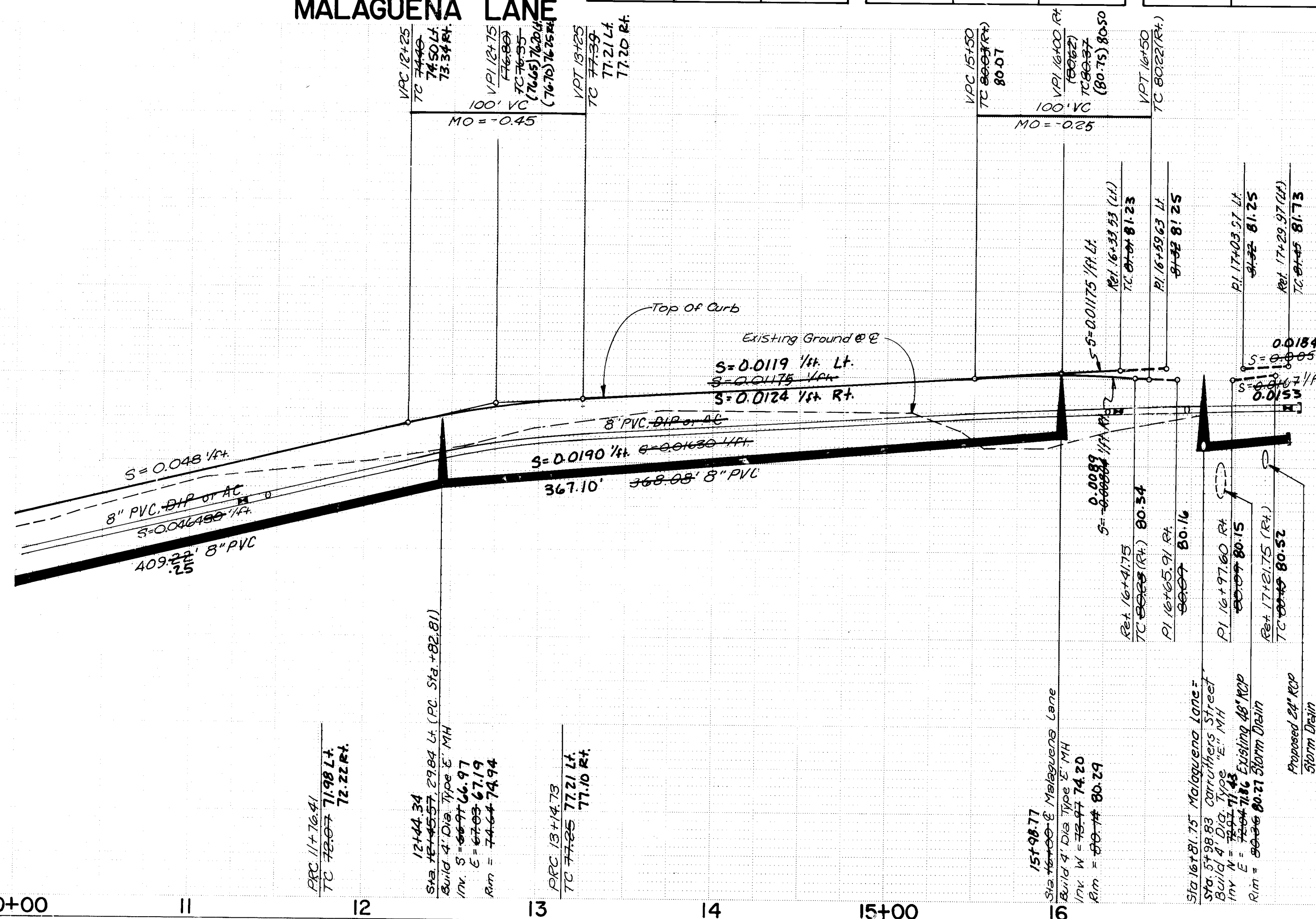
13+21 Rt	26'	70.45.04
13+39 Rt	26'	70.29.69
13+57 Rt	26'	71.04.14
13+75 Rt	26'	71.30.54
13+93 Rt	26'	72.04.54
14+11 Rt	26'	72.44.13
14+29 Rt	26'	73.04.14
14+47 Rt	26'	73.34.14
14+65 Rt	26'	73.64.14
14+83 Rt	26'	73.94.14
15+01 Rt	26'	74.24.14

15+19 Rt	26'	74.54.14
15+37 Rt	26'	74.84.14
15+55 Rt	26'	75.14.14
15+73 Rt	26'	75.44.14
15+91 Rt	26'	75.74.14
16+09 Rt	26'	76.04.14
16+27 Rt	26'	76.34.14
16+45 Rt	26'	76.64.14
16+63 Rt	26'	76.94.14
16+81 Rt	26'	77.24.14
16+99 Rt	26'	77.54.14

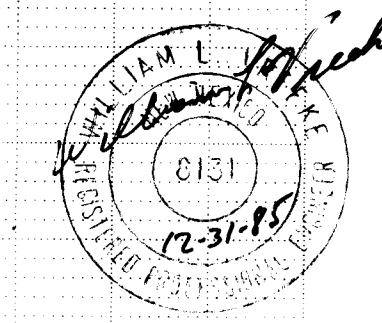
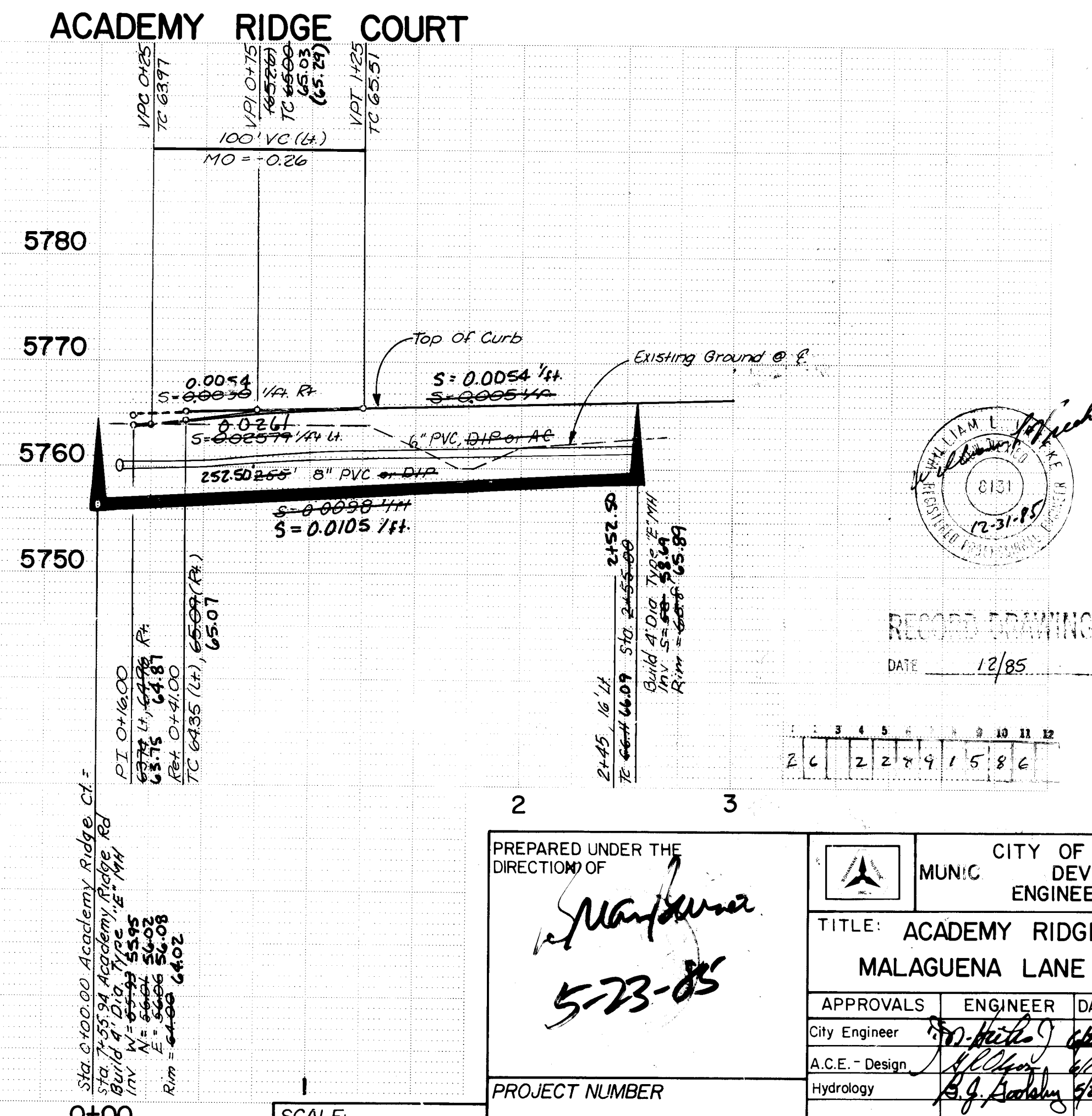
STA.	LENGTH	INVERT AT PLUG
1+45 Lt	25'	58.93.59.4
1+71 Rt	25'	58.93.59.4
1+97 Rt	25'	59.44.71
2+23 Rt	25'	59.44.71
2+49 Rt	25'	59.44.71

2+35 Lt	22' 25'	59.85.60.47
2+37 Rt	70'	61.79.25
2+39 (MH)	22' 30'	60.05.83
2+41 (MH)	40' 45'	60.77.61.25
2+43 (MH)	60' 65'	61.57.95

MALAGUENA LANE



ACADEMY RIDGE COURT



RECORD DRAWING
 DATE 12/85

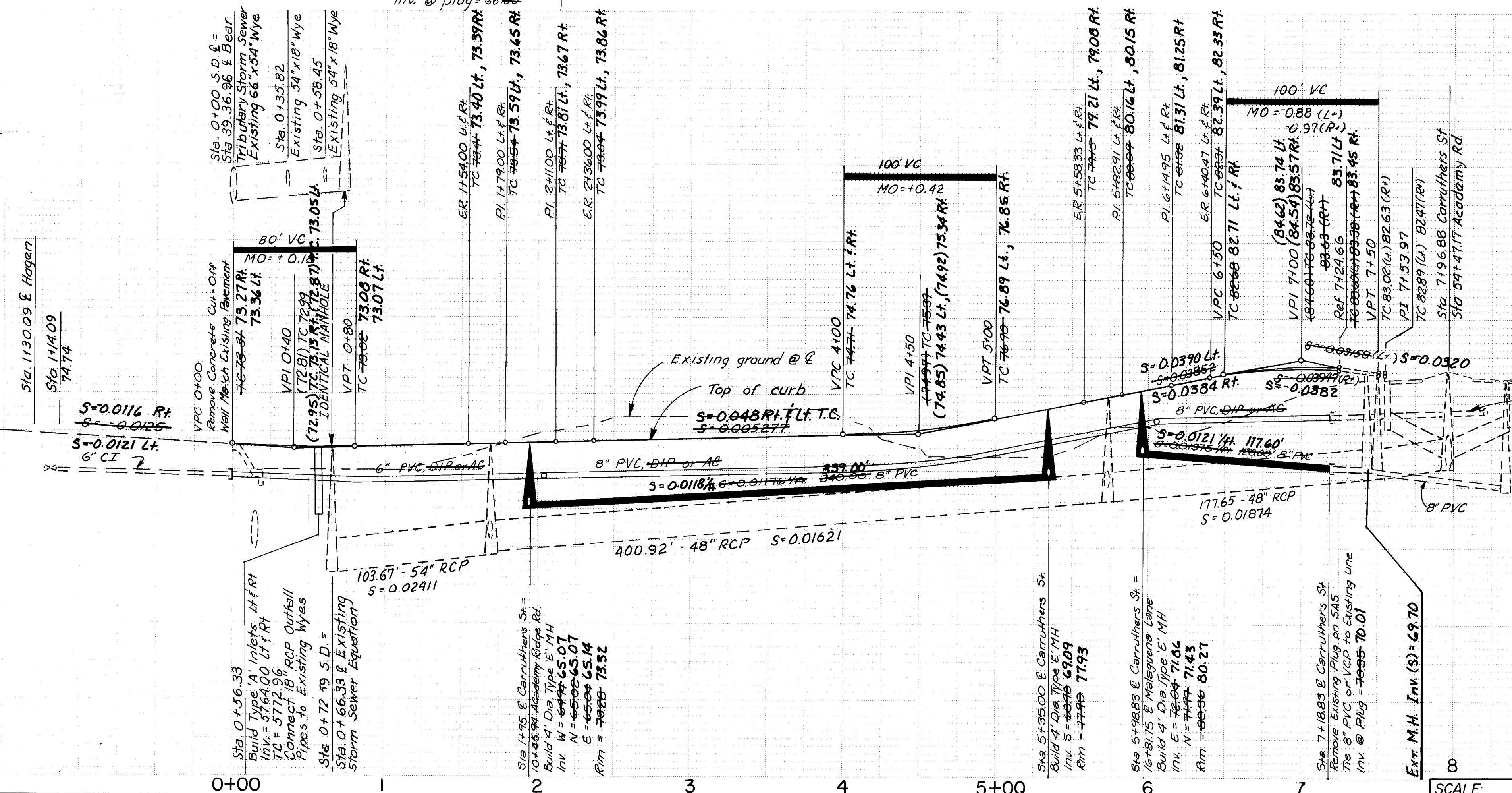
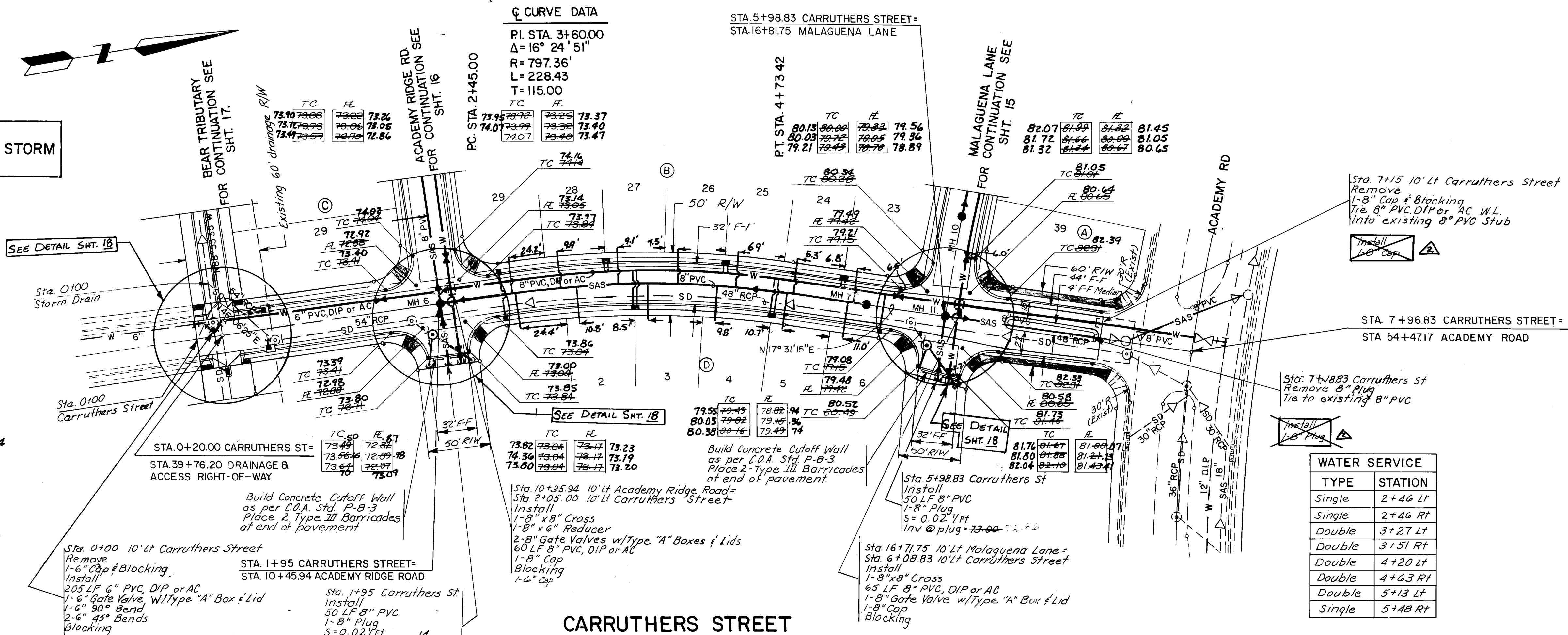
PREPARED UNDER THE DIRECTION OF 		CITY OF ALBUQUERQUE MUNICIPAL ENGINEERING DIVISION	
TITLE: ACADEMY RIDGE EAST PHASE I MALAGUENA LANE & ACADEMY RIDGE CT.			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer		12/85	City Engineer
A.C.E. - Design		12/85	A.C.E. - Design
Hydrology		12/85	Hydrology
PROJECT NUMBER 2289		SHEET 15 OF 19	

PLAN	DATE	BY	DATE	BY
DESIGNED				
DRAWN				
CHECKED				
NOTED				
NO.				

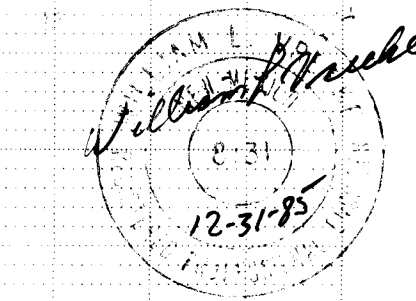
PROFILE	DATE	BY	DATE	BY
DESIGNED				
DRAWN				
CHECKED				
NOTED				
NO.				

STA.	LENGTH	INV.	PLUG
2+56 Lt	26'	6788.54	
2+82 Rt	26'	6795.76	
3+08 Rt	26'	6802.98	
3+34 Rt	26'	6810.20	
3+60 Rt	26'	6817.42	
3+86 Rt	26'	6824.64	
4+12 Rt	26'	6831.86	
4+38 Rt	26'	6839.08	
4+64 Rt	26'	6846.30	
4+90 Rt	26'	6853.52	
5+16 Rt	26'	6860.74	
5+42 Rt	26'	6867.96	

NOTE:
SEE SHT. 18 FOR STORM
DRAIN DETAILS.



TYPE	STATION
Single	2+46 Lt
Single	2+46 Rt
Double	3+27 Lt
Double	3+27 Rt
Double	4+20 Lt
Double	4+20 Rt
Double	4+63 Lt
Double	4+63 Rt
Single	5+48 Rt



RECORD DRAWINGS
DATE 12/85

PREPARED UNDER THE
DIRECTION OF
Brian Barnett
5-23-85

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION			
TITLE: ACADEMY RIDGE EAST PHASE I CARRUTHERS STREET			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	<i>[Signature]</i>	6/2/85	Liquid Waste
ACE Design	<i>[Signature]</i>	6/2/85	Traffic
Hydrology	<i>[Signature]</i>	6/2/85	Water
DESIGNED BY KLD		DATE 1/85	DRAWN BY LAD
CHECKED BY KLD		DATE 2/85	
		DATE 5/85	

PROJECT NUMBER
2289

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

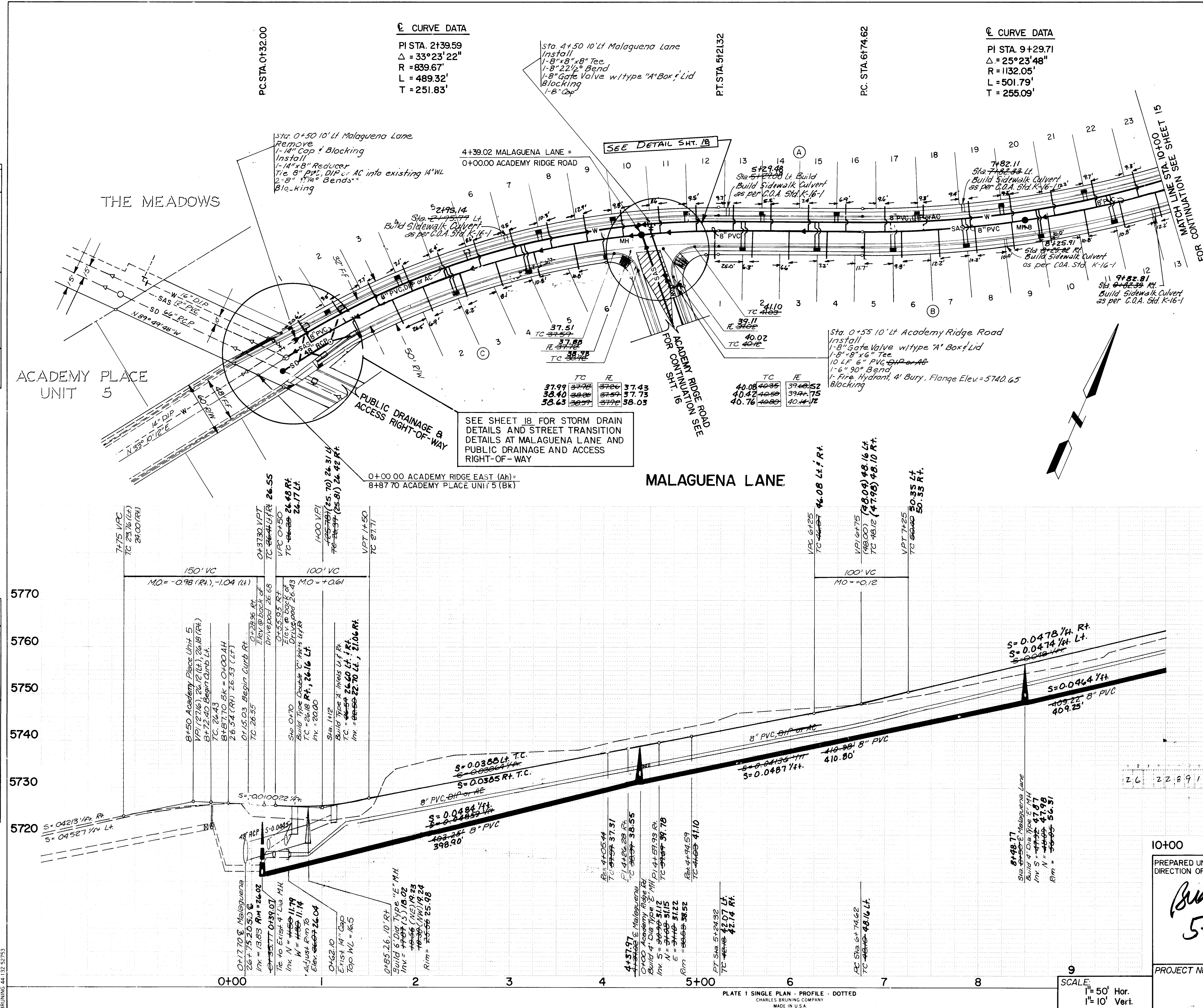
FWHA Region No.	NEW MEXICO	SHEET NO.	TOTAL SHEETS
6			

AS-BUILT INFORMATION	BENCH MARKS	SURVEY INFORMATION	REFERENCES
CONTRACTOR: K&C Inc. WORK: 1.2 miles East of the Intersection of Academy Road NE & Eubank Blvd NE STATION: 375' South on the South Rim of the Bear Canyon Tributary	ACS Brass Cap "6-E22" Elev. 5934.53 Location is 1.2 miles East of the Intersection of Academy Road NE & Eubank Blvd NE Station: 375' South on the South Rim of the Bear Canyon Tributary	MAP NO. E-21 EST. NO. W.O. NO. NO. BY DATE	NO. E-21 EST. NO. W.O. NO. NO. BY DATE

DESIGNED BY	CHECKED BY	DATE
KLD	KLD	1/85
DRAWN BY	CHECKED BY	DATE
LAD	LAD	2/85
DATE	DATE	DATE
1/85	2/85	5/85

PLAN	DATE	BY	SY
SURVEYED			
PLOTTED			
ALIGNED			
CHECKED			
NO.			

PROFILE	DATE	BY	SY
SURVEYED			
PLOTTED			
ALIGNED			
CHECKED			
NO.			



SANITARY SEWER SERVICE			WATER SERVICE	
STA.	LENGTH	INV. @ PLUG		
0+00	26'	14.48	DOUBLE	0+90 Lt.
1+00	26'	16.43	SINGLE	1+10 Rt.
1+26	26'	18.48	DOUBLE	1+78 Lt.
1+52	26'	20.43		2+29 Rt.
1+78	26'	22.38		2+94 Lt.
2+04	26'	24.33		3+19 Rt.
2+30	26'	26.28		3+39 Lt.
2+56	26'	28.23	SINGLE	3+95 Rt.
2+82	26'	30.18	DOUBLE	4+11 Lt.
3+08	26'	32.13		4+80 Lt.
3+34	26'	34.08		5+47 Rt.
3+60	26'	36.03		6+07 Lt.
3+86	26'	37.98		6+47 Lt.
4+12	26'	39.93		7+07 Rt.
4+38	26'	41.88		7+35 Lt.
4+64	26'	43.83		7+85 Rt.
4+90	26'	45.78		8+26 Lt.
5+16	26'	47.73		8+63 Rt.
5+42	26'	49.68		9+18 Lt.
5+68	26'	51.63		9+42 Rt.
5+94	26'	53.58		
6+20	26'	55.53		
6+46	26'	57.48		
6+72	26'	59.43		
6+98	26'	61.38		
7+24	26'	63.33		
7+50	26'	65.28		
7+76	26'	67.23		
8+02	26'	69.18		
8+28	26'	71.13		
8+54	26'	73.08		
8+80	26'	75.03		
9+06	26'	76.98		
9+32	26'	78.93		
9+58	26'	80.88		
9+84	26'	82.83		
10+10	26'	84.78		

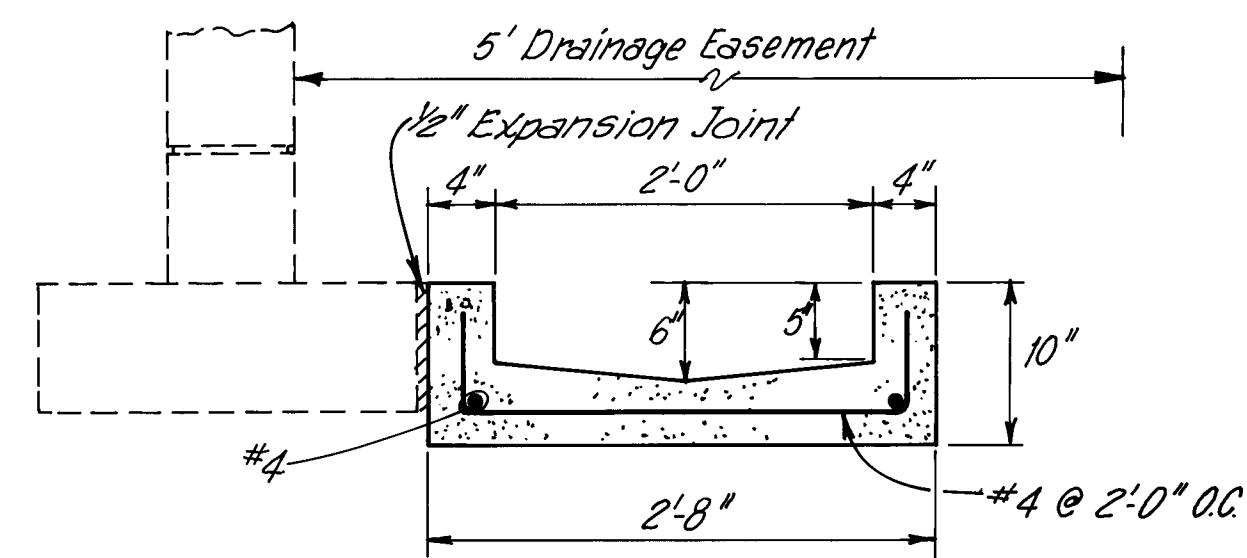
SHEET NO.		TOTAL SHEETS	
14		19	

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		REFERENCES	
CONTRACTOR	DATE	ACS Brass Cap "E-22"	Elev. 5934.93	MAP NO.	W.O. NO.	EST. NO.	DATE
WORKED BY	DATE	Location is 12 miles East of the intersection of Academy Road N.E. & Eubank Blvd., N.E.					
INSPECTED BY	DATE	Sta. is then 375' South on the South Rim of the Bear Canyon Tributary.					
VERIFICATION BY	DATE						
RECORDING BY	DATE						
MICRO-FILM INFORMATION		DESIGN		DRAWN BY		CHECKED BY	

DESIGNED BY KLD		DATE 1/85	
DRAWN BY JAU		DATE 1/85	
CHECKED BY KLD		DATE 1/85	

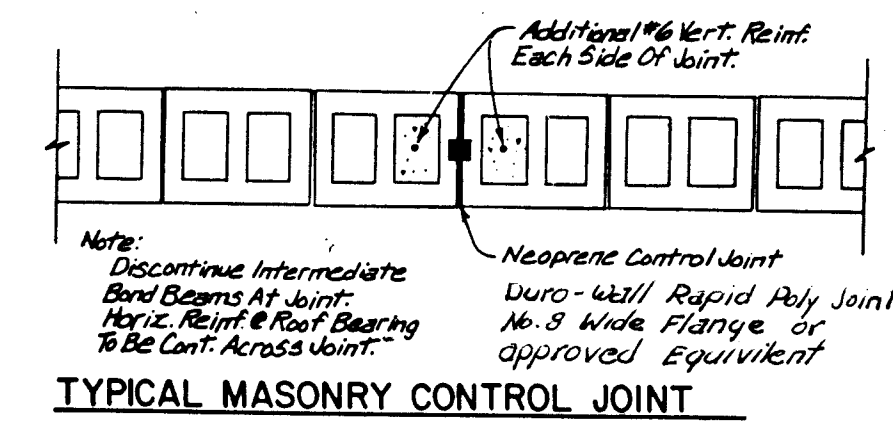
PREPARED UNDER THE DIRECTION OF		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION	
5-2385		TITLE: ACADEMY RIDGE EAST PHASE I MALAGUENA LANE	
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	1/2/85	1/2/85	Liquid Waste
A.C.E. - Design	1/2/85	1/2/85	Traffic
Hydrology	1/2/85	1/2/85	Water
PROJECT NUMBER		2289	
DRAWING NO.		SHEET 14 OF 19	

DRAINAGE RUNDOWN PLACEMENT

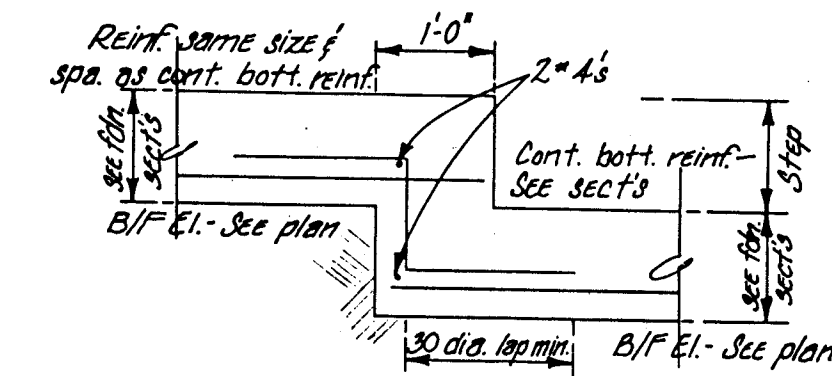


DRAINAGE RUNDOWN DETAIL

To Be Built by Others

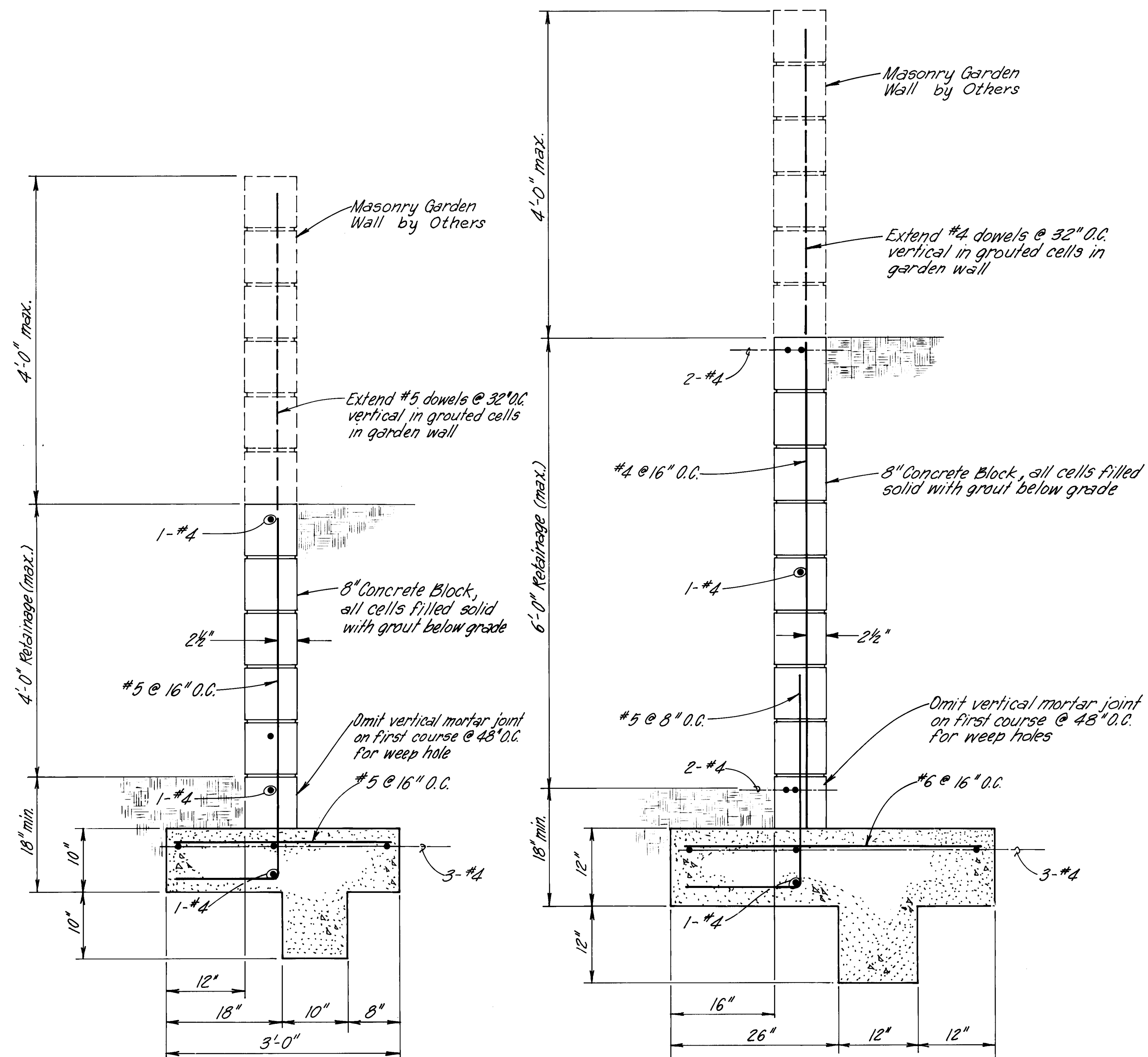


TYPICAL MASONRY CONTROL JOINT

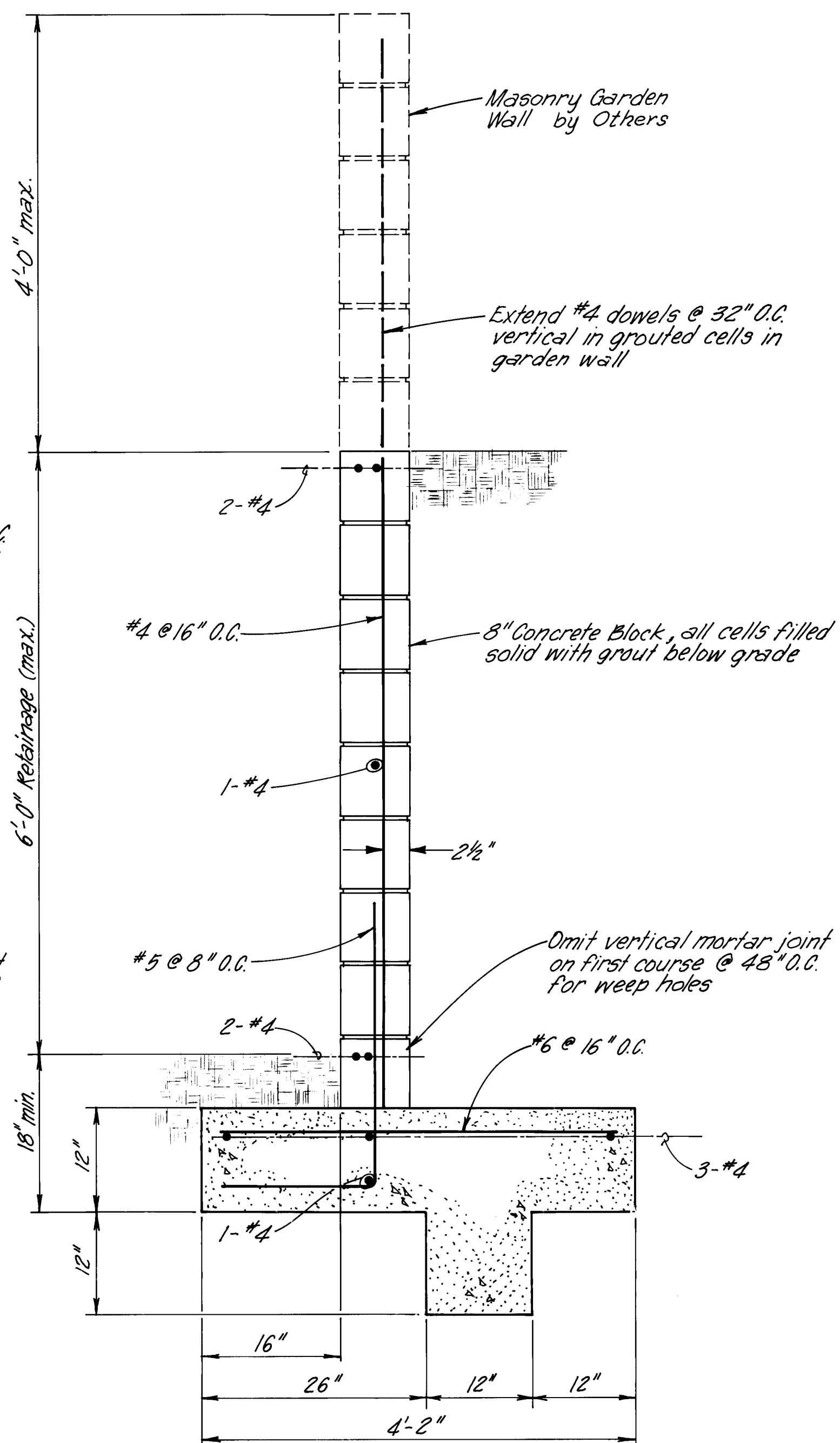


TYPICAL STEPPED FOOTING DETAIL

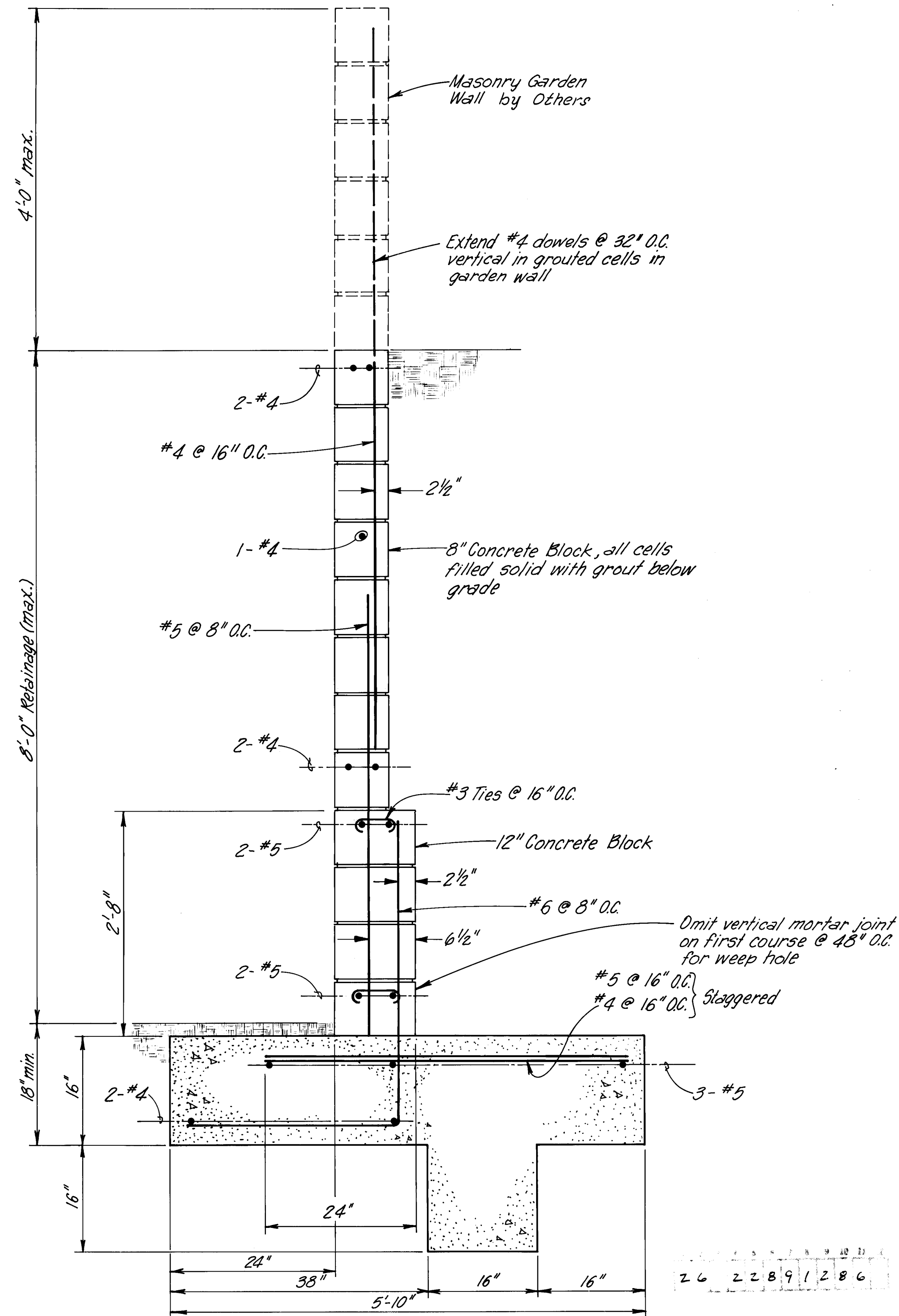
SECTION A-A



RETAINING WALL. 'A'



RETAINING WALL 'B'

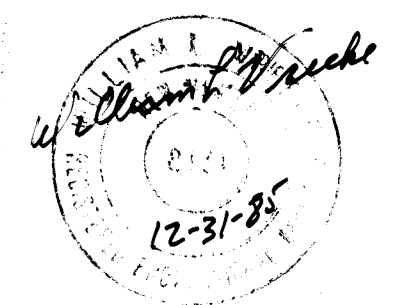


RETAINING WALL 'C'

GENERAL NOTES

1. Retaining wall footings shall be placed on a minimum of 2'-0" of engineered fill extending a minimum of 2'-6" from the edge of the footing and compacted to a minimum of 95 percent optimum density (ASTM D-1557).
- Backfill shall be free draining material and shall be placed in 8" loose lifts and compacted to 90 percent optimum density (ASTM D-1557) with light vibratory compacting equipment.
2. Retaining wall shall not be backfilled until at least 7 days after placing of final grout level.
3. Vertical control joints with PVC inserts shall be placed at intervals not to exceed 30'-0" on cent. r.
4. Minimum lap splice on reinforcing bars shall be 30 bar diameters or 1'-6" minimum.
5. Construction of retaining walls shall conform to requirements of the Uniform Building Code, Section 24, low lift grouting method.
6. All garden walls that retain over 6" of soil, erected not in conjunction with retaining walls, shall be reinforced with 1-#4 in grouted collars at 16" o.c. extending to within 2" of the bottom of garden wall footing.
7. DESIGN DATA
 - Block Weight 12"=130 pcf.
 - Block Weight 8"=85 pcf.
 - Block Weight=130 pcf.
 - Equiv. Fluid Press.=.43 pcf.
 - Soil Bearing Press.=1500 pcf.
 - (1/3 Increase for Wind/Seismic)
 - Coefficient of Friction=.0.4
 - Passive Soil Pressure=300 pcf.
 - Concrete f'c(28 Days)=3900 psi.
 - Concrete Strength=3900 psi.
 - CMU Grade N=1500 psi (Grouted)
 - Reinforcement=60 ksi ASTM A-615
8. Colored and patterned concrete.

After prior consolidation of concrete, level and screed to compact the surface and float to attain a smooth, level, regular surface of uniform texture. A pattern as specified on the plans or by the ENGINEER, is then to be pressed into the surface, to a depth not to exceed $3/16"$, by using embossing tools as manufactured by Boninite, Impresco, or approved equal. The Contractor shall provide a test slab of approximately $2' \times 6" \times 5'$ for the ENGINEER'S approval prior to proportion of the large areas.



RECORD DRAWINGS

DATE 12/85

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

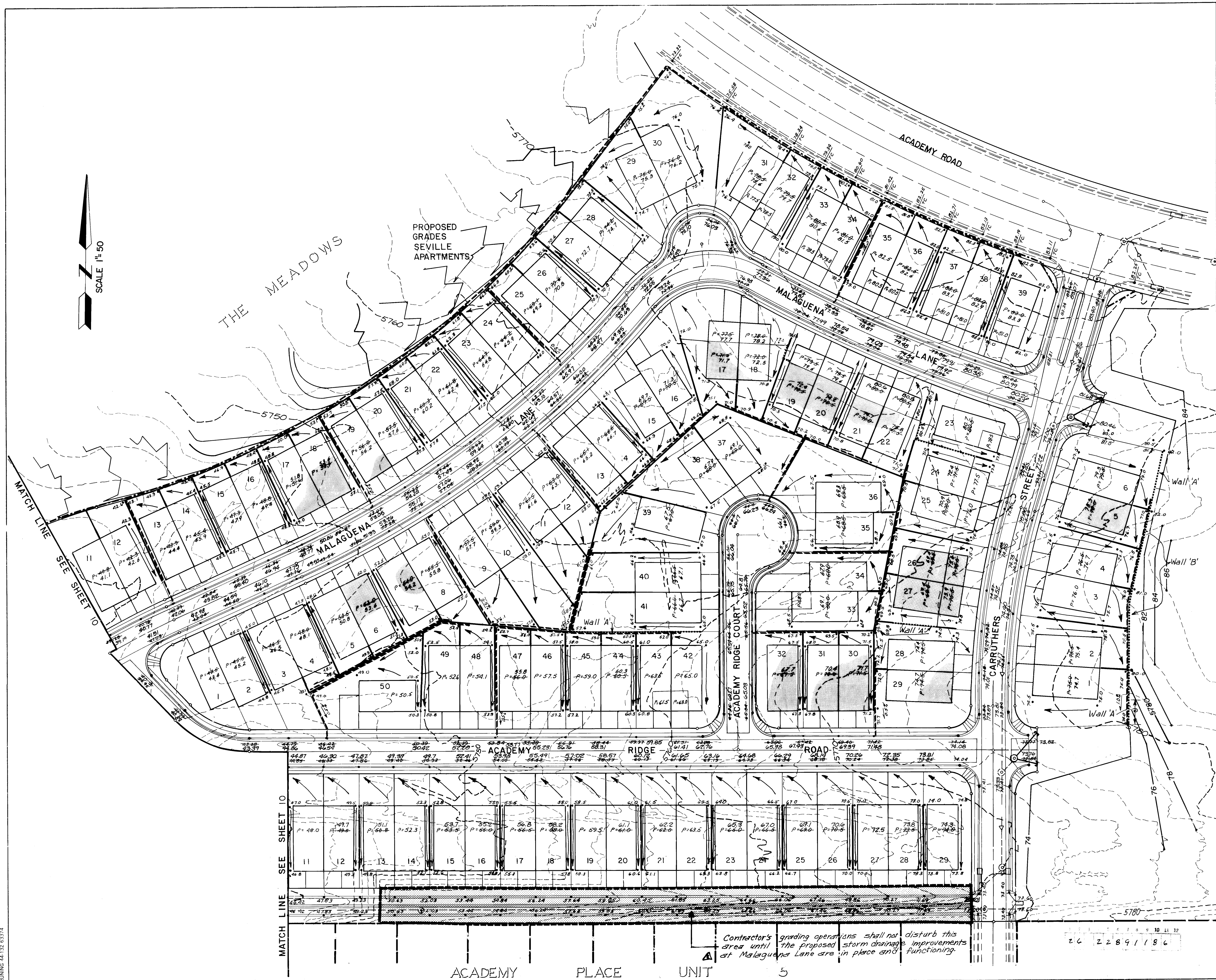
		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION			
TITLE: ACADEMY RIDGE EAST PHASE I RETAINING WALL & DRAINAGE DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	6/24/85	Liquid Waste	NA <i>mg B</i>	5/29/85
A/C E - Design	<i>[Signature]</i>	6/27/85	Traffic	NA Du/H	5/29/85
Hydrology	<i>[Signature]</i>	5/29/85	Water	NA <i>mg B</i>	5/29/85

SCALE : 1" = 1'-0"

0"	DRAWING NO.	2289
----	----------------	------

MAP NO.
E-21

SHEET 12 OF 19



FHWA Region No. 6		NEW MEXICO		SHEET NO. 11		TOTAL SHEETS 19	
ENGINEER'S SEAL <i>William F. Wade</i> 5-2305				AS-BUILT INFORMATION CONTRACTOR ACS Brass Corp. "6-E22" Elev. 5934.53		BENCH MARKS Location is 12 miles East of the intersection of Academy Road N.E. & Eubank Blvd. N.E. Station is then 375 South on the South Rim at the Bear Canyon Tributary	
				SURVEY INFORMATION FIELD NOTES DATE BY		NO.	
REVISIONS DESIGN NO. DATE 1 7/23/85 2 9/9/85				REMARKS KLD BY DATE 1/85 2/85 5/85		DESIGNED BY DRAWN BY CHECKED BY	
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION							
TITLE: ACADEMY RIDGE EAST PHASE I GRADING PLAN							
APPROVALS City Engineer A.C.E. Design Hydrology		ENGINEER DATE 5/2/85 5/2/85 5/2/85		APPROVALS Liquid Waste Traffic Water		ENGINEER DATE 5/2/85 5/2/85 5/2/85	
DRAWING NO. 2289		MAP NO. E-21		SHEET 11 OF 19			

RECORD DRAWINGS
DATE 12/85

Contractor's grading operations shall not disturb this area until the proposed storm drainage at Malaguena Lane are in place and functioning.

2 6 2 2 8 9 1 8 6

EARTHWORK SPECIFICATIONS

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 prewetting has been accomplished the entire area should be proofrolled 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 excess 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 operations 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:

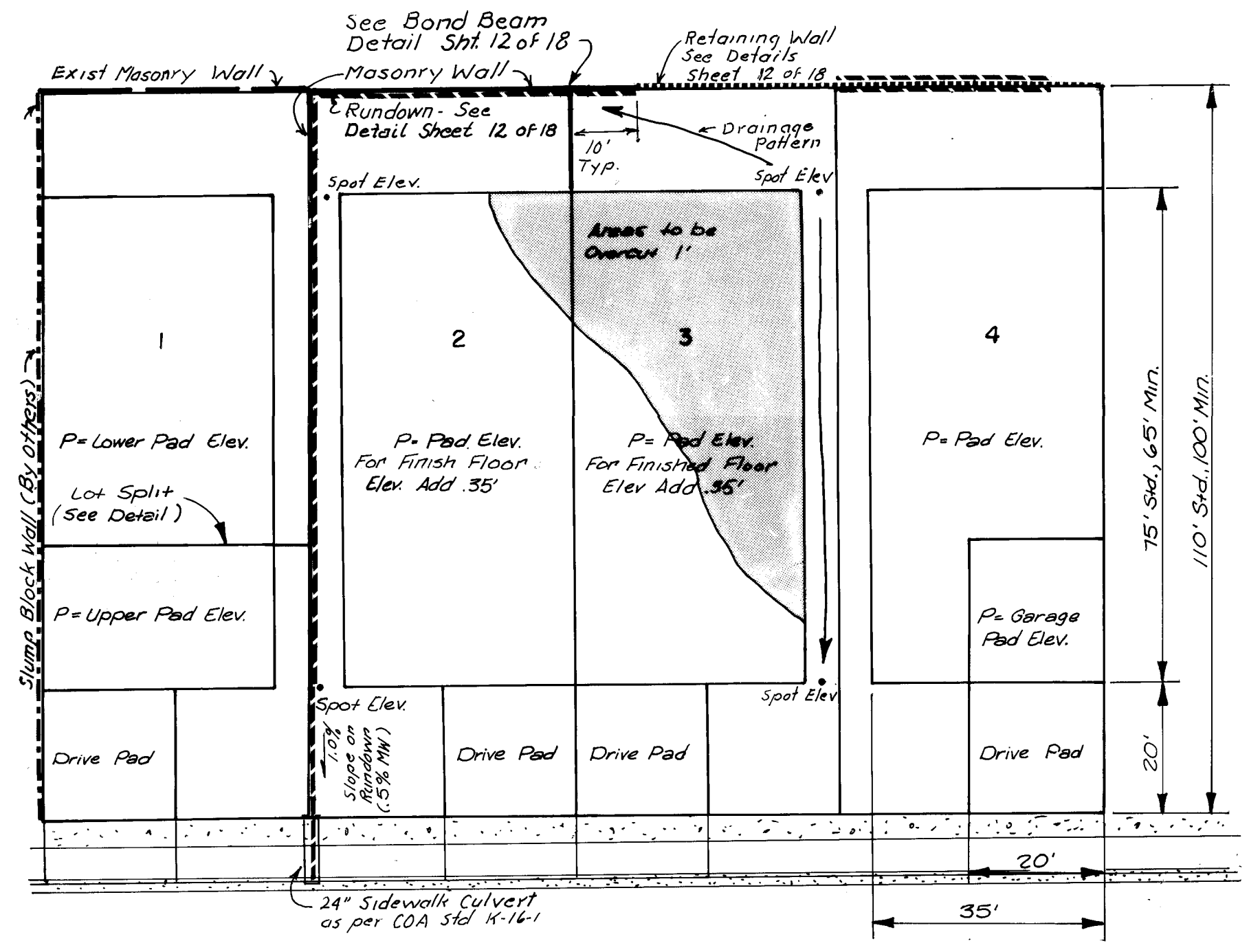
- One (1) field density test for each 1000 square yards of subgrade prior to fill placement.
- One (1) field density test for each 350 cubic yards of fill placed or each layer of fill in each work area.

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 Geotechnical Engineer at least 2 days prior to beginning earthwork operations or prior to resuming operations after stoppage.

Daily Report: Daily reports of field density tests shall be submitted by the Soil Engineer to the contractor or developer's field engineer.

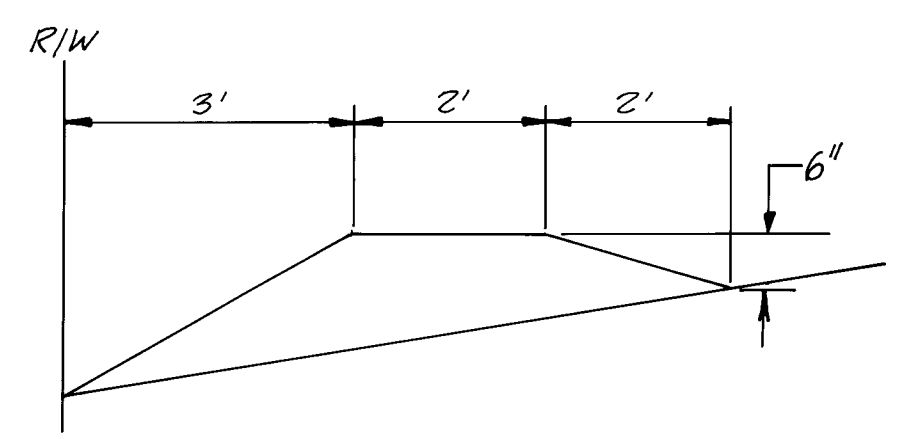
- LEGEND**
- Existing Masonry Wall
 - (#3) Masonry Garden Wall (By Others)
 - Masonry Retaining Wall (See Detail Sht. 12)
 - Concrete Private Drainage Rindown (See Detail Sht. 12)
 - Slump Block Wall (By Others)
 - Existing Contours
 - Swale or Flow Patterns



Note:
 Spot Elevations Reference Top of Fill or Cut Either at Base of Masonry Wall, Top of Edge of Lot Collection Rindown (See Detail) or 5' From Corner of Pad Which ever is Less.
 Spot Elevations Placed on Curb Represent Top of Curb at Final Grade.

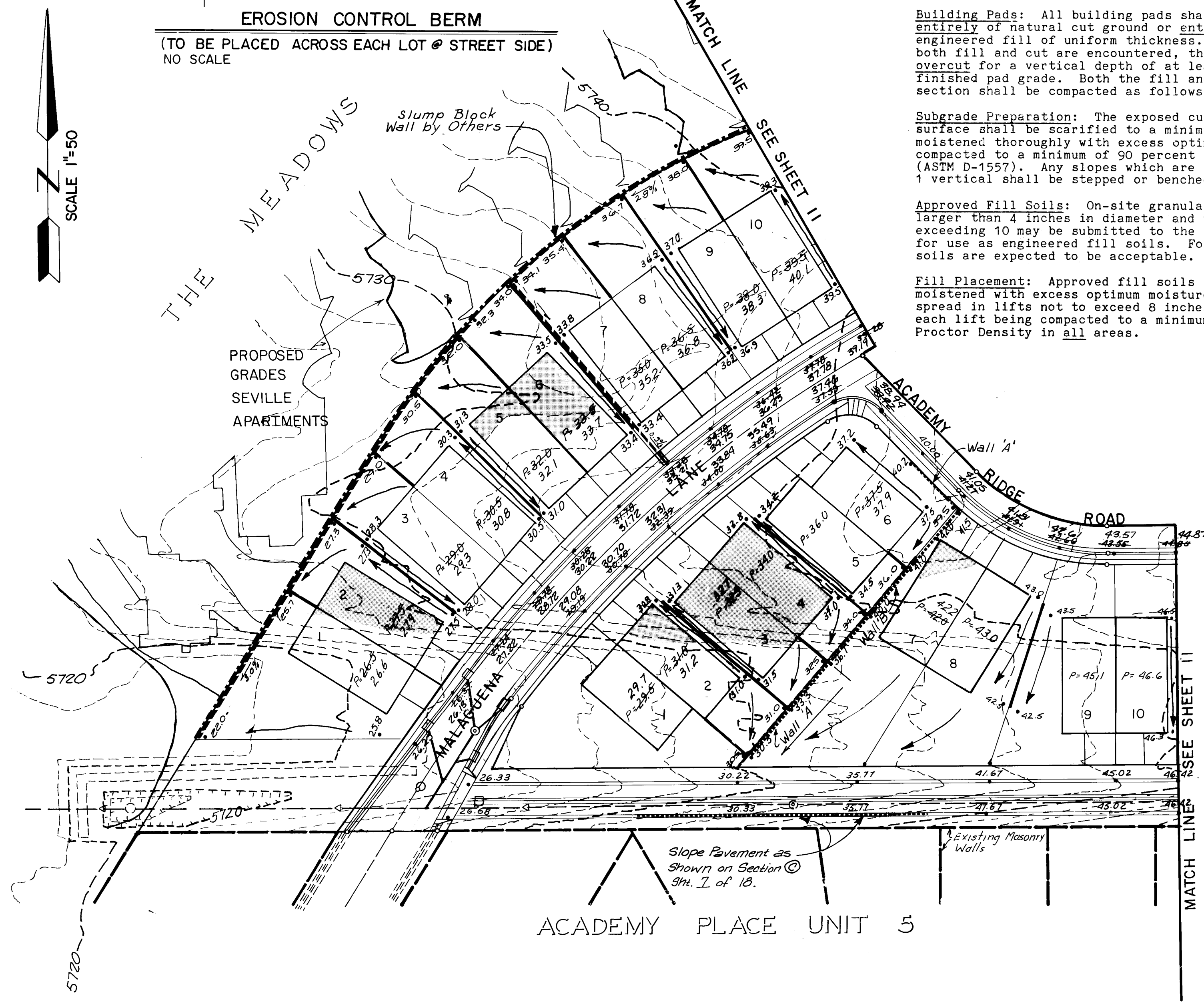
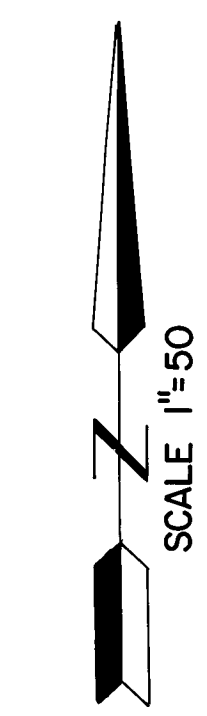
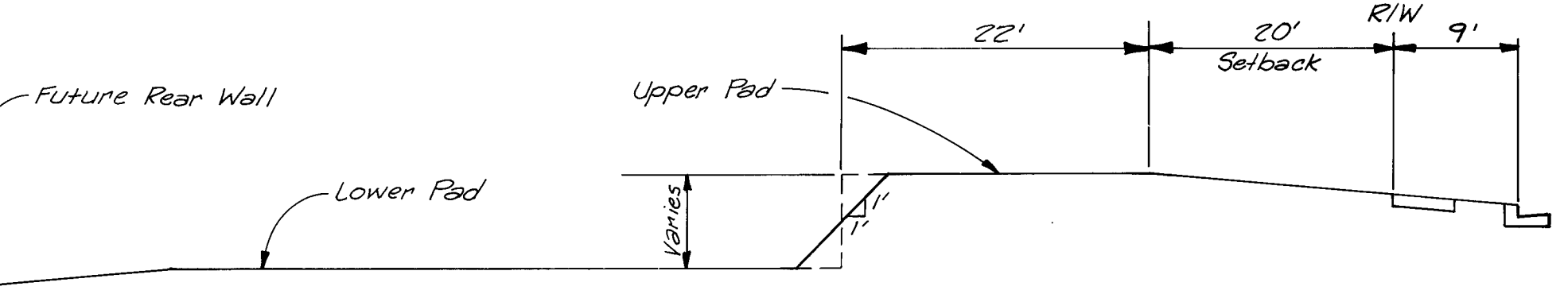
26 22891086

LOT SPLIT DETAIL
 NO SCALE

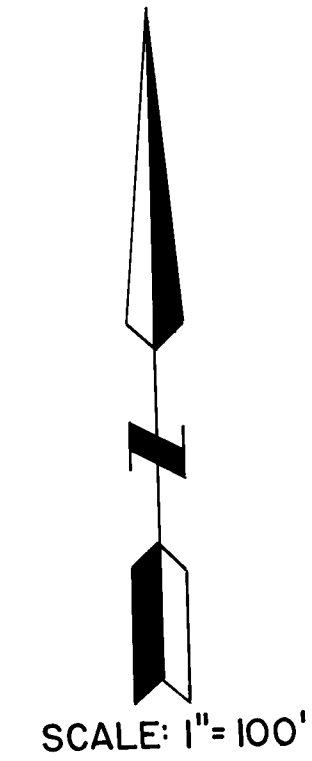
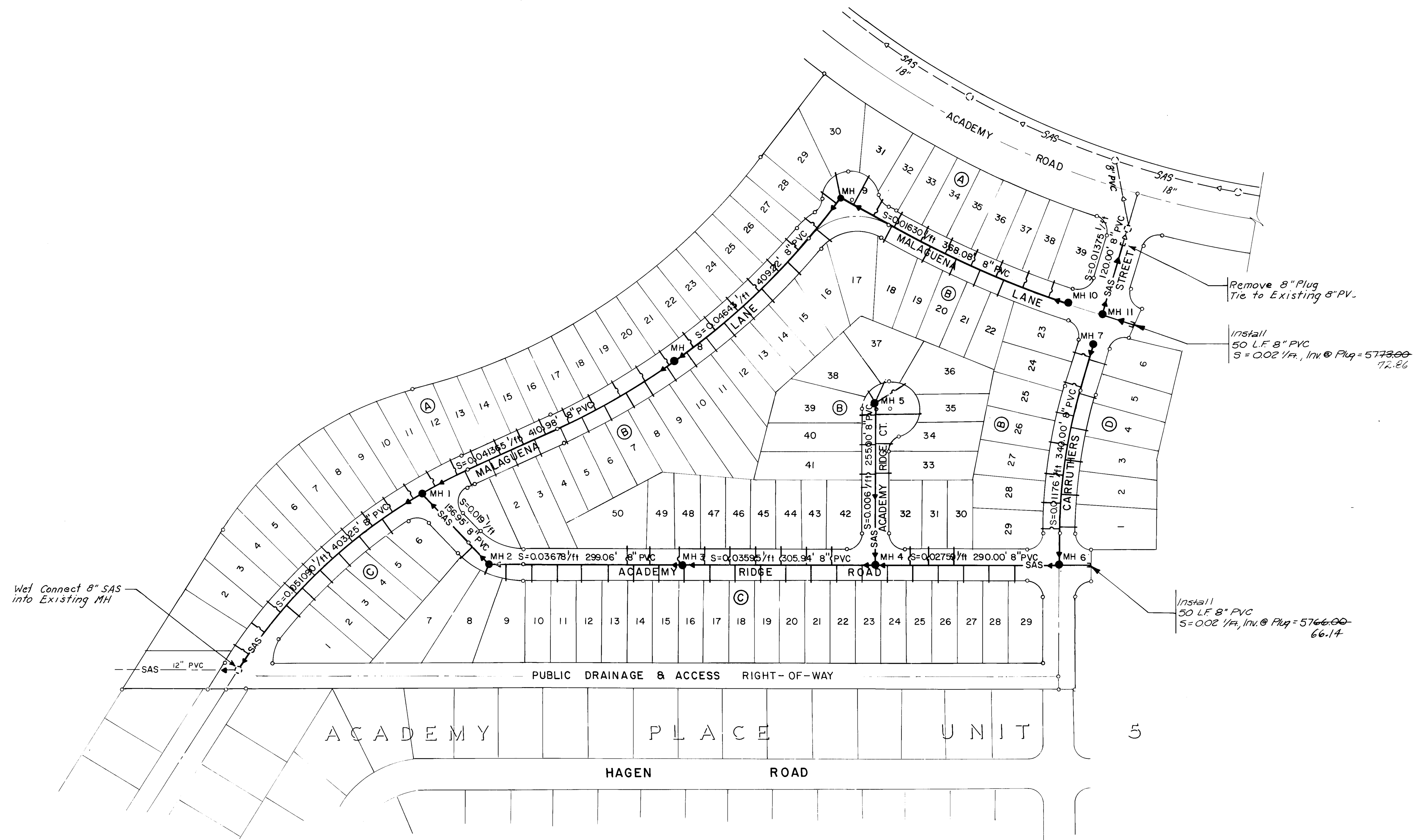


EROSION CONTROL BERM
 (TO BE PLACED ACROSS EACH LOT @ STREET SIDE)
 NO SCALE

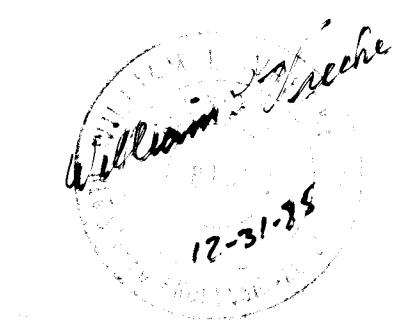
SCALE 1"=50'



ENGINEER'S SEAL			SURVEY INFORMATION			BENCH MARKS			AS-BUILT INFORMATION		
			FIELD NOTES			ACS Brass Cap '6-E22" Elev. 5934.53			CONTRACTOR <i>W.C. Lane</i>		
			NO.	BY	DATE	Location 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			WORK ORDER NO. <i>7763</i> INSPECTORS STATED BY <i>W.C. Lane</i> DATE <i>7/23/85</i> FIELD VERIFICATION BY <i>W.C. Lane</i> DATE <i>7/23/85</i> CORRECTED BY <i>W.C. Lane</i> DATE <i>7/23/85</i>		
									MICRO-FILM INFORMATION		
									RECORDED BY _____ NO. _____		



NOTE:
The Contractor is to Field Verify all Existing Utility Locations and Notify the Engineer Immediately of any Discrepancies.



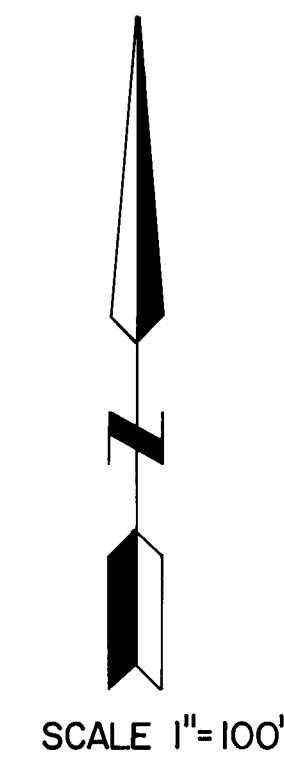
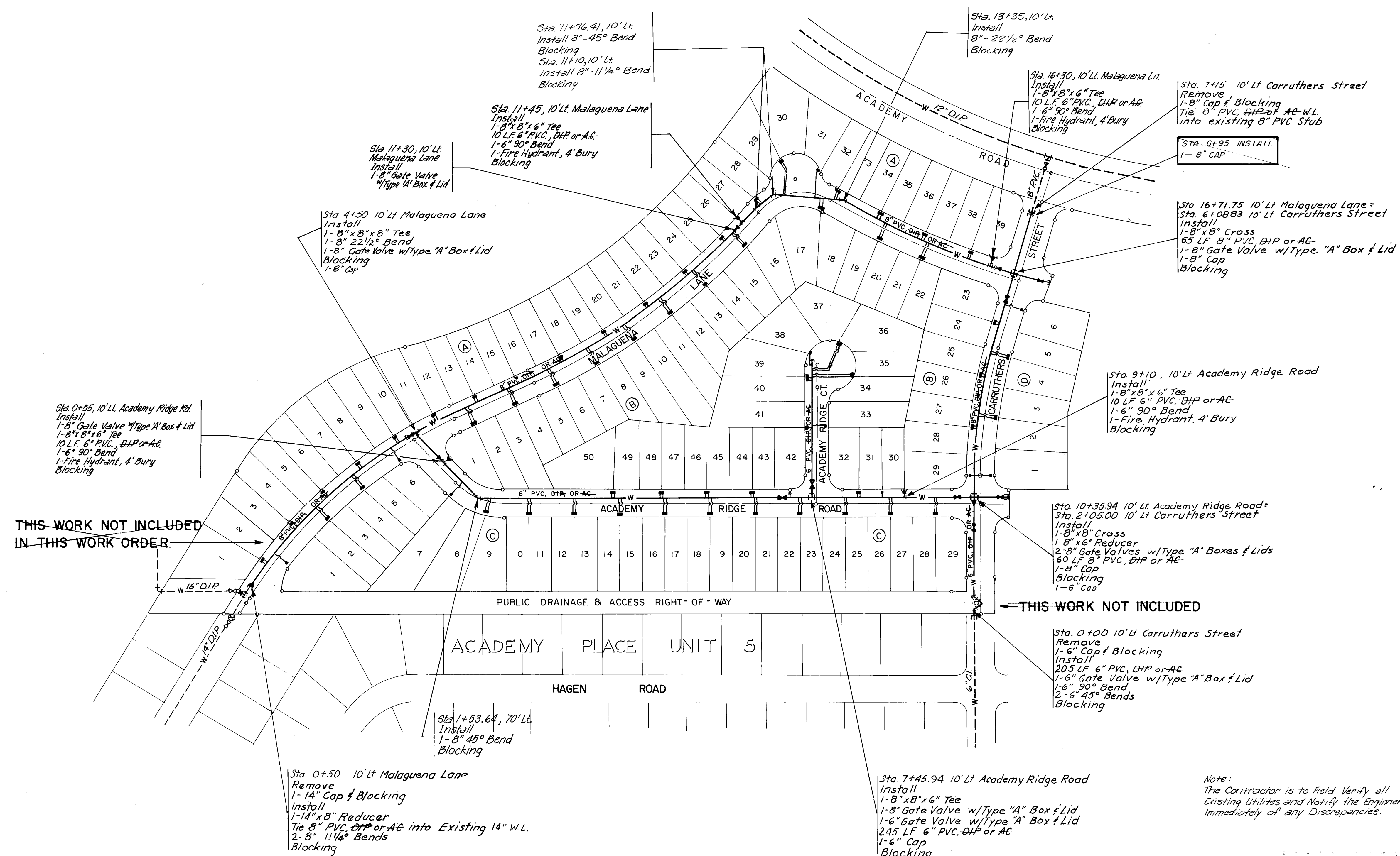
RECORD DRAWINGS

DATE 12/85

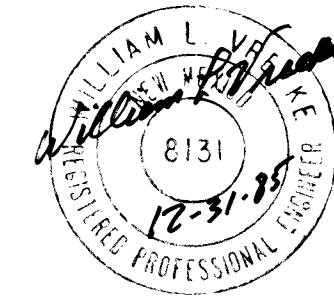
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: ACADEMY RIDGE EAST PHASE I SANITARY SEWER PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	6/2/85	Liquid Waste	<i>[Signature]</i>	5/29/85
A.C.E. - Design	<i>[Signature]</i>	6/17/85	Traffic	<i>[Signature]</i>	5/29/85
Hydrology	<i>[Signature]</i>	6/29/85	Water	<i>[Signature]</i>	5/29/85
DRAWING NO. 2289		MAP NO. E-21		SHEET 9 OF 19	

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
 5-2385	KLD BY	NO. BY DATE	FIELD NOTES	ACS Brass Cap "6-E22" Location is 1.2 miles East of the Intersection of Academy Road NE & Eubank Blvd, N.E. Station is then 315 South on the South Rim of the Bear Canyon Tributary.	Elev 5934.53 Location is 1.2 miles East of the Intersection of Academy Road NE & Eubank Blvd, N.E. Station is then 315 South on the South Rim of the Bear Canyon Tributary.	CONTRACTOR DATE INSPECTORS DATE ACCEPTANCE BY DATE VERIFICATION BY DATE CORRECTED BY DATE MICRO-FILM DATE RECORDED BY DATE NO	INFORMATION

26 2289 01986



				ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
				 J. J. Smith		FIELD NOTES		ACS Brass Cap "6-E22" Elev. 5934.53 Location 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 Arm of the Bear Canyon Tributary.		CONSTRUCTION <i>W.C. Lee</i> WORK STAKED BY <i>W.C. Lee</i> DATE <i>7/23/85</i> INSPECTED BY <i>W.C. Lee</i> DATE <i>7/23/85</i> FIELD VERIFICATION BY <i>W.C. Lee</i> DATE <i>7/23/85</i> CORRECTED BY <i>W.C. Lee</i> DATE <i>7/23/85</i> MICRO-FILM INFORMATION RECORDED BY DATE NO.	
						NO.	BY				
DESIGNED BY	KLD	DATE	1/785								
DRAWN BY	LAD	DATE	2/85								
CHECKED BY	KLD	DATE	5/85								





CITY OF ALBUQUERQUE

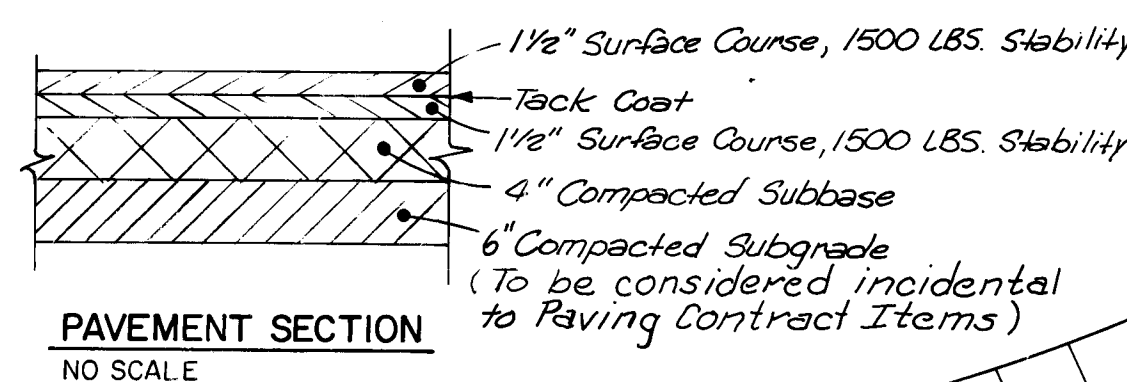
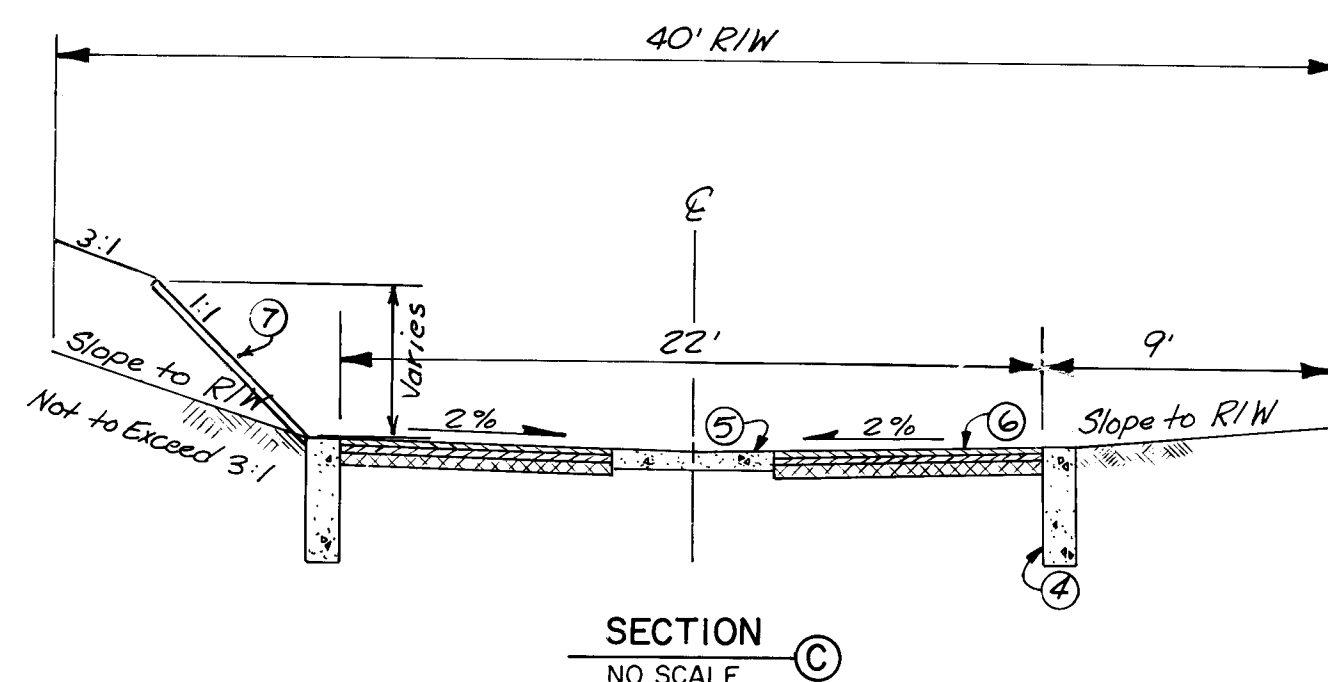
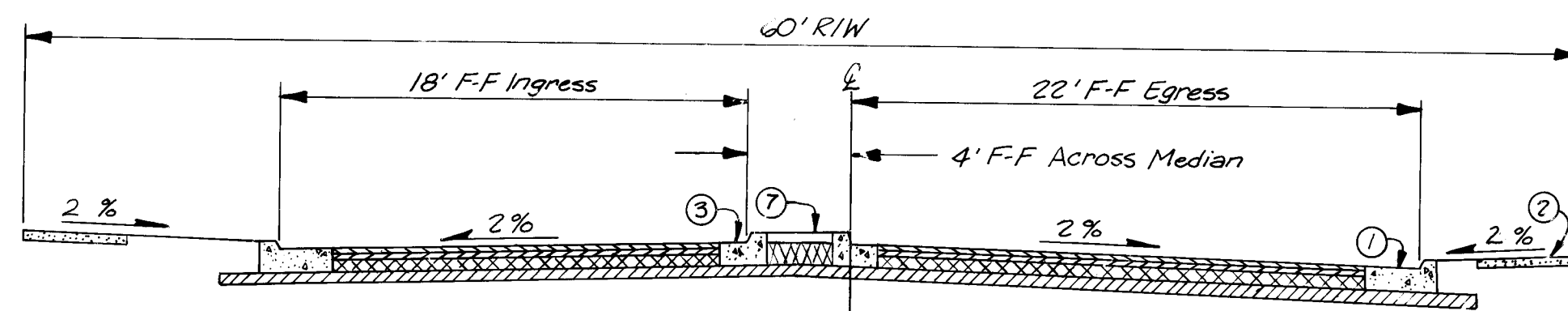
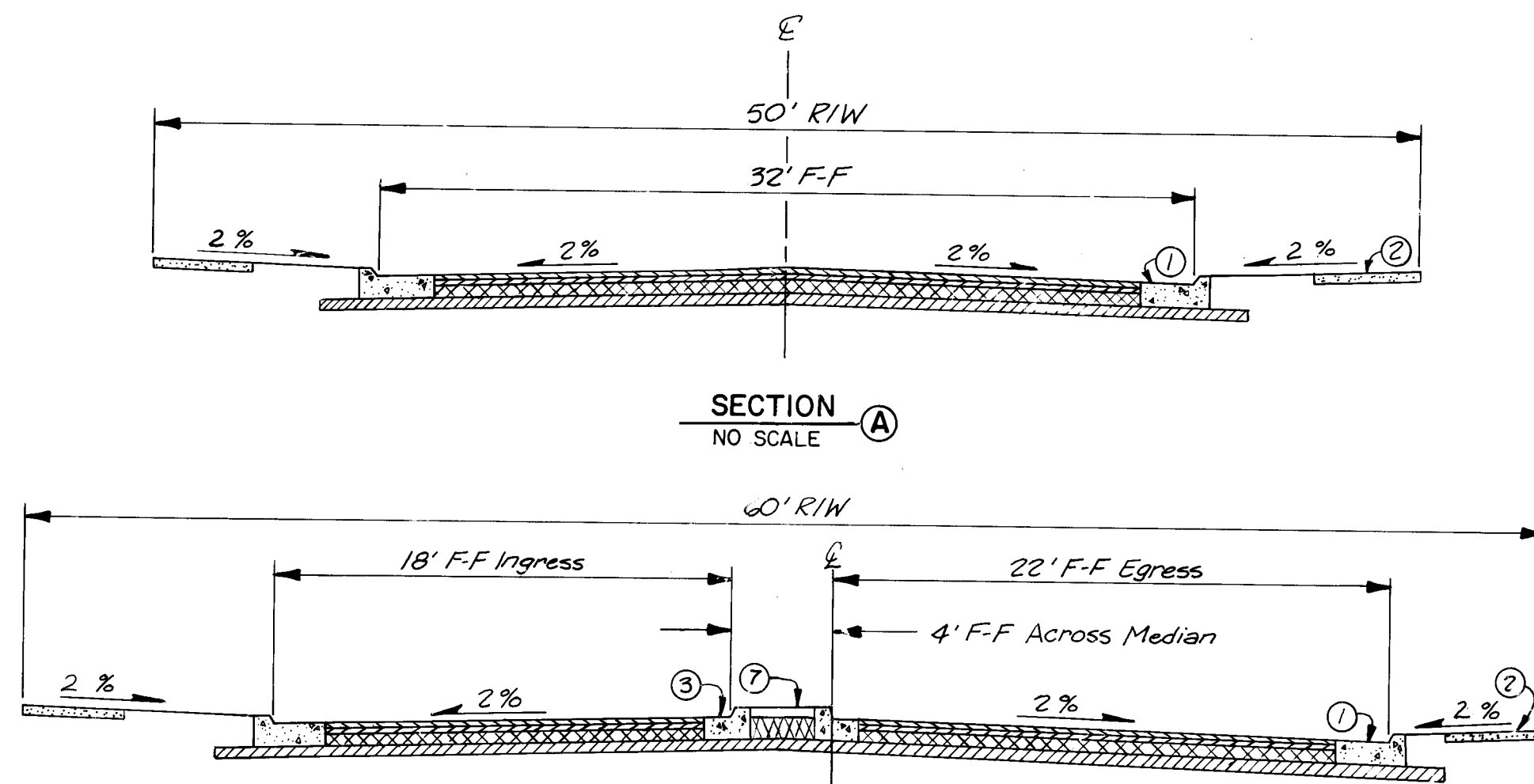
MUNICIPAL DEVELOPMENT DEPARTMENT

ENGINEERING DIVISION

TITLE: ACADEMY RIDGE EAST PHASE I
WATER DISTRIBUTION PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>William G. Rabe</i>	<i>6/21/85</i>	Liquid Waste	<i>William G. Rabe</i>	<i>5/29/85</i>
A C E - Design	<i>480 km</i>	<i>6/17/85</i>	Traffic	<i>N.A. DWH</i>	<i>5/29/85</i>
Hydrology	<i>N.A. BJA</i>	<i>5/29/85</i>	Water	<i>William G. Rabe</i>	<i>5/29/85</i>

DRAWING NO.	2289	MAP NO. E-21	SHEET 8	OF 19
----------------	------	-----------------	------------	----------



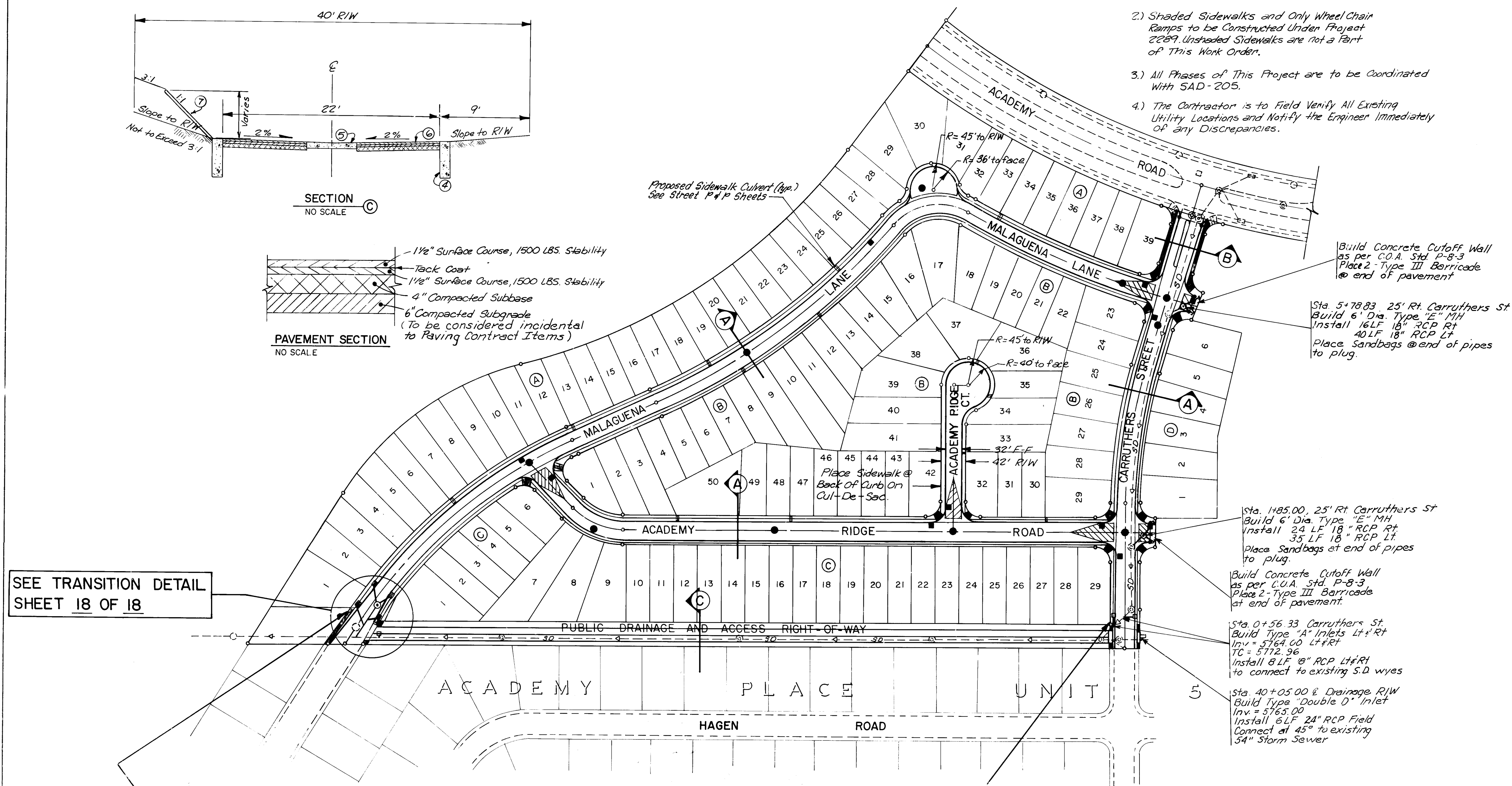
- NOTES:**
- ① Standard 8" Barrier Curb & Gutter
 - ② 4' Sidewalk, 4" Thick (Typ.)
 - ③ Standard 6" Median Curb & Gutter
 - ④ 6"x18" R.C.G. Header Curb
 - ⑤ Standard Alley Gutter
 - ⑥ All Streets & Alleys Use Standard Residential Pavement Section
 - ⑦ 4" thick Patterned Concrete, 4"x8" Running Bond Brick
- See City of Albug. Public Works Contract, Section 346 for Specifications.

LEGEND

- PROPOSED MANHOLE
 - PROPOSED WATER VALVE
 - EXISTING MANHOLE
 - EXISTING WATER VALVE
 - ⊗ EXISTING STORM DRAIN MANHOLE
 - ▨ SIDEWALK CULVERT AS PER COA STD. K-16-1
- 50' Wheel Chair Ramp City Std. Dwg. P-17-1
Valley Gutter City Std. Dwg. P-9-2
Flatten Crown Area (Typical)
- PROPOSED STORM DRAIN MANHOLE
▨ PROPOSED STORM DRAIN INLET

SCALE: 1"=100'

- NOTES:**
- 1.) All Curb Return Radii Shall Be 25' Unless Otherwise Specified.
 - 2.) Shaded Sidewalks and Only Wheel Chair Ramps to be Constructed Under Project 2289. Unshaded Sidewalks are not a Part of This Work Order.
 - 3.) All Phases of This Project are to be Coordinated with SAD-205.
 - 4.) The Contractor is to Field Verify All Existing Utility Locations and Notify the Engineer Immediately of any Discrepancies.



RECORD DRAWINGS
DATE 12/85

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
 5-23-85		FIELD NOTES		ALCS Brass Cap "6-E22" Location is 1.2 miles East of the Intersection of Academy Road N.E. & Eubank Blvd. N.E. Station is then 375' South on the South Arm of the Bear Canyon Tributary.		CONTRACT NO. 2289 DRAWINGS DATE 12/85 MICRO-FILM INFORMATION	
		NO BY					
DESIGN		REVISIONS					
DESIGNED BY KLD		DATE 1/85					
DRAWN BY JAJ		DATE 2/85					
CHECKED BY KLD		DATE 5/85					

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: ACADEMY RIDGE EAST PHASE I STREET PAVING LAYOUT					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	W. G. Pineda	6/24/85	Liquid Waste	William G. Pineda	5/29/85
A.C.E. Design	W. G. Pineda	6/24/85	Traffic	William G. Pineda	5/29/85
Hydrology	N.A. B.G.A.	5/29/85	Water	William G. Pineda	5/29/85
DRAWING NO	2289	MAP NO.	E-21	SHEET	7 OF 19

SUBDIVISION PLAT MAP FOR

UNIT ONE
ACADEMY RIDGE EAST

WITHIN PROJECTED SECTIONS 27 AND 28, T11N, R4E, N.M.P.M.

ALBUQUERQUE, NEW MEXICO
JANUARY 1985 SCALE: 1" = 50'

SURVEYOR'S CERTIFICATION

I, A. Dwain Weaver, under the laws of New Mexico, certify that I am a registered Land Surveyor, and 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
N.M.L.S. No. 6544
Bohannon-Huston Inc.
125 Carlisle Blvd., N.E.
Albuquerque, NM 87107

State of New Mexico)
County of Bernalillo) ss

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

Dwain W. Weaver
Notary Public

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

SHEET 5 OF 5 SHEETS

Job No. 41442

SUBDIVISION PLAT MAP FOR
UNIT ONE
ACADEMY RIDGE EAST
WITHIN PROJECTED SECTIONS 27 and 28, T11N, R4E, N.M.P.M.

ALBUQUERQUE, NEW MEXICO
JANUARY 1985 SCALE: 1" = 50'

C28
132

— 5' Private Drainage Easement Across Lots 25 - 29, Inclusive.

— 12' x 15' Switch Gear Easement

10' Utility Easement (Not To Be Part Of Drainage Esmt.)

G25

5' Private Drainage Easement Across Lots 31, 32 & 33, Lots 35-38, And The Westerly Five (5) Feet Of Lot 35.

G25

SURVEYOR'S CERTIFICATION

I, A. Dwain Weaver, under the laws of New Mexico, certify that I am a registered Land Surveyor, and 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. Dwan Weaver
A. Dwan Weaver
N.M.P.L.S. No. 6544 Bohannon-Huston Inc.
4125 Carlisle Blvd., N.E.
Albuquerque, NM 87107

State of New Mexico)
County of Bernalillo)
ss

The foregoing instrument was acknowledged before me this day of February, 1985, by A. Dwain Weaver. 5th

Charles W. J. J. J.
Notary Public

2/23/86

Job No. 41442

SHEET 5 OF 5 SHEETS

C28-132-5

PROJECT NUMBER 2289 SHEET 6 OF 19

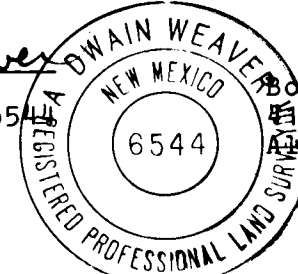
C28-132-4

SUBDIVISION PLAT MAP FOR 88 00950
UNIT ONE
ACADEMY RIDGE EAST
WITHIN PROJECTED SECTIONS 27 and 28, T11N, R4E, N.M.P.M.
ALBUQUERQUE, NEW MEXICO
JANUARY 1985 SCALE 1"=50'

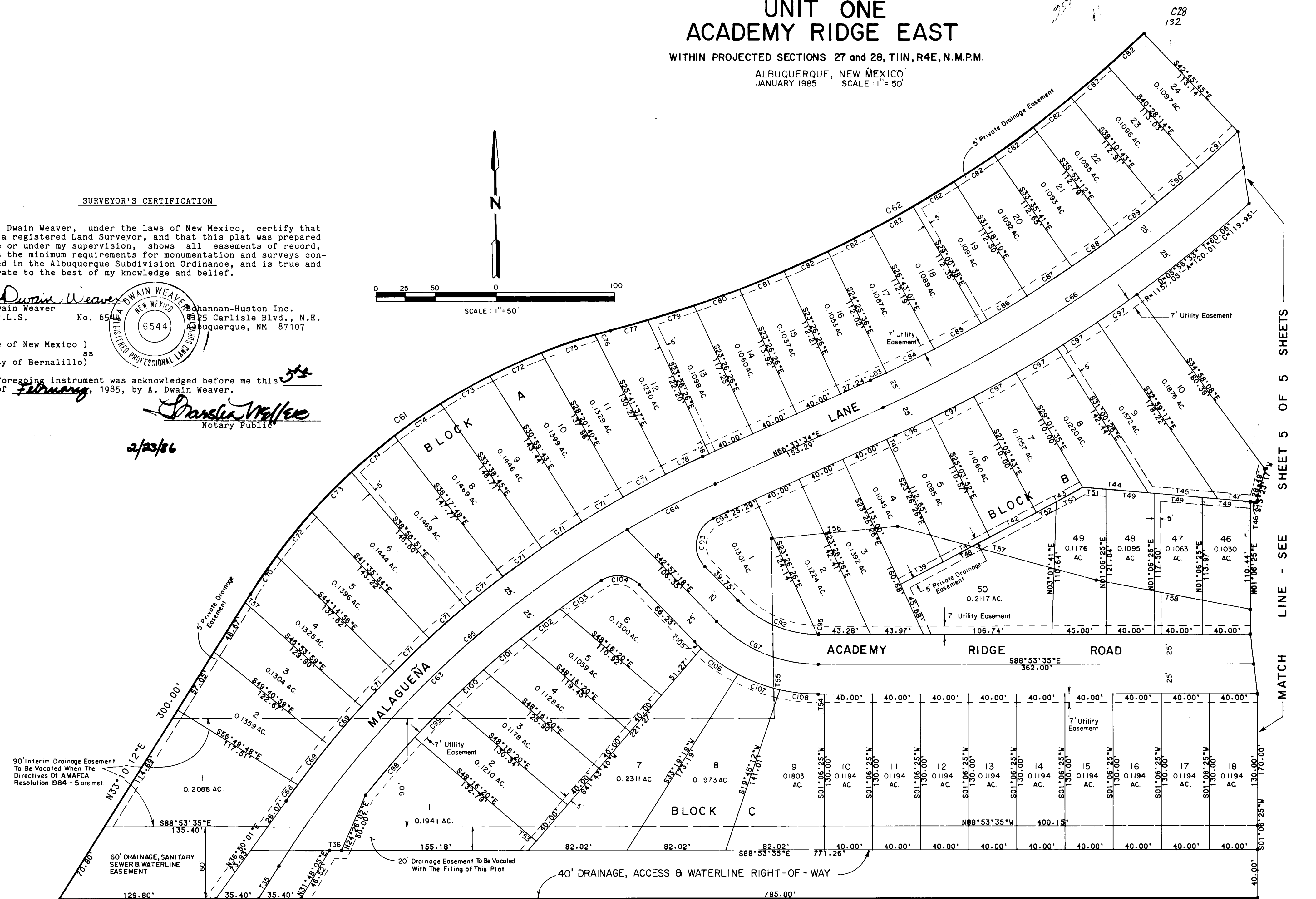
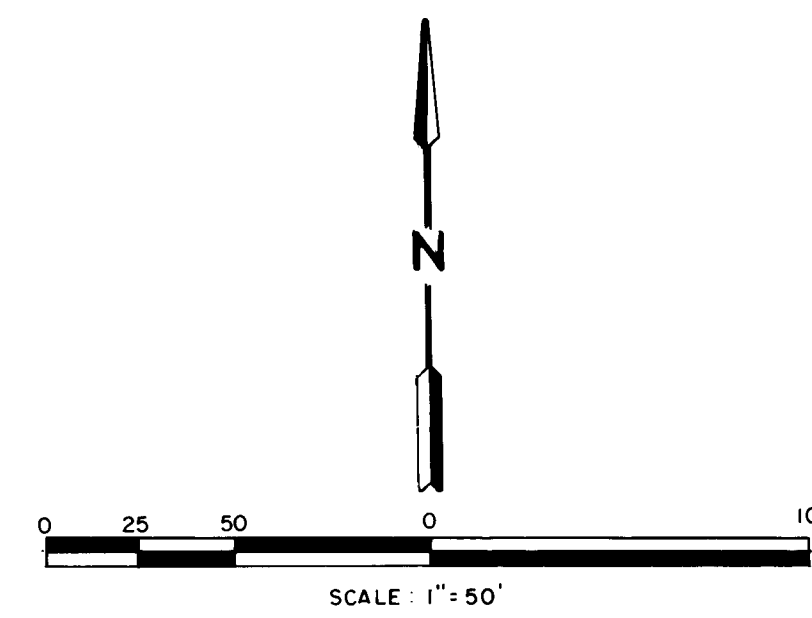
SURVEYOR'S CERTIFICATION

I, A. Dwain Weaver, under the laws of New Mexico, certify that I am a registered Land Surveyor, and 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
N.M.P.L.S. No. 6544
State of New Mexico)
County of Bernalillo)
The foregoing instrument was acknowledged before me this day of February, 1985, by A. Dwain Weaver.



Notary Public
2/23/86



1 2 3 4 5 6 7 8 9 10 11 12
26 22 8 9 0 5 8 6

SHEET 4 OF 5 SHEETS

PROJECT NUMBER 2289
SHEET 5 OF 19

Job No. 41442



C28-132-3

SUBDIVISION PLAT MAP FOR
UNIT ONE
ACADEMY RIDGE EAST
WITHIN PROJECTED SECTIONS 27 AND 28, T11N, R4E, N.M.P.M.
ALBUQUERQUE, NEW MEXICO
JANUARY 1985

TABLES FOR SHEETS 4 AND 5 ONLY

CURVE TABLE					
NR.	RADIUS	ARC	CHORD	DELTA	TANGENT
C1	1006.00'	137.01'	156.85'	08°59'46"	78.67'
C2	1485.40'	592.71'	588.78'	22°51'44"	300.35'
C3	1132.05'	140.09'	140.00'	07°05'25"	70.13'
C4	100.00'	138.33'	127.56'	79°15'21"	82.81'
C5	1630.40'	367.02'	366.25'	12°53'52"	184.29'
C6	797.36'	228.42'	227.64'	16°24'50"	115.00'
C7	25.00'	38.34'	34.89'	87°51'43"	24.08'
C8	25.00'	40.14'	35.87'	91°59'40"	25.89'
C9	25.00'	38.53'	34.83'	86°17'42"	24.27'
C10	25.00'	39.27'	35.36'	90°00'00"	25.00'
C11	25.00'	24.39'	23.43'	55°53'41"	13.28'
C12	1485.40'	54.08'	54.08'	02°05'10"	27.04'
C13	1000.00'	40.00'	40.00'	02°17'51"	20.00'
C14	1107.05'	44.53'	44.53'	02°18'17"	22.27'
C15	1107.05'	44.53'	44.53'	02°18'18"	22.27'
C16	125.00'	13.88'	13.88'	08°18'52"	6.85'
C17	1107.05'	30.89'	30.88'	01°35'52"	15.44'
C18	1000.00'	37.00'	37.00'	02°07'12"	18.50'
C19	25.00'	21.46'	20.81'	49°10'38"	11.44'
C20	125.00'	24.43'	24.39'	11°11'57"	12.28'
C21	45.00'	39.23'	38.00'	49°57'00"	20.96'
C22	25.00'	2.93'	2.93'	06°43'03"	1.47'
C23	1485.40'	78.76'	78.76'	03°02'17"	39.39'
C24	45.00'	44.81'	42.88'	57°03'33"	24.46'
C25	1485.40'	89.61'	89.60'	03°27'24"	44.82'
C26	45.00'	43.70'	42.00'	53°38'11"	23.74'
C27	1485.40'	40.08'	40.08'	01°32'37"	20.01'
C28	1805.40'	4.61'	4.61'	00°09'53"	2.31'
C29	125.00'	14.25'	14.24'	06°31'51"	7.13'
C30	45.00'	3.45'	3.45'	04°23'41"	1.73'
C31	1805.40'	43.23'	43.23'	01°32'35"	21.82'
C32	1485.40'	36.01'	36.00'	01°23'20"	18.00'
C33	1805.40'	41.50'	41.50'	01°28'52"	20.75'
C34	1187.05'	40.00'	40.00'	01°58'51"	20.00'
C35	1187.05'	40.01'	40.00'	01°58'52"	20.01'
C36	1157.05'	59.36'	59.35'	02°56'58"	29.79'
C37	75.00'	13.64'	13.82'	10°38'45"	6.99'
C38	1187.05'	60.49'	60.43'	02°59'44"	30.25'
C39	75.00'	86.38'	81.68'	63°59'13"	48.69'
C40	75.00'	3.43'	3.43'	02°37'23"	1.72'
C41	1855.40'	67.32'	67.32'	02°9'49"	33.67'
C42	1855.40'	44.20'	44.20'	01°31'48"	22.10'
C43	1855.40'	42.96'	42.96'	01°29'13"	21.48'
C44	1855.40'	40.00'	40.00'	01°23'04"	20.00'
C45	1855.40'	88.90'	88.89'	03°04'37"	44.48'
C46	822.36'	7.00'	7.00'	00°29'16"	3.50'
C47	822.36'	48.01'	48.00'	03°20'41"	24.01'
C48	822.36'	36.56'	36.56'	02°32'50"	18.28'
C49	85.00'	1.45'	1.45'	03°19'55"	.73'
C50	25.00'	28.82'	28.09'	66°21'01"	16.97'
C51	45.00'	35.57'	34.66'	45°11'40"	18.78'
C52	45.00'	47.23'	45.08'	60°06'12"	26.05'
C53	45.00'	30.00'	29.45'	38°11'50"	15.58'
C54	45.00'	33.17'	32.43'	42°14'12"	17.38'
C55	45.00'	21.69'	21.48'	27°37'12"	11.06'
C56	1855.40'	87.25'	87.24'	03°01'12"	43.64'
C57	772.36'	54.34'	54.33'	04°01'51"	27.18'
C58	772.36'	54.01'	54.00'	04°00'24"	27.02'
C59	772.36'	54.59'	54.58'	04°03'00"	27.31'
C60	772.36'	47.88'	47.88'	03°53'08"	23.95'

CURVE TABLE					
NR.	RADIUS	ARC	CHORD	DELTA	TANGENT
C61	500.00'	379.28'	370.23'	43°27'34"	189.27'
C62	1000.00'	512.99'	507.58'	28°23'31"	282.27'
C63	839.87'	407.02'	403.05'	27°48'24"	207.59'
C64	839.87'	82.30'	82.27'	05°36'58"	41.18'
C65	839.87'	489.32'	482.43'	33°23'22"	251.83'
C66	1132.05'	381.70'	380.18'	18°18'23"	182.40'
C67	117.87'	94.58'	92.07'	45°56'17"	50.00'
C68	864.87'	16.82'	16.82'	01°06'53"	8.41'
C69	864.87'	42.00'	42.00'	02°47'00"	21.01'
C70	500.00'	38.03'	38.04'	04°21'37"	19.03'
C71	864.87'	40.00'	40.00'	02°38'03"	20.01'
C72	500.00'	46.85'	46.83'	05°22'06"	23.44'
C73	500.00'	46.84'	46.83'	05°22'04"	23.44'
C74	500.00'	46.84'	46.82'	05°22'03"	23.44'
C75	500.00'	46.86'	46.84'	05°22'06"	23.45'
C76	500.00'	13.28'	13.28'	01°31'30"	6.64'
C77	1000.00'	32.48'	32.47'	01°51'39"	16.24'
C78	864.87'	34.00'	34.00'	02°15'11"	17.00'
C79	1000.00'	40.31'	40.31'	02°18'34"	20.16'
C80	1000.00'	40.14'	40.14'	02°18'00"	20.07'
C81	1000.00'	40.04'	40.04'	02°17'38"	20.02'
C82	1000.00'	40.00'	40.00'	02°17'31"	20.00'
C83	1107.05'	14.89'	14.89'	00°45'37"	7.35'
C84	1107.05'	44.48'	44.48'	02°18'08"	22.28'
C85	1107.05'	44.48'	44.48'	02°18'10"	22.28'
C86	1107.05'	44.50'	44.50'	02°18'11"	22.28'
C87	1107.05'	44.51'	44.50'	02°18'12"	22.28'
C88	1107.05'	44.51'	44.51'	02°18'13"	22.28'
C89	1107.05'	44.52'	44.51'	02°18'14"	22.28'
C90	1107.05'	44.52'	44.52'	02°18'15"	22.28'
C91	1107.05'	44.53'	44.52'	02°18'16"	22.27'
C92	82.87'	71.82'	73.85'	45°30'41"	39.00'
C93	25.00'	47.38'	40.60'	108°33'08"	34.78'
C94	814.87'	13.20'	13.20'	00°55'43"	6.60'
C95	82.87'	.68'	.68'	00°25'36"	.35'
C96	1157.05'	32.80'	32.79'	01°37'26"	16.40'
C97	1157.05'	40.00'	40.00'	01°58'51"	20.00'
C98	814.87'	63.31'	63.28'	04°27'08"	31.67'
C99	814.87'	40.08'	40.08'	01°48'08"	20.04'
C100	814.87'	40.25'	40.25'	02°49'51"	20.13'
C101	814.87'	40.52'	40.52'	02°51'00"	20.27'
C102	814.87'	40.90'	40.90'	02°52'36"	20.46'
C103	814.87'	41.50'	41.49'	02°55'06"	20.75'
C104	25.00'	34.44'	31.78'	78°55'20"	20.58'
C105	142.97'	8.00'	8.00'	03°12'22"	4.00'
C106	142.97'	37.21'	37.10'	14°54'42"	18.71'
C107	142.97'	37.21'	37.11'	14°54'43"	18.71'
C108	142.97'	32.21'	32.14'	12°54'30"	16.17'
C109	100.00'	76.71'	76.70'	45°06'00"	41.52'
C110	100.00'	59.61'	59.74'	34°09'22"	30.72'
C111	25.00'	38.38'	34.72'	87°57'52"	24.13'
C112	1485.40'	40.02'	40.01'	01°32'37"	20.01'
C113	1485.40'	40.02'	40.01'	01°32'36"	20.01'
C114	1485.40'	54.12'	54.12'	02°09'16"	27.06'
C115	772.36'	10.44'	10.44'	00°46'20"	5.22'

TANGENT TABLE	
NR.	BEARING
T1	8.08' N38°17'17"E
T2	28.48' S15°23'17"W
T3	58.40' S15°23'17"W
T4	55.36' S15°23'17"W
T5	44.03' S48°59'03"W
T6	40.00' S48°59'03"W
T7	34.30' S48°59'03"W
T8	21.48' N67°06'28"W
T9	22.00' S48°59'03"W
T10	31.61' N67°06'28"W
T11	40.00' N67°06'28"W
T12	42.06' N67°06'28"W
T13	51.94' N67°06'28"W
T14	2.97' N12°21'18"E
T15	54.57' N12°27'23"E
T16	54.43' N12°18'34"E
T17	54.65' N12°18'34"E
T18	11.31' N12°18'34"E
T19	28.00' S88°53'35"E
T20	45.87' N12°18'34"E
T21	45.88' N12°13'03"E
T22	17.24' S12°27'23"W
T23	28.65' S12°27'23"W
T24	120.00' S87°06'28"E
T25	37.33' S12°27'23"W
T26	38.00' N48°59'03"E
T27	107.09' S87°06'28"E
T28	110.00' N48°59'03"E
T29	20.00' S01°06'25"W
T30	49.37' N15°23'17"E
T31	32.32' N48°59'03"E
T32	46.43' N15°23'17"E
T33	5.02' N83°50'52"W
T34	10.44' N17°06'01"E
T35	32.00' N33°10'12"E
T36	10.00' S88°53'35"E
T37	8.79' N33°10'12"E
T38	6.06' S84°33'34"W
T39	40.07' S63°11'39"W
T40	8.00' N66°13'34"E
T41	44.00' S63°11'39"W
T42	43.82' S63°11'39"W
T43	43.90' S61°57'51"W
T44	54.85' N83°50'52"W
T45	57.81' N83°50'52"W
T46	5.02' S83°50'52"E
T47	32.15' N83°50'52"W
T48	127.89' S63°11'39"W
T49	40.18' S83°50'52"E
T50	25.00' N61°57'51"E
T51	18.50' N61°57'51"E
T52	18.80' N61°57'51"E
T53	10.00' S41°43'40"W
T54	5.00' S88°53'35"E
T55	149.99' N00°10'12"E
T56	105.34' N85°37'52"E
T57	171.0' S73°38'48"E
T58	130.48' S78°05'18"E
T59	25.00' N03°44'15"W
T60	54.72' S26°27'41"E
T61	34.65' S61°27'06"W

SURVEYOR'S CERTIFICATION

I, A. Dwain Weaver, under the laws of New Mexico, certify that I am a registered Land Surveyor, and 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
N.M.P.L.S. No. 6544
State of New Mexico)
County of Bernalillo) ss

The foregoing instrument was acknowledged before me this 5th day of February, 1985, by A. Dwain Weaver.
Notary Public

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

SHEET 3 OF 5 SHEETS

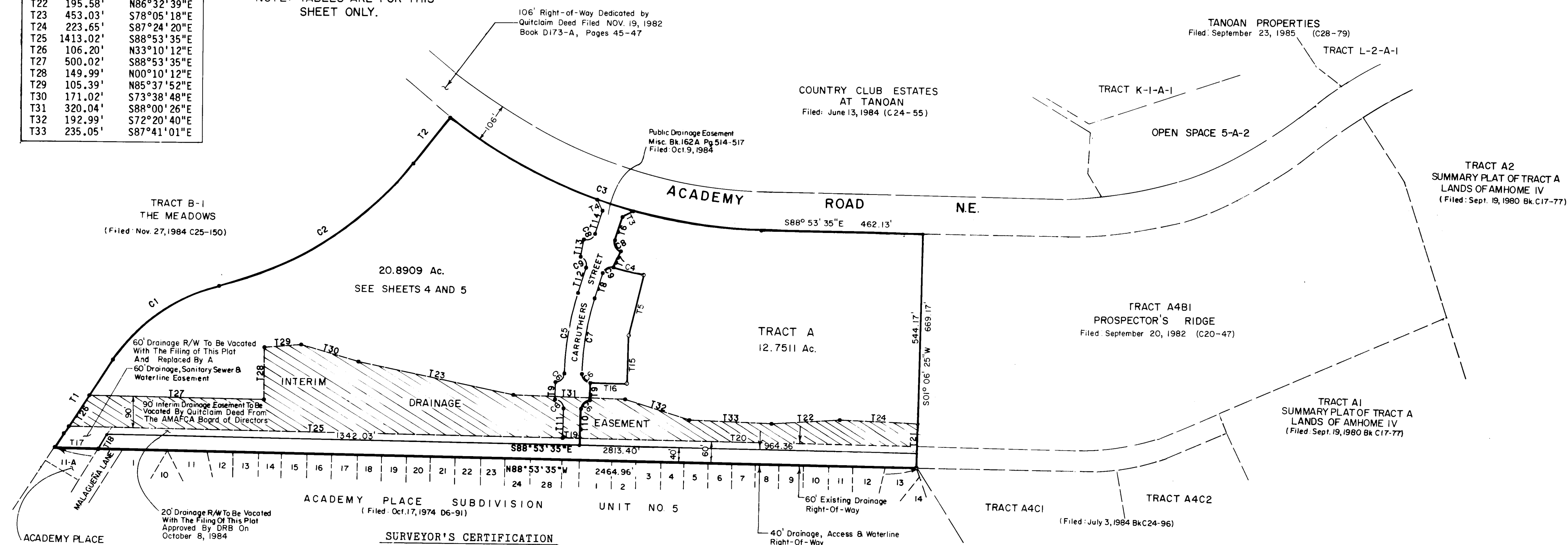
C28-132-3

C28-132-820

TANGENT TABLE		
NR.	DISTANCE	BEARING
T1	300.00'	N33°10'12"E
T2	166.85'	N38°17'17"E
T3	34.69'	S61°27'06"W
T4	34.72'	N26°27'41"W
T5	179.08'	N14°05'57"E
T6	69.70'	S17°31'15"W
T7	50.67'	S25°01'14"W
T8	76.15'	S17°31'15"W
T9	50.00'	N01°06'25"E
T10	105.00'	S01°06'25"W
T11	85.00'	N01°06'25"E
T12	76.15'	N17°31'15"E
T13	50.67'	N10°01'16"E
T14	70.04'	N17°31'15"E
T15	139.00'	N01°06'25"E
T16	103.00'	S88°53'35"E
T17	129.80'	N88°53'35"W
T18	49.27'	S36°50'01"W
T19	50.00'	N88°53'35"W
T20	964.36'	N88°53'35"W
T21	85.00'	N01°06'25"E
T22	195.58'	N86°32'39"E
T23	453.03'	S78°05'18"E
T24	223.65'	S87°24'20"E
T25	1413.02'	S88°53'35"E
T26	106.20'	N33°10'12"E
T27	500.02'	S88°53'35"E
T28	149.99'	N08°10'12"E
T29	105.39'	N85°27'52"E
T30	171.02'	S73°38'48"E
T31	320.04'	S88°00'26"E
T32	192.99'	S72°20'40"E
T33	235.05'	S87°41'01"E

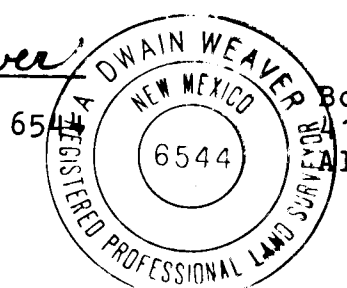
CURVE TABLE				
NR.	RADIUS	ARC	CHORD	DELTA
C1	500.00'	379.26'	370.23'	43°27'34"
C2	1000.00'	670.00'	657.54'	38°23'17"
C3	1485.40'	962.80'	946.04'	37°08'16"
C4	1655.40'	87.25'	87.24'	03°01'12"
C5	822.36'	235.59'	234.78'	16°24'50"
C6	25.00'	39.27'	35.36'	90°00'00"
C7	772.36'	221.26'	220.51'	16°24'50"
C8	25.00'	40.14'	35.97'	91°59'40"
C9	25.00'	38.53'	34.83'	88°17'42"

NOTE: TABLES ARE FOR THIS SHEET ONLY.



I, A. Dwain Weaver, under the laws of New Mexico, certify that I am a registered Land Surveyor, and 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
N.M.P.L.S. No. 6544
State of New Mexico ss
County of Bernalillo)
The foregoing instrument was acknowledged before me this 5th day of February 1985, by A. Dwain Weaver.



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

Notary Public
2/23/85

ACS Brass Cap "HARRY"
N.M. State Plane Coordinates (Central Zone)
X = 423,375.12
Y = 1,505,887.52
Elevation = 5868.41
ΔK = 00°08'51"
GROUND TO GRID FACTOR = 0.99962804

26 2 2 8 9 0 3 8 6

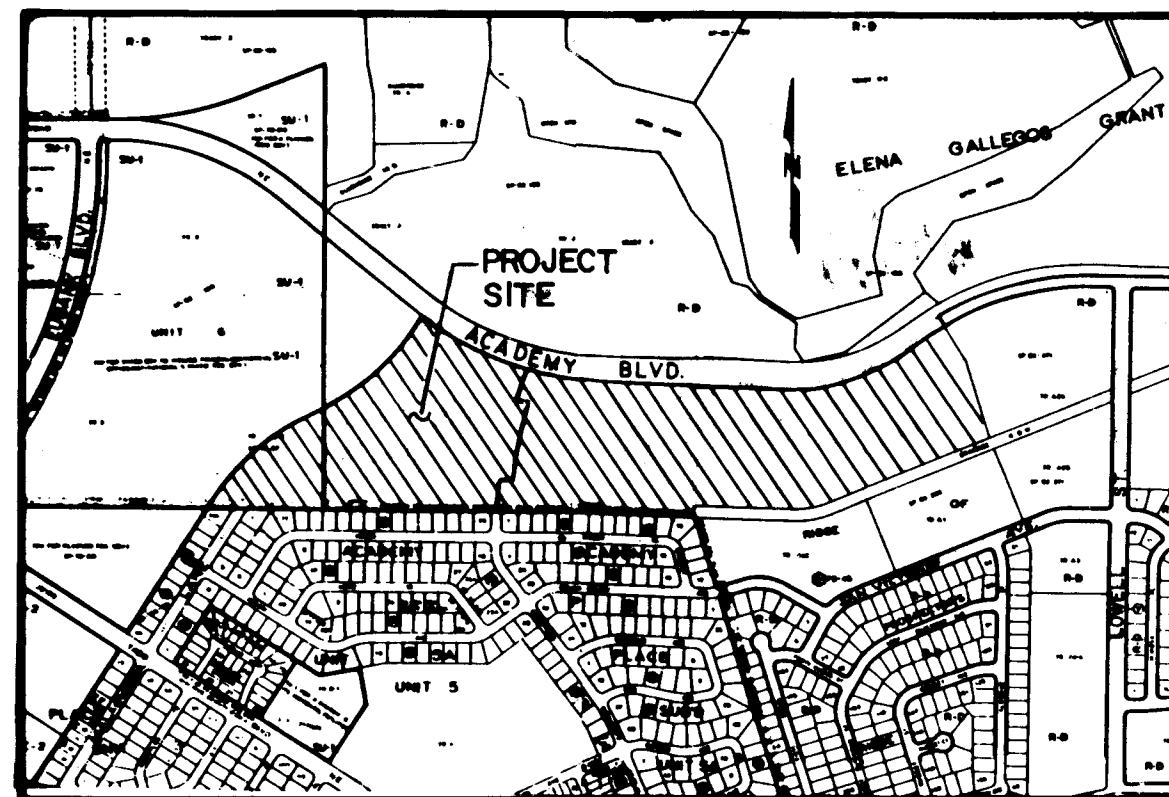
SHEET 2 OF 5 SHEETS

C28-132-2

PROJECT NUMBER
2289

SHEET 3 OF 19

1-281-820



LOCATION MAP
Zone Atlas Map No E-21-Z & 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 are shown in parenthesis.

SUBDIVISION DATA

1. DBB Number **S-84-23, DRB-84-212, V-84-41**
2. Zone Atlas Index No. E-21 and E-22.
3. Gross Subdivision Acreage: 35.7791 Acres.
4. Total Number of Tracts Created: 128 Tracts.
5. Total Mileage of Full-Width Streets Created: 0.710 mile.
6. Plat was prepared from existing Plats of Record.

APPROVALS

PLAT NUMBER	S-84-23
BOARDING DIRECTOR	<i>[Signature]</i> 10-16-85
CITY ENGINEER	<i>[Signature]</i> 10-15-85
A.M.P.C.A.	<i>[Signature]</i> 10-11-85
TRAFFIC ENGINEER	<i>[Signature]</i> 6-3-85
CITY SURVEYOR	<i>[Signature]</i> 5-30-85
PROPERTY MANAGEMENT	<i>[Signature]</i> 5-30-85
WATER RESOURCES DEPARTMENT	<i>[Signature]</i> 6-4-85
PARKS & RECREATION DEPARTMENT	<i>[Signature]</i> 6-4-85
PUBLIC SERVICE COMPANY OF NEW MEXICO	<i>[Signature]</i> 5-30-85
GAS COMPANY OF NEW MEXICO	<i>[Signature]</i> 5-30-85
MOUNTAIN WELL	<i>[Signature]</i> 5-30-85

SUBDIVISION PLAT MAP FOR 85 36959

UNIT ONE
ACADEMY RIDGE EAST

WITHIN PROJECTED SECTIONS 27 and 28, T11N, R4E, N.M.P.M.

ALBUQUERQUE, NEW MEXICO
JANUARY 1985

DESCRIPTION

A certain tract of land situate within projected Sections 27 and 28, T11N, R4E, N.M.P.M., within the Elena Gallegos Grant, City of Albuquerque, Bernalillo County, New Mexico, comprising Tract B-1, LANDS OF ANHOMIE IV filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 8, 1984 and being more particularly described by New Mexico State Plane Grid Bearings (Central Zone) and ground distances as follows:

BEGINNING at the southeast corner of the tract herein described, also being the southeast corner of said Tract B-1, whence the ACS Monument "HARRY", a brass tablet (having New Mexico State Plane Grid Coordinates, Central Zone: X = 423,375.12 and Y = 1,505,887.52) bears S30°57'31"E, 4223.92 feet and from said point of beginning running thence along the southerly boundary of said tract B-1, N88°53'35"W, 2464.96 feet to the southwest corner of said tract B-1; thence, N33°10'12"E, 300.00 feet to a point of curvature; thence, 379.26 feet along the arc of a curve to the right having a radius of 500.00 feet and a chord bearing N54°53'59"E, 370.23 feet to a point of reverse curvature; thence, 670.00 feet along the arc of a curve to the left having a radius of 1000.00 feet and a chord bearing N57°26'08"E, 657.54 feet to a point of non-tangency; thence, N38°17'17"E, 166.85 feet to the northwest corner of said tract B-1 also being a point on curve on 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-1, 962.80 feet along the arc of a curve to the left having a radius of 1485.40 feet and a chord bearing S70°19'27"E, 946.04 feet to a point of tangency; thence, S88°53'35"E, 462.13 feet to the northeast corner of said Tract B-1; thence leaving said right-of-way and continuing along the easterly boundary of said Tract B-1, S01°06'25"W, 669.17 feet to the point and place of beginning.

Tract contains 35.7731 acres, more or less.

DEDICATION

The subdivision of the land hereon shown is with the 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 grant all easements shown hereon. Electrical Power and Communication easements are reserved for buried distribution lines, conduits and pipes for underground utilities where shown or indicated, including the right of ingress and egress for construction and maintenance, and the right to trim interfering trees and shrubs. Future development of Tract A and Tract B will require additional PNM easements to serve future customers.

AMERIWEST CORPORATION

[Signature]
Allan L. Whitesel
Vice President, AmeriWest Corporation

State of New Mexico)
County of Bernalillo)

The foregoing instrument was acknowledged before me this 30th day of May, 1985, by Allan L. Whitesel, Vice President, AmeriWest Corporation, a New Mexico Corporation on behalf of said Company.

My Commission Expires: 10-11-88
[Signature]
Notary Public

10-11-88

SURVEYOR'S CERTIFICATION

I, A. Dwain Weaver, under the laws of New Mexico, certify that I am a registered Land Surveyor, and 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.

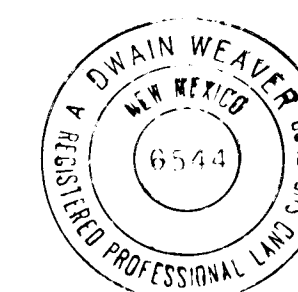
[Signature]
A. Dwain Weaver
A. Dwain Weaver
N.M.P.L.S. No. 6544

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

State of New Mexico)
County of Bernalillo)

The foregoing instrument was acknowledged before me this 2nd day of February, 1985, by A. Dwain Weaver.

[Signature]
Notary Public



1 2 3 4 5 6 7 8 9 10 11 12
26 22890286

SHEET 1 OF 5

C28-132

PROJECT NUMBER
2289