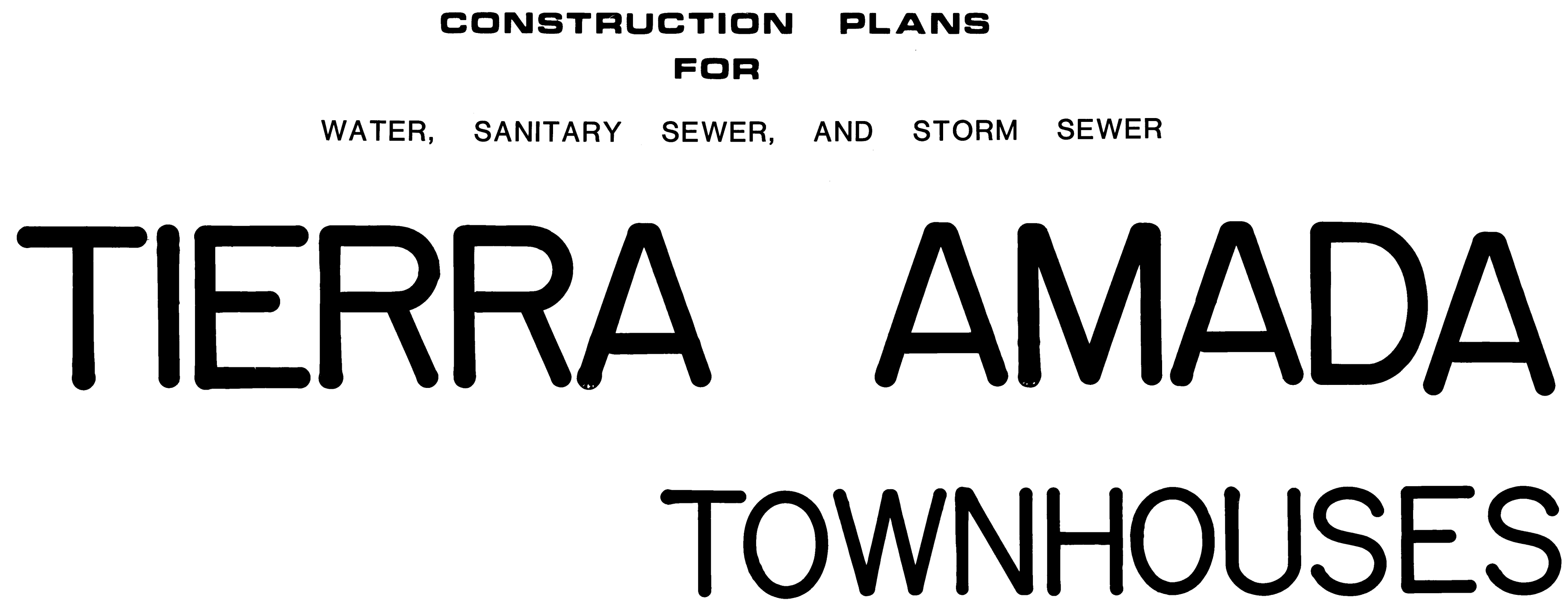
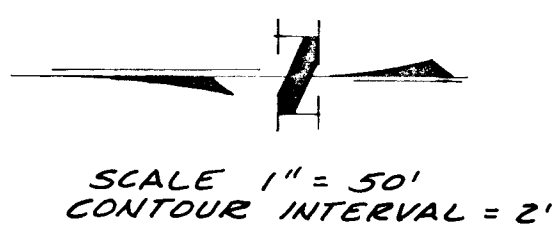
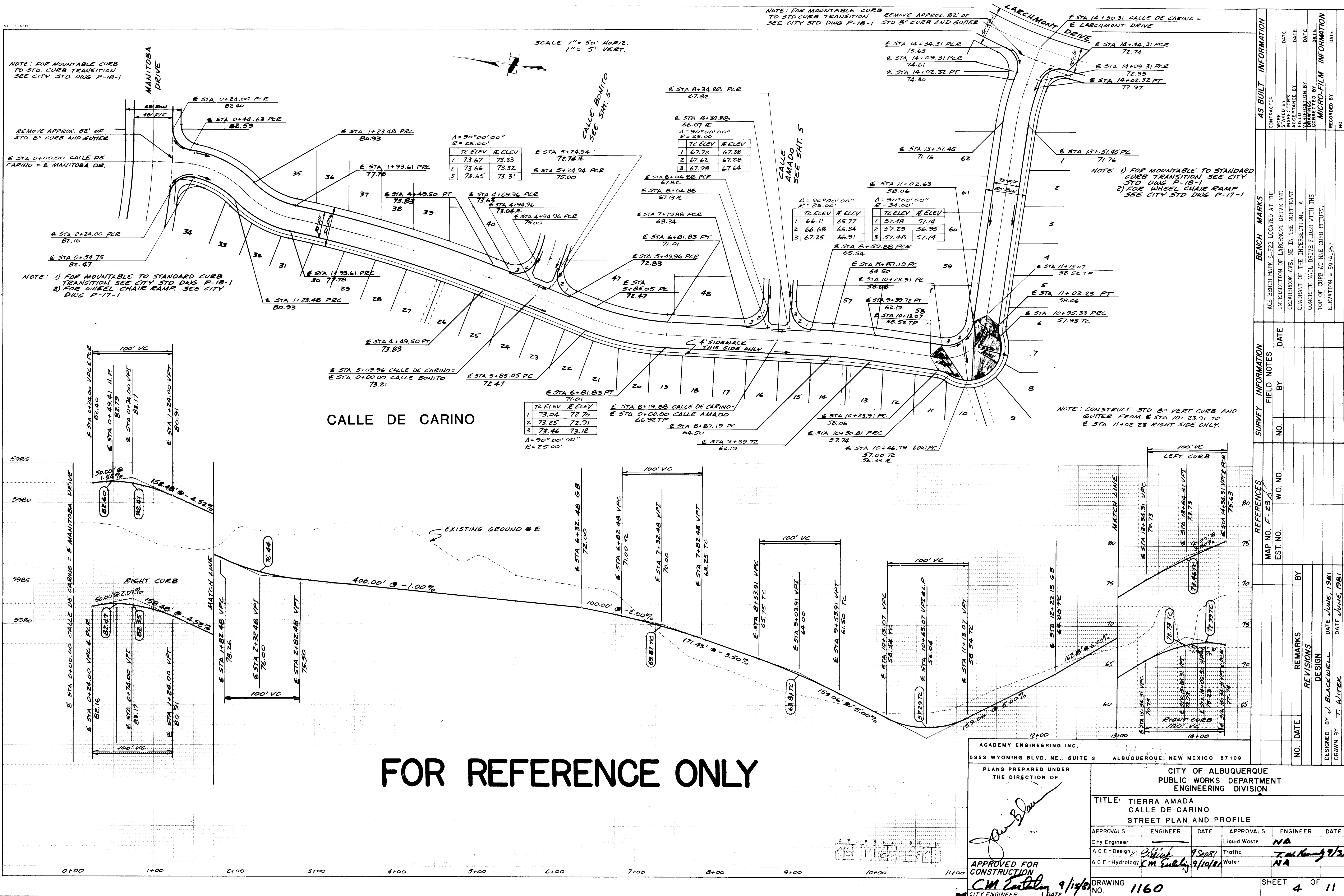




DWG. NO. 1160

[illegible]



ACADEMY ENGINEERING INC. 5363 WYOMING BLVD. NE., SUITE 3 ALBUQUERQUE, NEW MEXICO 87110	
PLANS PREPARED UNDER THE DIRECTION OF <i>[Signature]</i>	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION	
TITLE: TIERRA AMADA CALLE DE CARINO STREET PLAN AND PROFILE	
APPROVALS	ENGINEER
City Engineer	DATE 9/8/81
A.C.E. - Design	Liquid Waste NA
A.C.E. - Hydrology	Traffic T.M. Nunez 9/3/81
Water NA	
APPROVED FOR CONSTRUCTION C.M. Entab 9/10/81	
DRAWING NO. 1160	
SHEET 4 OF 11	

	TCELEV	RELEV
1	67.15	66.81
2	66.67	66.33
3	66.11	65.77

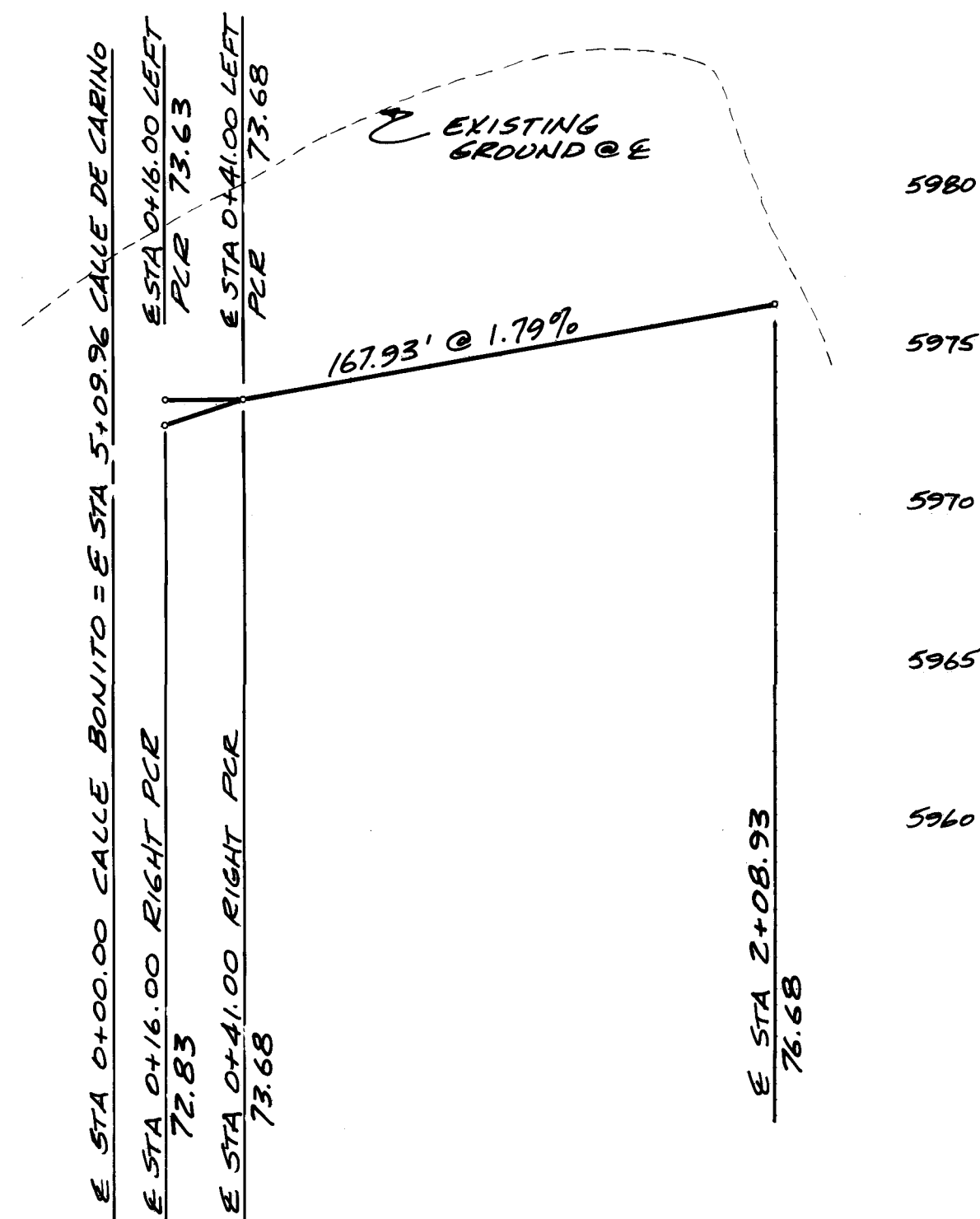
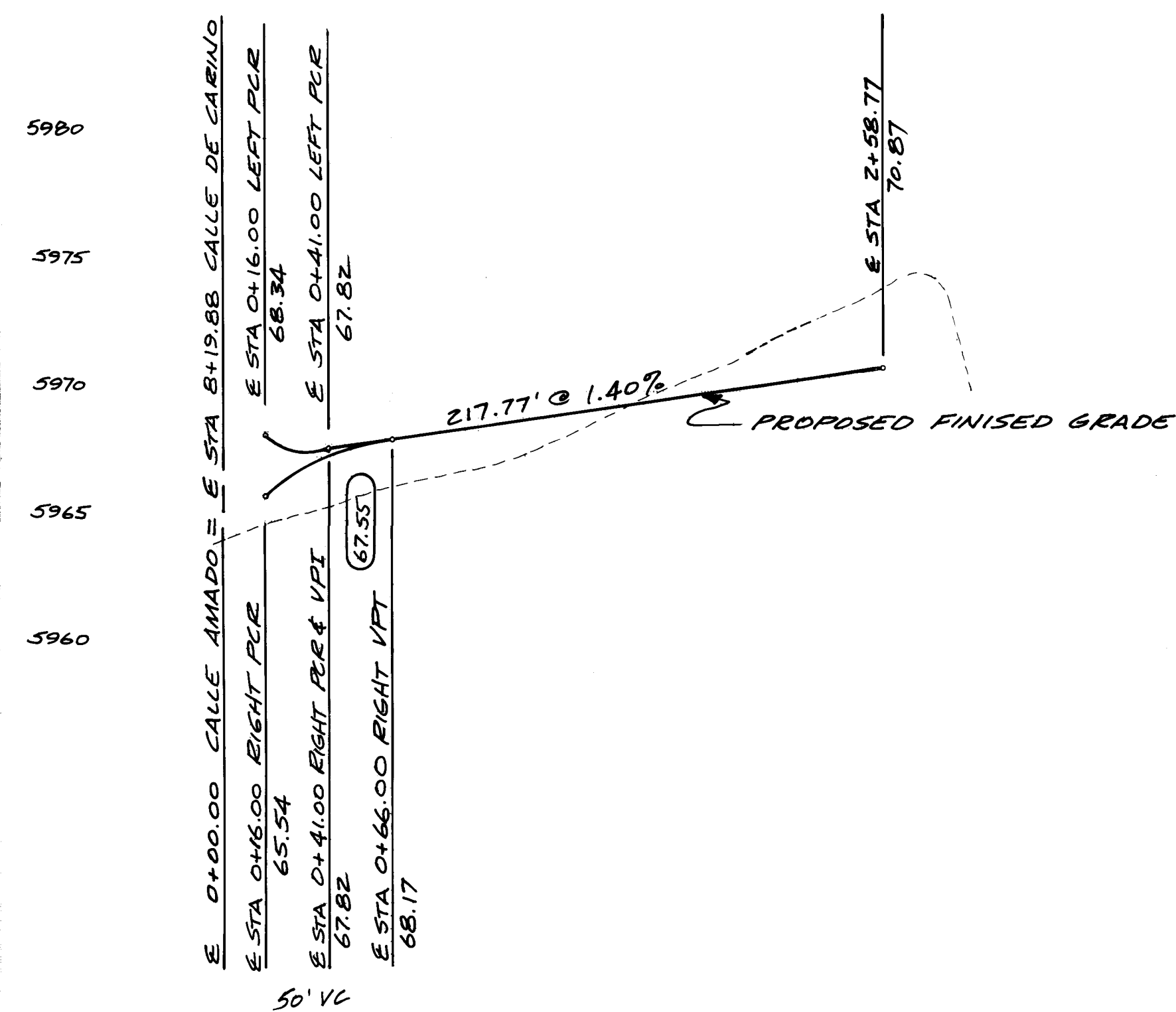
$\Delta = 90^{\circ}00'00''$
 $R = 25.00'$

CALLE AMADO

	TC ELEV	RE ELEV
1	73.46	73.12
2	73.25	72.91
3	73.04	72.70

$\Delta = 90^{\circ} 00' 00''$
 $R = 26.00'$

CALLE BONITO



FOR REFERENCE ONLY

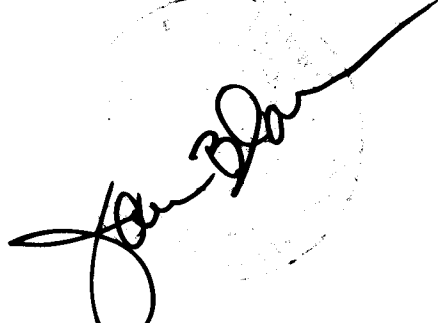
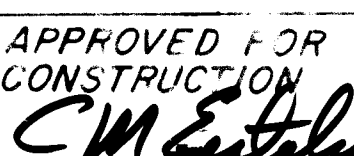
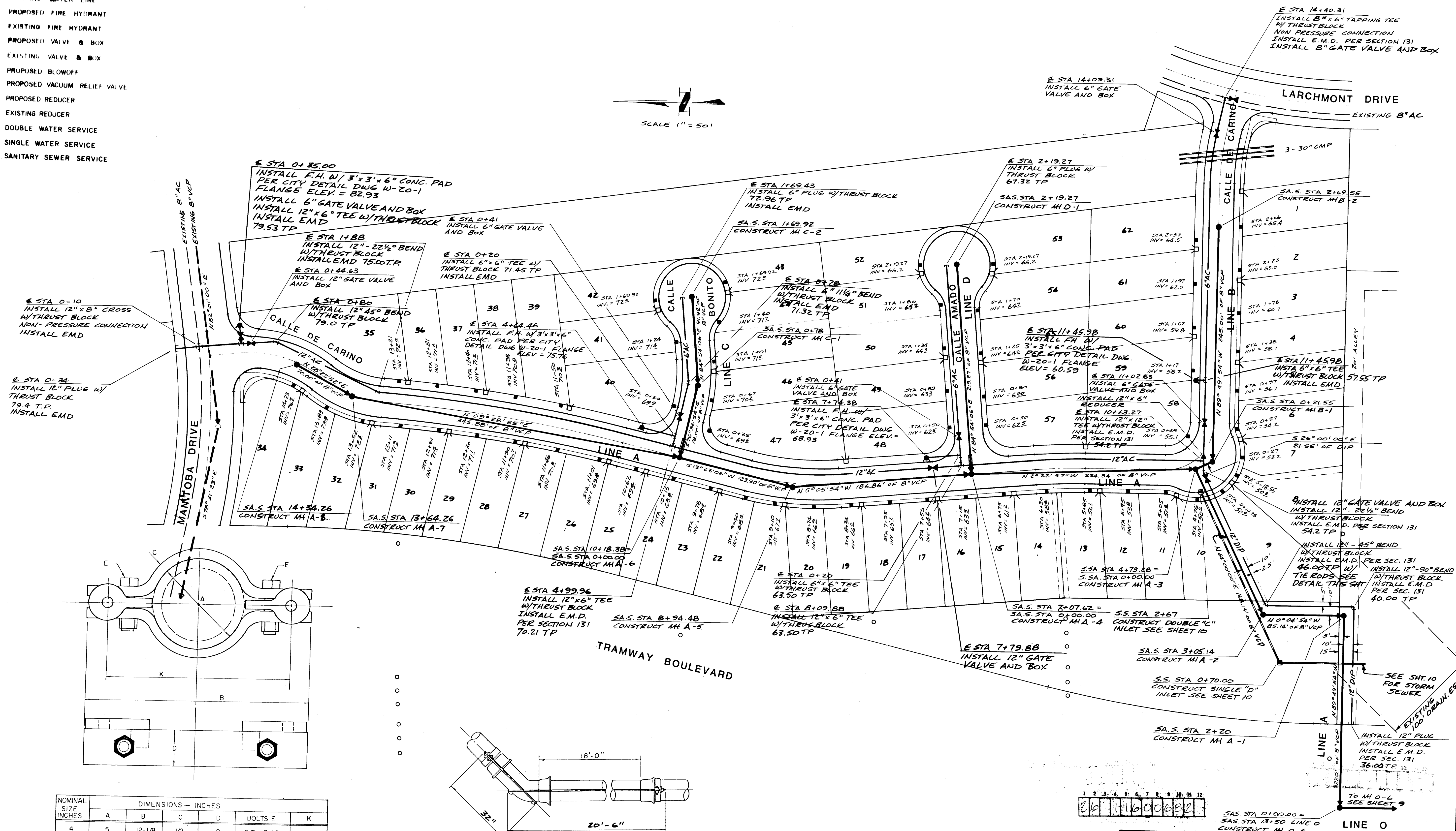
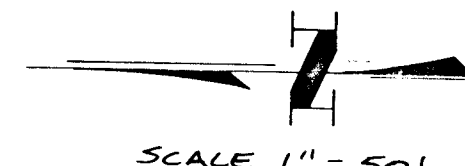
ACADEMY ENGINEERING INC. 5353 WYOMING BLVD. NE., SUITE 3 ALBUQUERQUE, NEW MEXICO 87109		NO. 1	DESIGNED DRAWN CHECKED			
PLANS PREPARED UNDER THE DIRECTION OF 	CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION					
	TITLE: TIERRA AMADA CALLE BONITO & CALLE AMADO STREET PLAN AND PROFILE					
APPROVED FOR CONSTRUCTION 	APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
	City Engineer			Liquid Waste	NA	
	A.C.E. - Design	<i>Kielbaso</i>	9/28/81	Traffic	<i>T. Williams</i>	9/13/81
	A.C.E. - Hydrology	<i>CM Estrella</i>	9/14/81	Water	NA	
DRAWING NO. 1160	SEE 5		CF 11			

Diagram illustrating various pipe symbols and their corresponding descriptions:

- PROPOSED MANHOLE AND SEWER LINE**: Symbol showing a horizontal line with a circle and a cross inside.
- EXISTING MANHOLE AND SEWER LINE**: Symbol showing a horizontal line with a circle and a cross inside.
- PROPOSED WATER LINE**: Symbol showing a horizontal line with a circle and a cross inside.
- EXISTING WATER LINE**: Symbol showing a horizontal line with a circle and a cross inside.
- PROPOSED FIRE HYDRANT**: Symbol showing a horizontal line with a circle and a cross inside.
- EXISTING FIRE HYDRANT**: Symbol showing a horizontal line with a circle and a cross inside.
- PROPOSED VALVE & BOX**: Symbol showing a horizontal line with a circle and a cross inside.
- EXISTING VALVE & BOX**: Symbol showing a horizontal line with a circle and a cross inside.
- PROPOSED BLOWOFF**: Symbol showing a horizontal line with a circle and a cross inside.
- PROPOSED VACUUM RELIEF VALVE**: Symbol showing a horizontal line with a circle and a cross inside.
- PROPOSED REDUCER**: Symbol showing a horizontal line with a circle and a cross inside.
- EXISTING REDUCER**: Symbol showing a horizontal line with a circle and a cross inside.
- DOUBLE WATER SERVICE**: Symbol showing a horizontal line with a circle and a cross inside.
- SINGLE WATER SERVICE**: Symbol showing a horizontal line with a circle and a cross inside.
- SANITARY SEWER SERVICE**: Symbol showing a horizontal line with a circle and a cross inside.



NOMINAL SIZE INCHES	DIMENSIONS — INCHES					
	A	B	C	D	BOLTS E	K
4	5	12-1/8	1/2	2	5/8 x 3-1/2	10-1/8
6	7-1/16	14-3/8	1/2	2	5/8 x 3-1/2	12-1/16
8	9-3/16	16-5/8	1/2	2	5/8 x 3-1/2	14-3/8
10	11-3/8	18-7/8	1/2	2	5/8 x 3-1/2	16-9/16
12	13-1/2	21-1/4	1/2	2	5/8 x 3-1/2	18-13/16
14	15-3/4	25-1/2	3/4	3	3/4 x 4-1/2	23-3/4
16	17-7/8	28	3/4	4	1 x 4-1/2	25-7/8
18	20	31-1/2	3/4	4	1-1/4 x 5	28-1/8
20	22-1/8	33-3/4	3/4	4	1-1/4 x 5	31-1/4
24	26-3/8	39-3/4	3/4	5	1-1/4 x 5-1/2	35-1/2

SOCKET CLAMP WITH TIE RODS

SHEET 6 OF 11		ENGINEER WES. NGA WES		DATE 7-2-81 7-2-81	
PLAN					
NO. DATE REMARKS BY DESIGNED BY J. BLACKWELL DRAWN BY T. WITKE CHECKED BY J. BLACKWELL DATE JUNE, 1981 DATE JUNE, 1981 DATE JUNE, 1981					
REFERENCES MAP NO F-23 80 EST NO WO NO		SURVEY INFORMATION FIELD NOTES NO. BY DATE		BENCH MARKS AS BENCH MARK 6-F23 LOCATED AT THE INTERSECTION OF LARCHMONT DRIVE AND CHURCH AVE. NE IN THE NORTHEAST QUADRANT OF THE INTERSECTION. A CONCRETE MAIL DRIVE FLUSH WITH THE TOP OF CURB AT NNE CURB RETURN. ELEVATION = 5974.957	
		AS BUILT INFORMATION NO.		NO.	

ACADEMY ENGINEERING INC.
6363 WYOMING BLVD. NE., SUITE 3 ALBUQUERQUE, NEW MEXICO 87109

PLANS PREPARED UNDER
THE DIRECTION OF

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

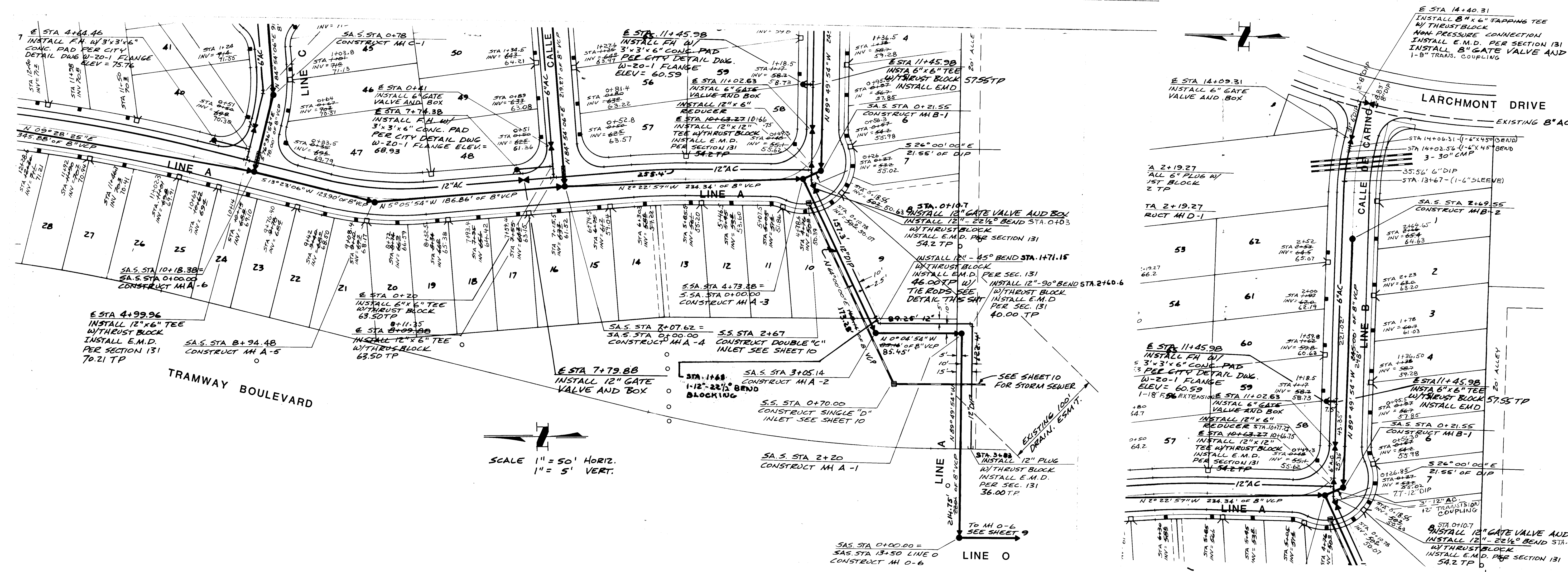
TITLE: TIERRA AMADA
OVERALL WATER AND SEWER PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste	<i>[Signature]</i>	<i>[Date]</i>
ACE Design	<i>[Signature]</i>	9/5/08	Traffic	<i>[Signature]</i>	<i>[Date]</i>
ACE Hydrology	<i>[Signature]</i>	9/1/08	Water	<i>[Signature]</i>	<i>[Date]</i>

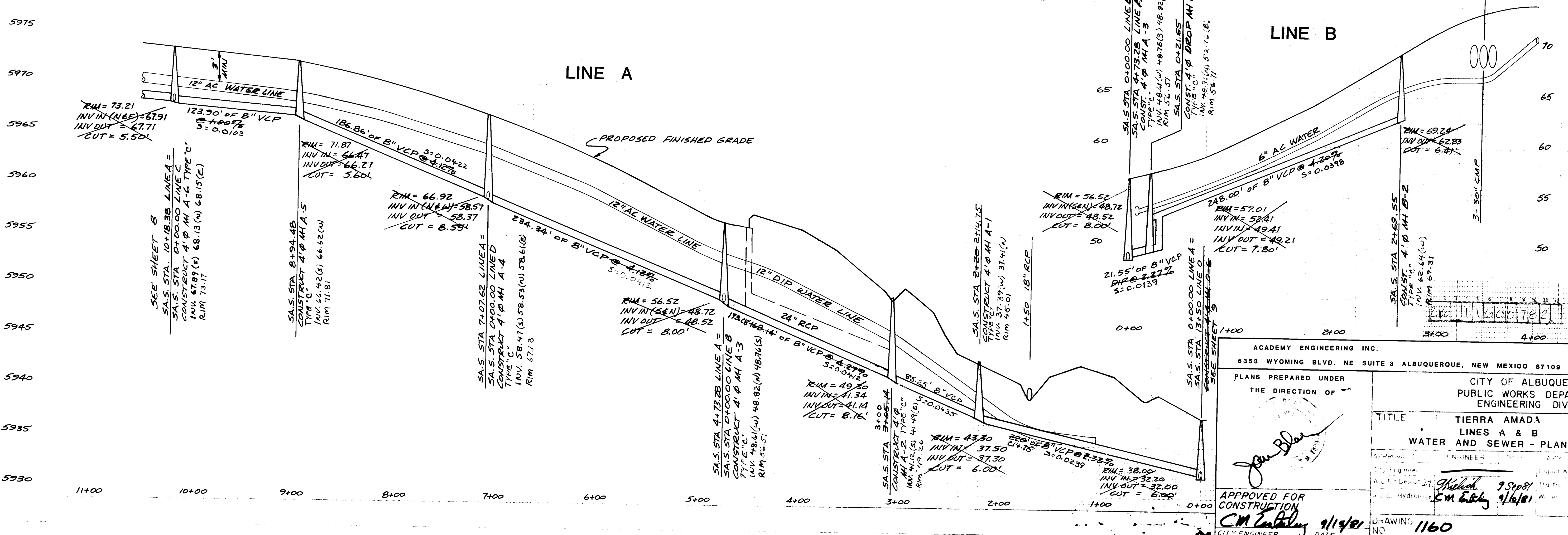
APPROVED FOR
CONSTRUCTION
CM Entley
CITY ENGINEER

DRAWING NO 1160

SHEET 6 OF 11

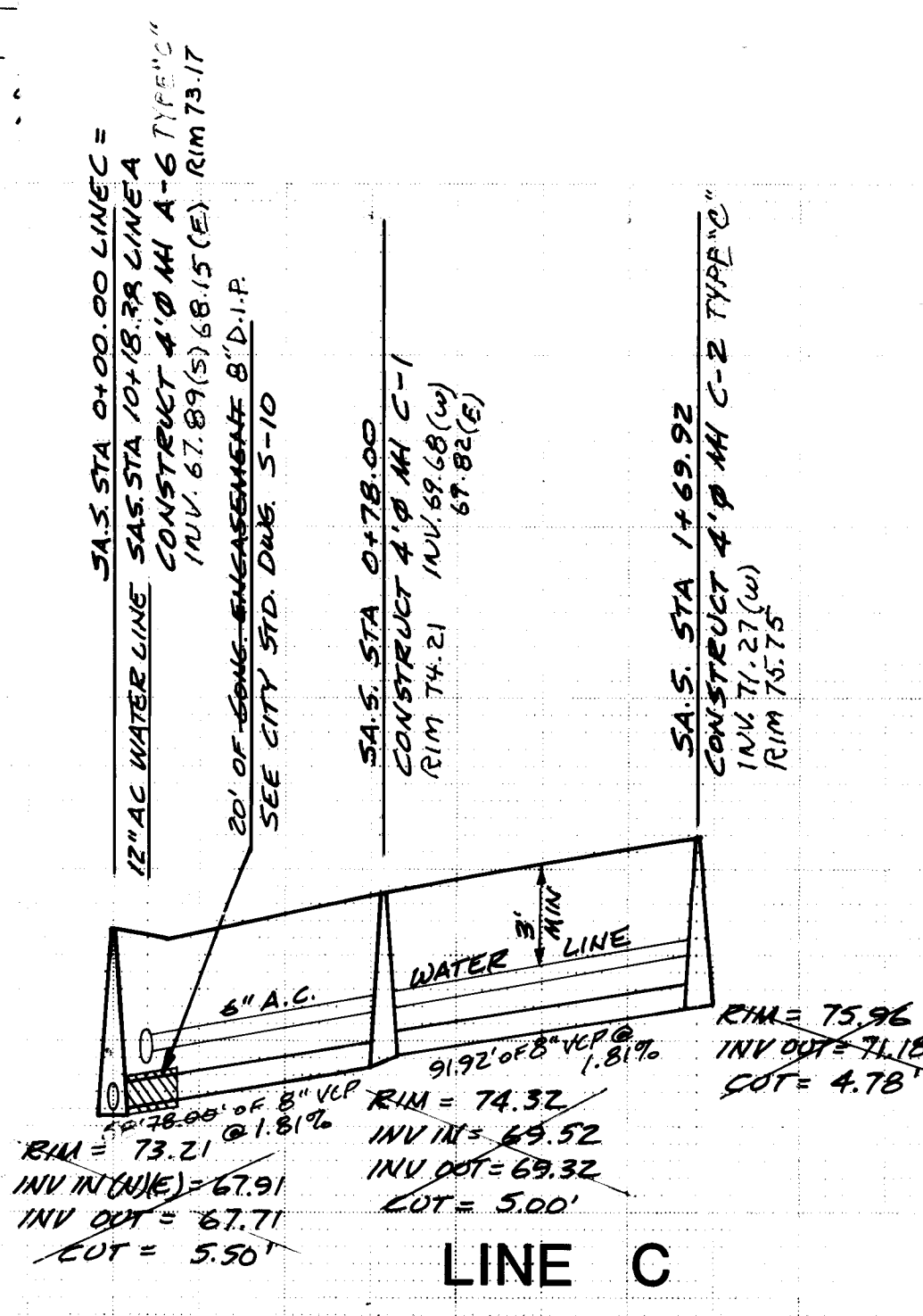
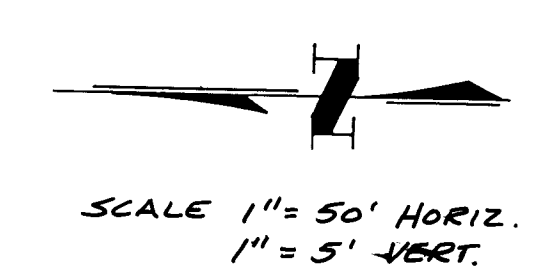


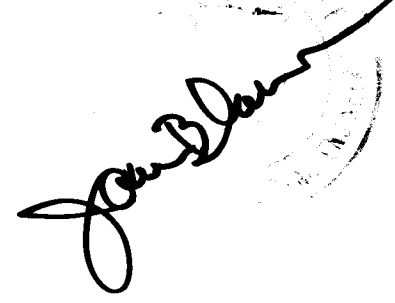
SCALE 1" = 50' HORIZ.
1" = 5' VERT.

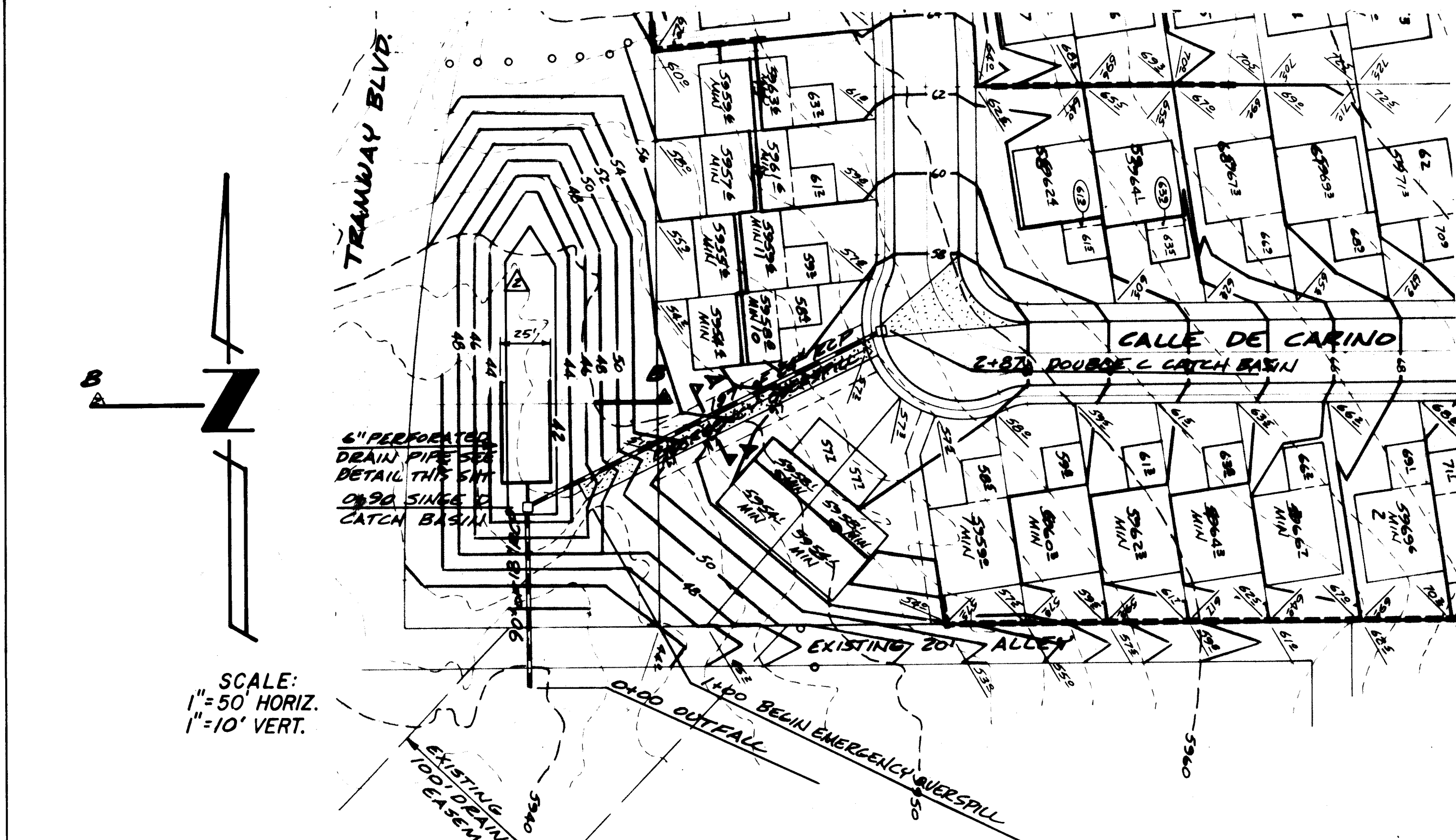


BENCH MARKS ACS BENCH MARK 6-23 LOCATED AT THE INTERSECTION OF LARCHMONT DRIVE AND CEDARHURST AVE. NE IN THE NORTHEAST QUADRANT OF THE INTERSECTION. A CONCRETE NAIL DRIVE FLUSH WITH THE TOP OF CURB AT NINE CURB RETURN. ELEVATION = 5974.957			
4. BUILT INFORMATION			
REVISIONS			
NO.	DATE	REVISIONS	BY
1	JUNE, 1981	DESIGN	J. BLACKWELL
2	JUNE, 1981	DATE	J. BLACKWELL
3	JUNE, 1981	DATE	J. BLACKWELL

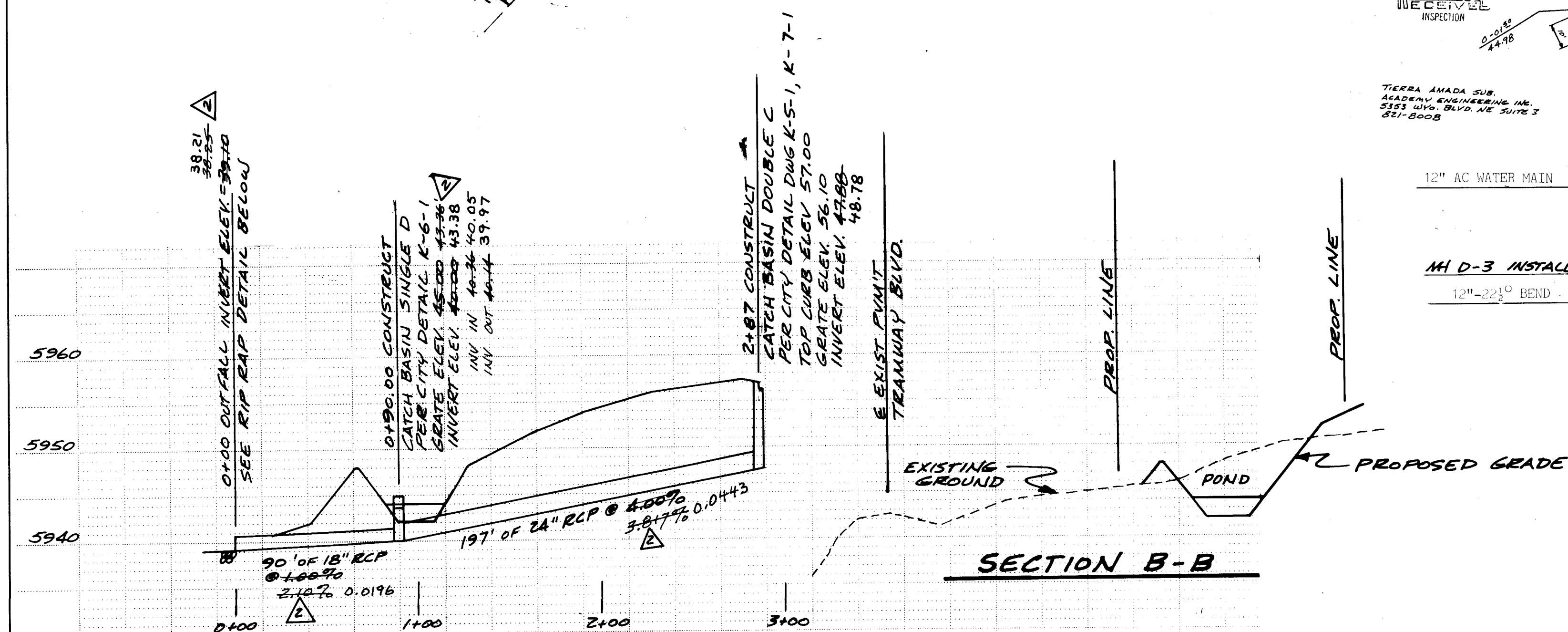
ACADEMY ENGINEERING INC. 6353 WYOMING BLVD. NE SUITE 3 ALBUQUERQUE, NEW MEXICO 87109	
PLANS PREPARED UNDER THE DIRECTION OF	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION	
TITLE TIERRA AMADA LINES A & B WATER AND SEWER - PLAN AND PROFILE	
APPROVED FOR CONSTRUCTION CITY ENGINEER DATE 9/14/81	APPROVED FOR CONSTRUCTION DATE 9/16/81
DRAWING NO. 1160	
SHEET 7 OF 11	



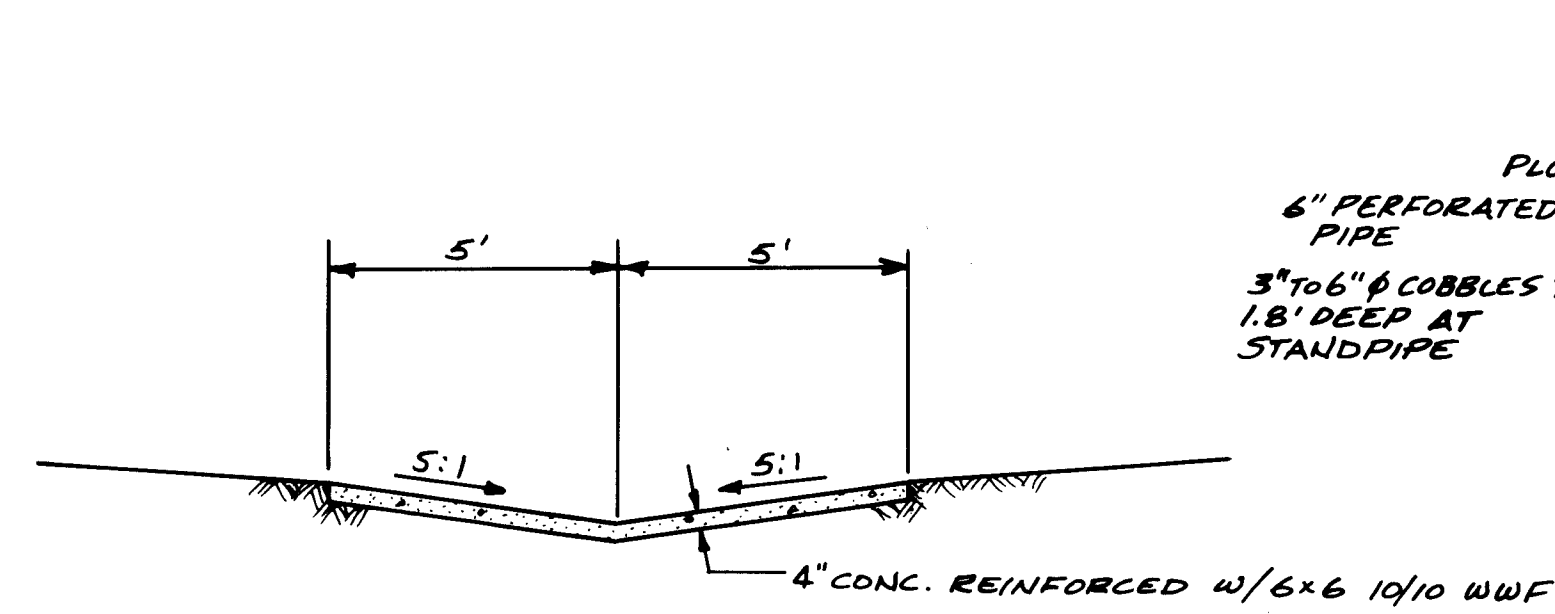
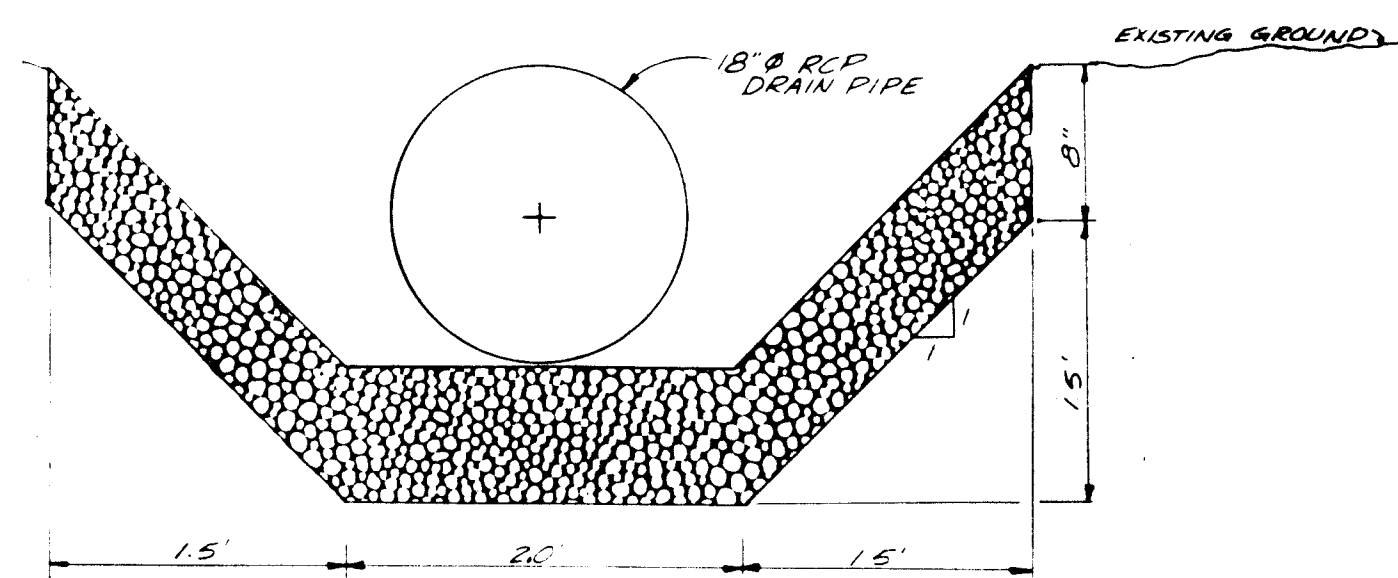
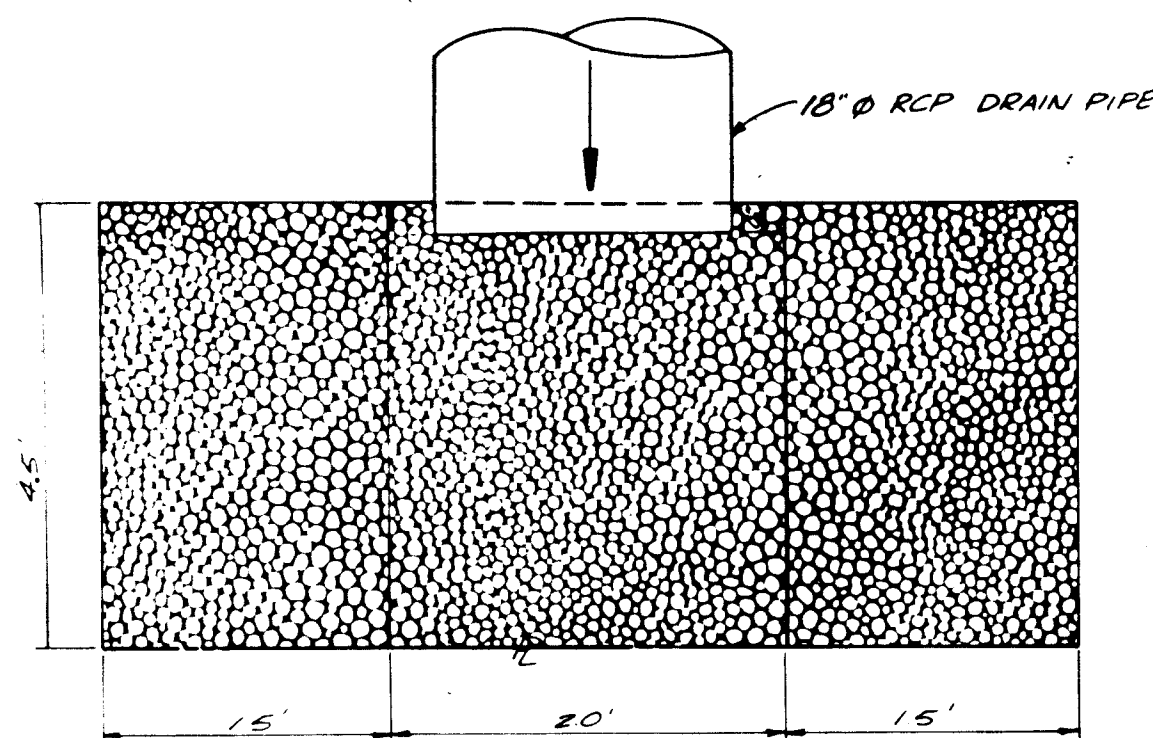
ACADEMY ENGINEERING INC.		DESIGN		NO.		DESIGN	
5353 WYOMING BLVD NE., SUITE 3		ALBUQUERQUE, NEW MEXICO 87109				CHECK	
PLANS PREPARED UNDER THE DIRECTION OF 		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION					
		TITLE: TIERRA AMADA LINES A C & D WATER AND SEWER PLAN AND PROFILE					
APPROVALS		ENGINEER		DATE		APPROVALS	
City Engineer						Liquid Waste	
A.C.E. - Design		<i>[Signature]</i>		9/20/81		radic	
A.C.E. - Hydrology		<i>CM Entailly</i>		9/19/81		Water	
APPROVED FOR CONSTRUCTION <i>CM Entailly</i> 9/15/81		DRAWING		1160		SHEET 8 OF 11	
CITY ENGINEER		DATE					



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

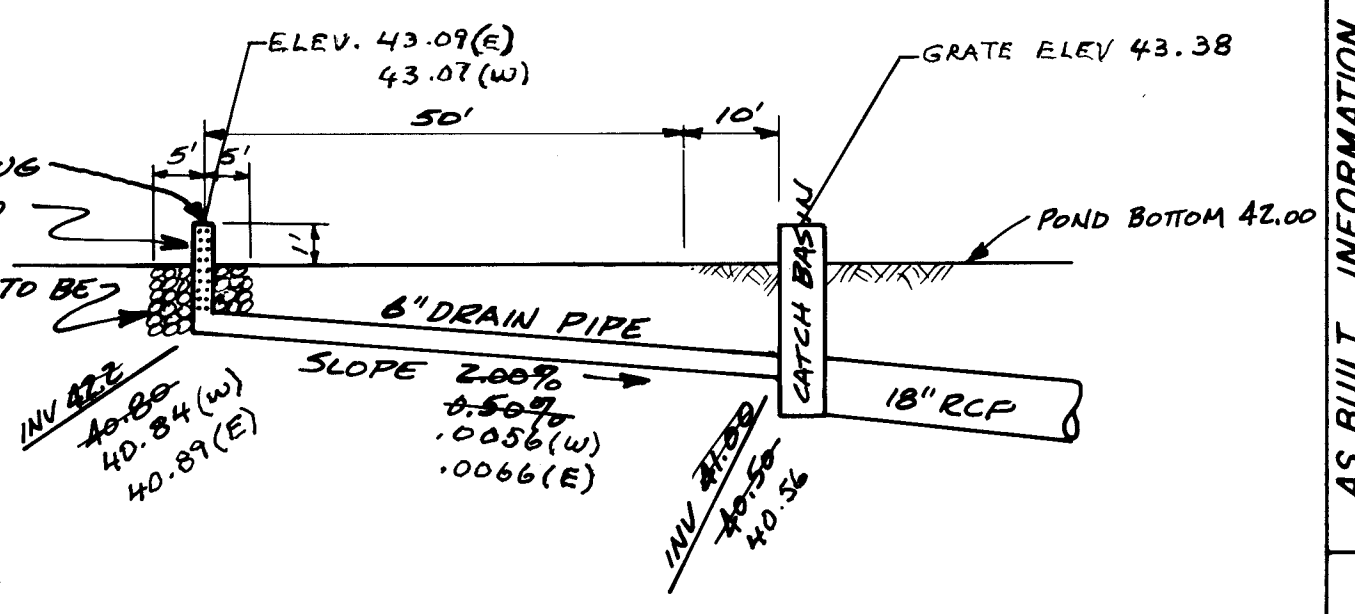


SECTION B-B



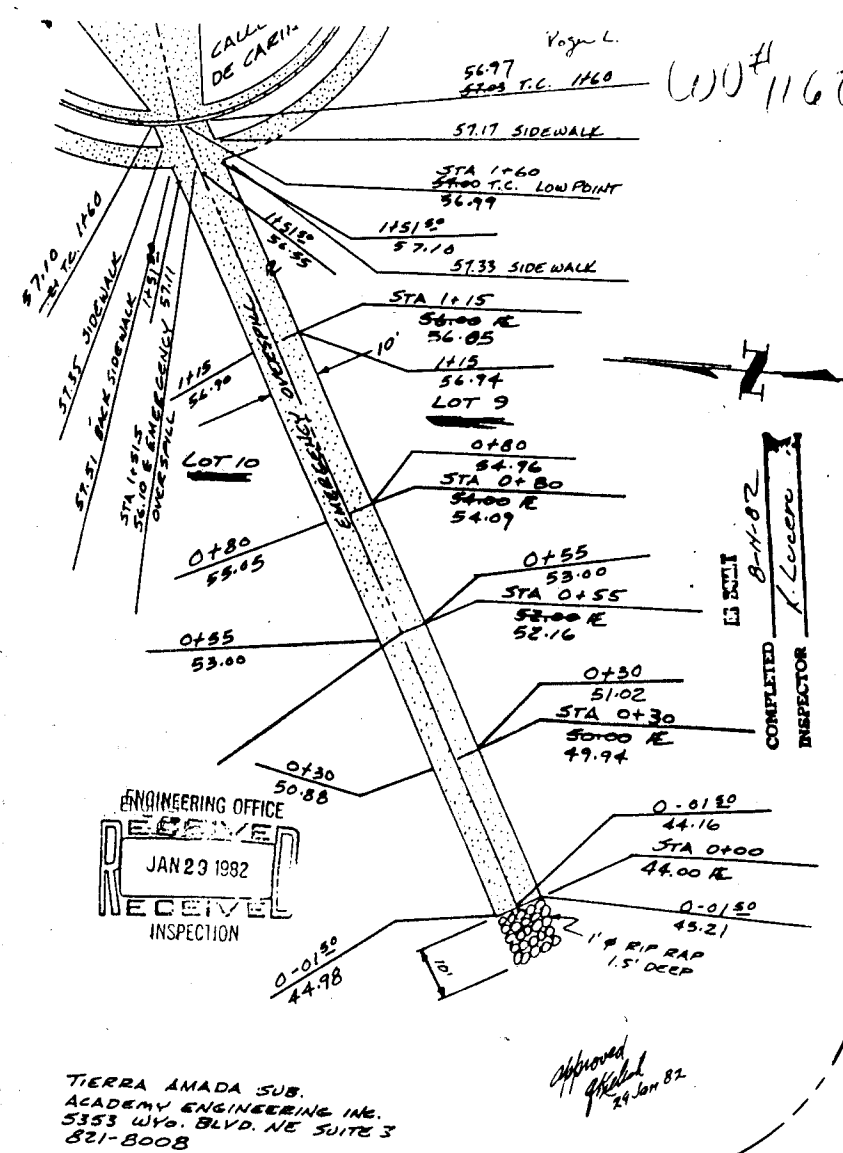
SECTION A-A EMERGENCY OVERSPILL

NO SCALE



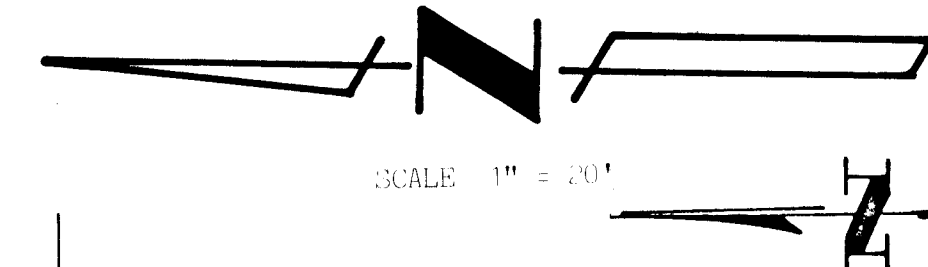
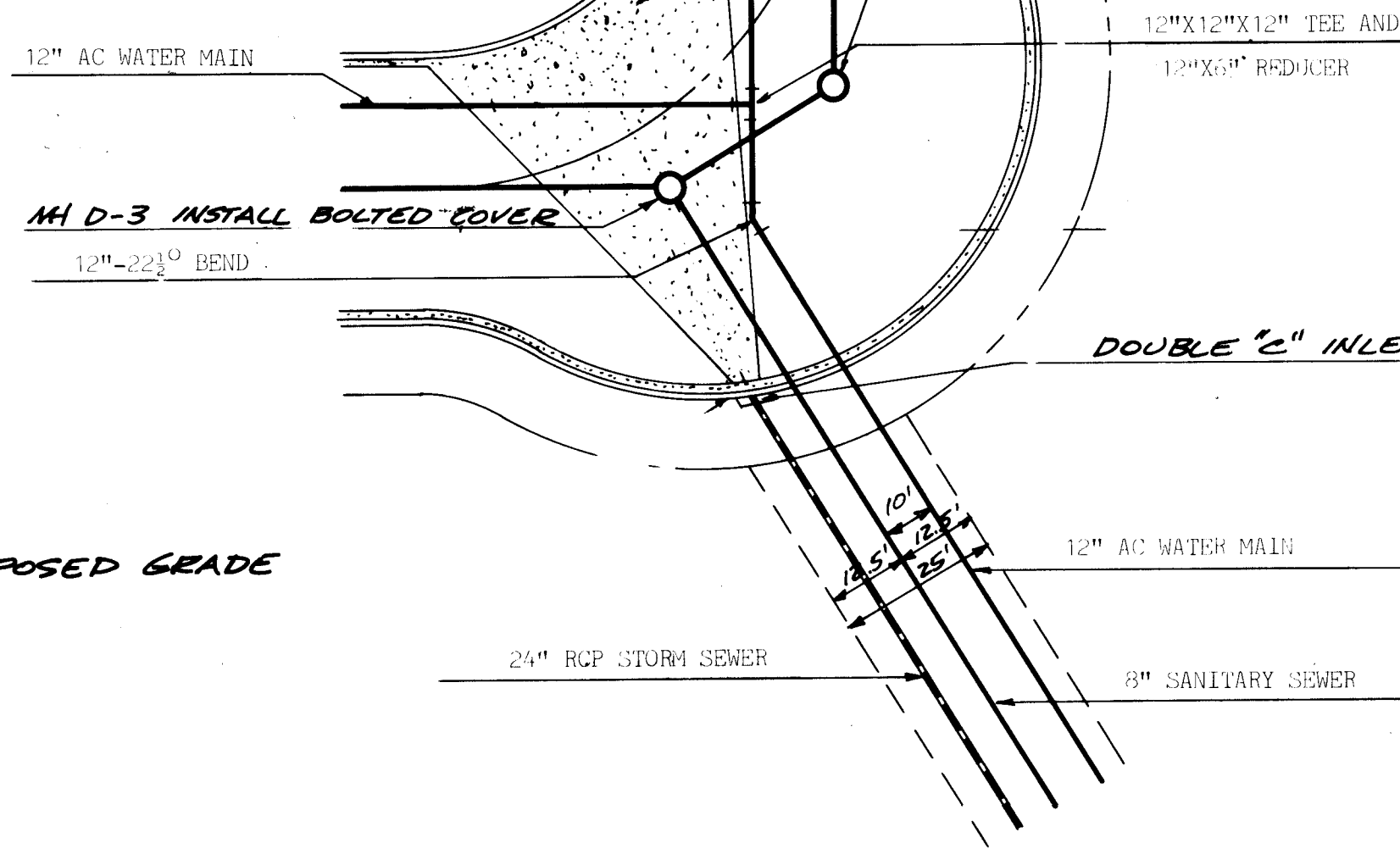
DETAIL-PERFORATED DRAIN PIPE

NO SCALE

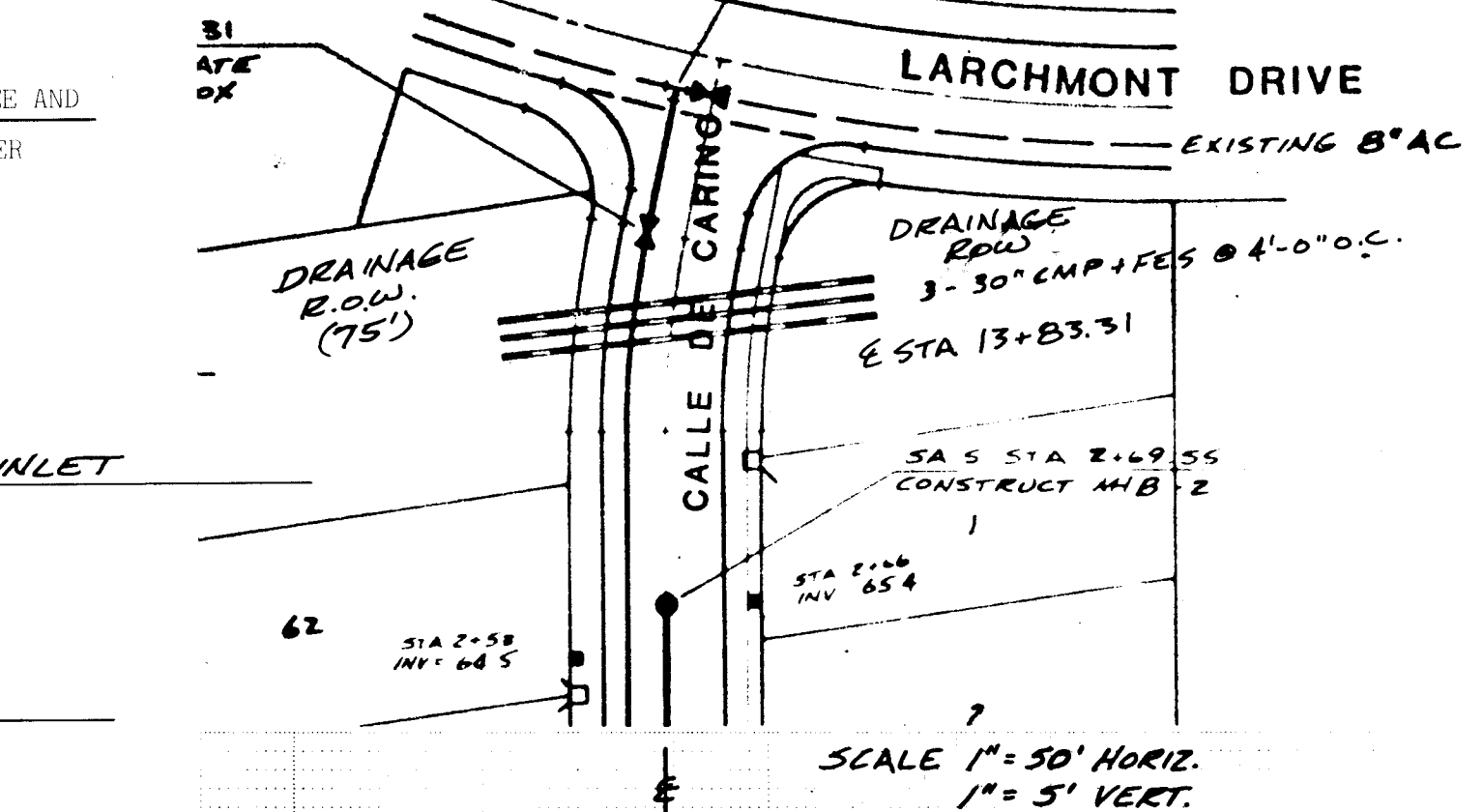
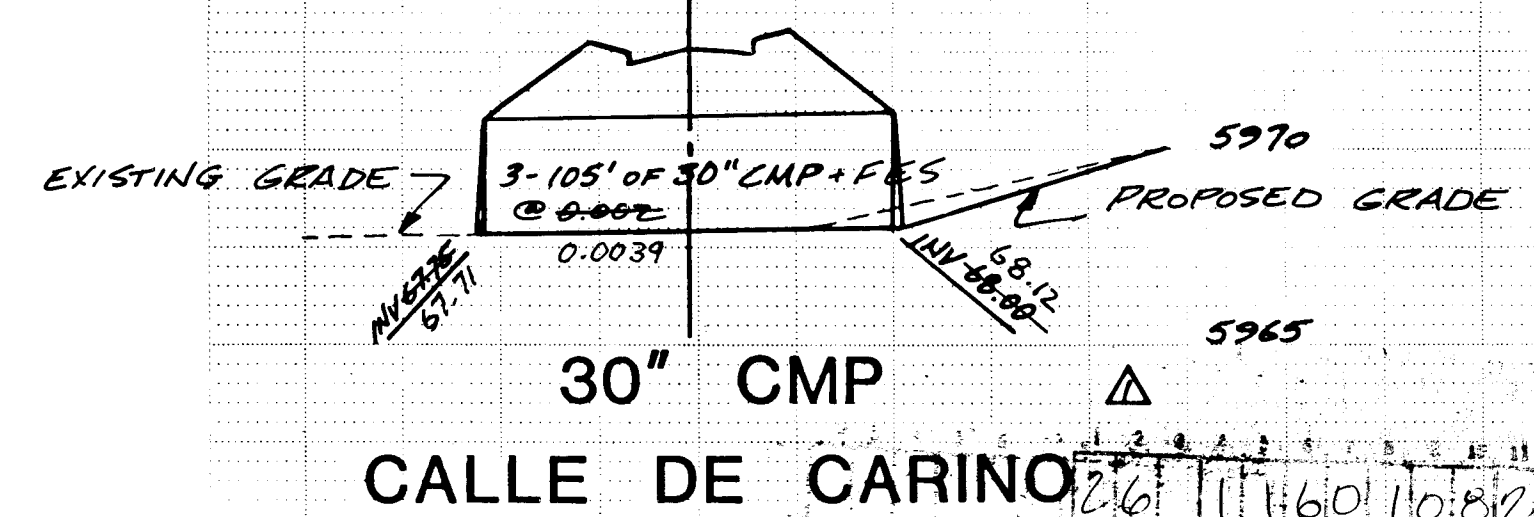
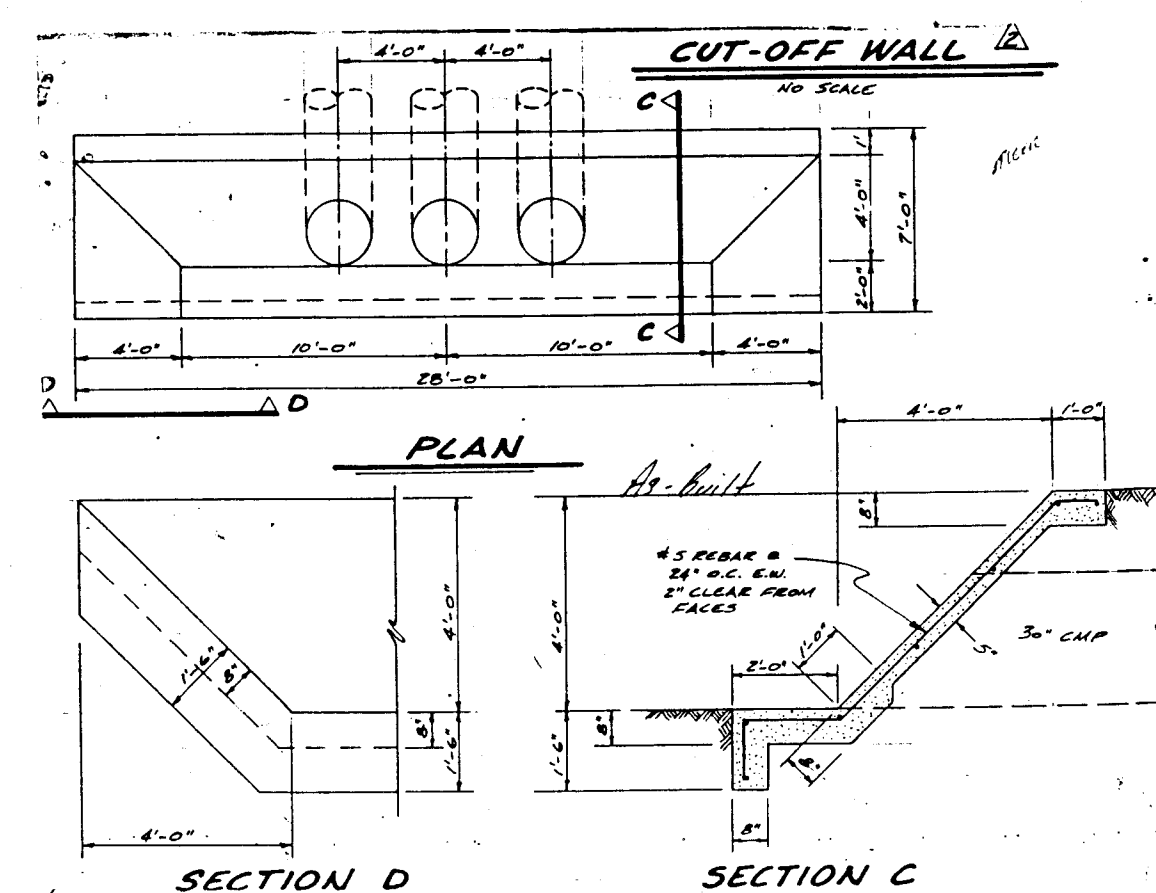


ENGINEERING OFFICE
JAN 23 1992
RECEIVED
INSPECTION

TERRA ANADA SUB
ACADEMY ENGINEERING INC.
5525 WYOMING BLVD. NE SUITE 3
851-8008



SCALE 1" = 20'

SCALE 1" = 50' HORIZ.
1" = 5' VERT.30" CMP
CALLE DE CARINO

PLAN

SECTION D

SECTION C

ACADEMY ENGINEERING INC.
6363 WYOMING BLVD. NE, SUITE 3 ALBUQUERQUE, NEW MEXICO 87109

PLANS PREPARED UNDER
THE DIRECTION OF

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: 24" R.C.P. STORM SEWER

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste	W#3	9-8-91
A.C.E. - Design	9/1/91	9/8/91	Traffic	W#3	9/8/91
A.C.E. - Hydrology	9/1/91	9/8/91	Water	W#3	9/8/91

APPROVED FOR
CONSTRUCTION
CM Engineer
DATE 9/15/91

DRAWING
NO. 1160

SHEET 10 OF 11

AS BUILT INFORMATION	BENCH MARKS	SURVEY INFORMATION	REFERENCES
CONTRACTOR WORK BY INSPECTED BY ACCEPTANCE BY DATE FIELD DRAWINGS DATE CORRECTED BY DATE MICRO-FILM INFORMATION RECORDED BY DATE	AS BUILT MARK 6-PE3 LOCATED AT THE INTERSECTION OF LARCHMONT DRIVE AND CEDARHURST AVE. N.E. IN THE NORTH EAST CORNER OF THE BLOCK. THE TOP OF CURB AT THE CURB RETURN ELEV. 5974.957	FIELD NOTES NO. BY DATE	MAP NO. F-23 EST. NO. W.O. NO. T.W. BY

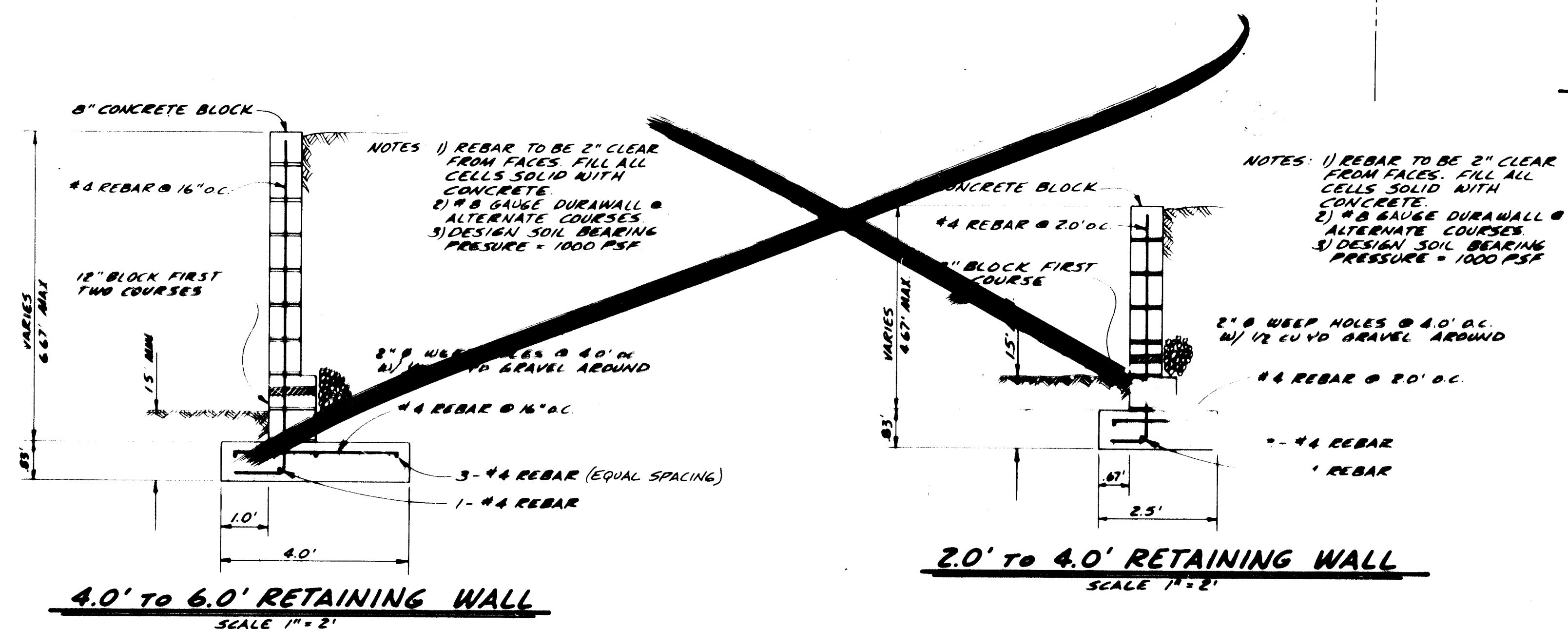
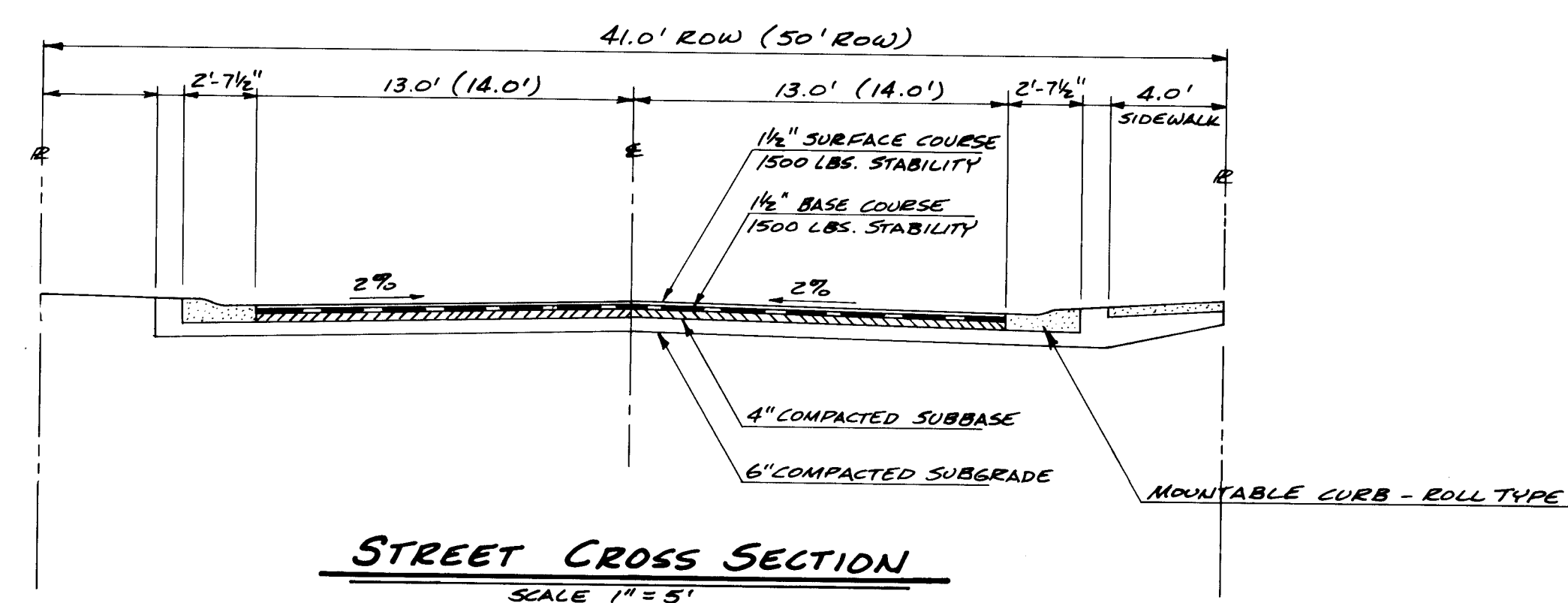
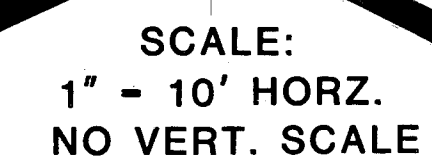
AS BUILT INFORMATION	BENCH MARKS	SURVEY INFORMATION	REFERENCES
CONTRACTOR WORK BY INSPECTED BY ACCEPTANCE BY DATE FIELD DRAWINGS DATE CORRECTED BY DATE MICRO-FILM INFORMATION RECORDED BY DATE	AS BUILT MARK 6-PE3 LOCATED AT THE INTERSECTION OF LARCHMONT DRIVE AND CEDARHURST AVE. N.E. IN THE NORTH EAST CORNER OF THE BLOCK. THE TOP OF CURB AT THE CURB RETURN ELEV. 5974.957	FIELD NOTES NO. BY DATE	MAP NO. F-23 EST. NO. W.O. NO. T.W. BY

AS BUILT INFORMATION	BENCH MARKS	SURVEY INFORMATION	REFERENCES
CONTRACTOR WORK BY INSPECTED BY ACCEPTANCE BY DATE FIELD DRAWINGS DATE CORRECTED BY DATE MICRO-FILM INFORMATION RECORDED BY DATE	AS BUILT MARK 6-PE3 LOCATED AT THE INTERSECTION OF LARCHMONT DRIVE AND CEDARHURST AVE. N.E. IN THE NORTH EAST CORNER OF THE BLOCK. THE TOP OF CURB AT THE CURB RETURN ELEV. 5974.957	FIELD NOTES NO. BY DATE	MAP NO. F-23 EST. NO. W.O. NO. T.W. BY

AS BUILT INFORMATION	BENCH MARKS	SURVEY INFORMATION	REFERENCES
CONTRACTOR WORK BY INSPECTED BY ACCEPTANCE BY DATE FIELD DRAWINGS DATE CORRECTED BY DATE MICRO-FILM INFORMATION RECORDED BY DATE	AS BUILT MARK 6-PE3 LOCATED AT THE INTERSECTION OF LARCHMONT DRIVE AND CEDARHURST AVE. N.E. IN THE NORTH EAST CORNER OF THE BLOCK. THE TOP OF CURB AT THE CURB RETURN ELEV. 5974.957	FIELD NOTES NO. BY DATE	MAP NO. F-23 EST. NO. W.O. NO. T.W. BY

AS BUILT INFORMATION	BENCH MARKS	SURVEY INFORMATION	REFERENCES
CONTRACTOR WORK BY INSPECTED BY ACCEPTANCE BY DATE FIELD DRAWINGS DATE CORRECTED BY DATE MICRO-FILM INFORMATION RECORDED BY DATE	AS BUILT MARK 6-PE3 LOCATED AT THE INTERSECTION OF LARCHMONT DRIVE AND CEDARHURST AVE. N.E. IN THE NORTH EAST CORNER OF THE BLOCK. THE TOP OF CURB AT THE CURB RETURN ELEV. 5974.957	FIELD NOTES NO. BY DATE	MAP NO. F-23 EST. NO. W.O. NO. T.W. BY

AS BUILT INFORMATION	BENCH MARKS	SURVEY INFORMATION	REFERENCES
CONTRACTOR WORK BY INSPECTED BY ACCEPTANCE BY DATE FIELD DRAWINGS DATE CORRECTED BY DATE MICRO-FILM INFORMATION RECORDED BY DATE	AS BUILT MARK 6-PE3 LOCATED AT THE INTERSECTION OF LARCHMONT DRIVE AND CEDARHURST AVE. N.E. IN THE NORTH EAST CORNER OF THE BLOCK. THE TOP OF CURB AT THE CURB RETURN ELEV. 5974.957	FIELD NOTES NO. BY DATE	MAP NO. F-23 EST. NO. W.O. NO. T.W. BY



FOR REFERENCE ONLY

ACADEMY ENGINEERING INC. 5353 WYOMING BLVD. SUITE 3 ALBUQUERQUE, N.M. 87106		NO. DATE DESIGNED DRAWN CHECKED	
PLANS PREPARED UNDER THE DIRECTION OF 		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION	
APPROVED FOR CONSTRUCTION 		TITLE: TIERRA AMADA GRADING DETAILS	
CITY ENGINEER DATE DRAWING NO. 1160		SHEET 11 OF 11	