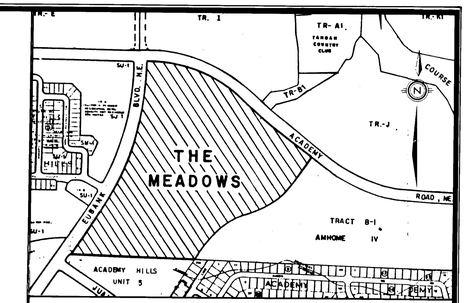
THE MEADOWS

ALBUQUERQUE, NEW MEXICO

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET AND INDEX TO DRAWINGS
2	PLAT OF GEOMETRY
3-4	STREET PLAN AND PROFILE
5	COMPOSITE UTILITY PLAN
6-11	UTILITY PLAN AND PROFILES
12	STORM SEWER PLAN & PROFILE & DETAILS

RECORD DRAWING



LOCATION MAP
SCALE: 1" = 800' (approx.)

GENERAL NOTES:

1. 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 the New Mexico Standard Specifications for Public Works Construction - 1979 Edition (referred to herein as the Standard Specifications and the Contract Documents for Public Works Contract #84-1.
2. Two (2) working days prior to any excavation, contractor must contact Line Locating Service, 765-1234, for location of existing utilities.
3. 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 minimum amount of delay.
4. All utilities and utility service lines shall be installed prior to paving.
5. Backfill compaction shall be according to specified street use.
6. Tack coat requirements shall be determined by the City Engineer.
7. Sidewalks and wheelchair ramps within the curb returns shall be constructed wherever a new curb return is constructed.
8. If curb is depressed for a drivepad or a handicap ramp, the drivepad or ramp shall be constructed prior to acceptance of the curb and gutter.
9. All storm drainage facilities shall be completed prior to final acceptance.

RECORD DRAWING

AS BUILT DRAWINGS
W.F. M.S. Hammond/HRO
12-5-84

26 2155 0184

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
2	5, 10, 11						
1	6, 12	[illegible]	9/4/84	Hydrology [illegible]	8/30/84		

APPROVAL OF REVISIONS

ENGINEER'S SEAL
KENT W. WHITMAN
NEW MEXICO
6/21/84

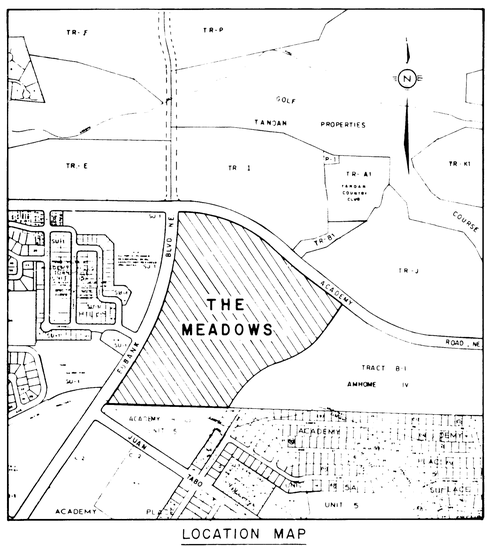
DATE:
SCALE:
DESIGNED:
DRAWN:
JOB. NO:

[redacted]

APPROVED FOR CONSTRUCTION
[illegible]
CITY ENGINEER
7/24/84
DATE

PROJECT NO. 2155

SHEET 1 OF 12



LOCATION MAP
SCALE 1" 800' (approx.)

NOTES

1) THIS 90-FOOT WIDE TEMPORARY DRAINAGE EASEMENT WITHIN TRACT B SHALL BE VACATED AT THE TIME THE REQUIREMENTS OF AMAFCA RESOLUTION 1984-[illegible] DATED FEBRUARY 23, 1984 ARE MET.

2) ALL BEARINGS SHOWN ON THIS SURVEY AND PLAT ARE BASED ON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE. ALL DISTANCES ARE LOCAL GROUND MEASUREMENTS.

3) UNLESS OTHERWISE INDICATED ALL CORNERS ARE MONUMENTED WITH A 5/8" REBAR WITH ALUMINUM CAP BEARING L.S. #7270.

4) ALL DIMENSIONS ALONG CURVED LINES ARE MEASURED ALONG THE ARC.

5) DIMENSIONS SHOWN IN PARENTHESES ARE RECORD.

6) REFERENCE: PARAGRAPH 3.5 ON PAGE 7 OF AGREEMENT BETWEEN CITY AND SAD-205 PROPERTY OWNERS DATED MAY 3, 1984 AND FILED IN THE BERNALILLO COUNTY CLERK'S OFFICE AS DOCUMENT 84-33673.

7) THIS EASEMENT MAY BE ADJUSTED AT THE TIME OF FINAL SITE PLAN APPROVAL BY DRB BASED UPON FINAL STORM SEWER ALIGNMENT AND AS EASEMENT WIDTH WHICH MEETS CURRENT DPM STANDARDS FOR STORM SEWER DESIGN AND EASEMENT WIDTH.

SUBDIVISION DATA

84-412

RESERVED FOR COUNTY CLERK

REPLAT OF TRACT 1, THE MEADOWS TO

TRACT A AND TRACT B

THE MEADOWS

SITUATE WITHIN THE ELENA GALLEGOS GRANT
(PROJECTED SECTION 28, T11N, R4E, N.M.P.M.)
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JUNE, 1984

DESCRIPTION, FREE CONSENT AND DEDICATION

[illegible]

AMERIWEST CORPORATION

BY [illegible]
ALLAN D. WHITEHILL, CONTROLLER

ACKNOWLEDGEMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS [illegible] DAY OF [illegible], 1984.

MY COMMISSION EXPIRES [illegible]

BY [illegible]
NOTARY PUBLIC

APPROVED AND ACCEPTED BY

[illegible]	6-26-84 DATE
[illegible]	6-26-84 DATE
[illegible]	6/21/84 DATE
[illegible]	6/26/84 DATE
for O. Val Valdez	6-21-84 DATE
[illegible]	6/26/84 DATE
[illegible]	6/26/84 DATE
[illegible]	26 June 84 DATE

SP-84-276

SURVEYOR'S CERTIFICATION

I, [illegible] A REGISTERED [illegible], AND [illegible] SUBDIVISION, [illegible] REQUIREMENTS [illegible] SUBDIVISION [illegible] MY KNOWLEDGE

[illegible] DATE

LASON 1-505-344-9404
BEST COPY AVAILABLE

DATE	JUNE, 1984
SCALE	N/A
DESIGNED	C S C
DRAWN	W J W
JOB NO	78-34-025

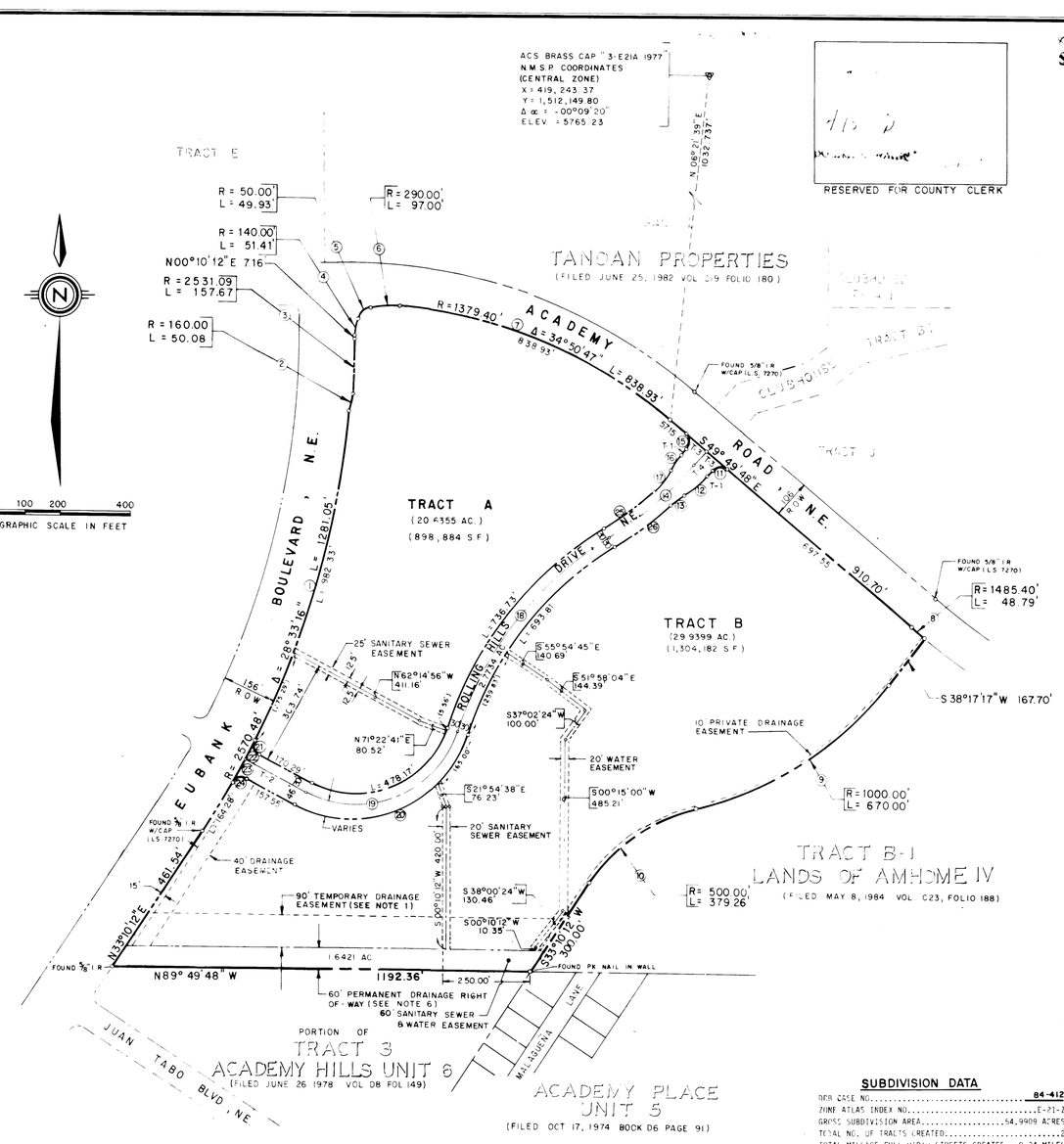
Community Services Corporation

REPLAT OF TRACT 1, THE MEADOWS TO

TRACT A AND TRACT B

THE MEADOWS

SITUATE WITHIN THE ELENA GALLEGOS GRANT
(PROJECTED SECTION 28, T11N, R4E, N.M.P.M.)
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JUNE, 1984



CURVE DATA			
NO.	RADIUS	ARC	DELTA
1	2570.48	1281.05	28°33'16"
2	160.00	50.08	17°55'58"
3	2531.09	157.67	03°34'09"
4	140.00	51.41	21°02'22"
5	50.00	49.93	57°12'48"
6	290.00	97.00	19°09'55"
7	1379.40	838.93	34°50'47"
8	1485.40	48.79	01°52'55"
9	1000.00	670.00	38°23'17"
10	500.00	379.26	43°27'34"
11	30.00	47.12	90°00'00"
12	240.00	84.24	20°06'37"
13	220.00	49.31	12°50'30"
14	1000.00	318.86	18°16'10"
15	30.00	47.12	90°00'00"
16	240.00	53.05	12°39'50"
17	220.00	78.29	20°23'26"
18	1000.00	715.27	40°58'55"
19	303.17	530.69	100°17'40"
20	346.74	606.96	100°17'40"
21	30.00	46.47	88°45'37"
22	2570.48	59.36	01°19'23"
23	2570.48	75.09	01°40'25"
24	30.00	46.20	88°14'34"
25	970.00	178.47	10°32'31"
26	1030.00	197.75	11°00'01"

2621550284

TANGENT DATA		
NO.	BEARING	DISTANCE
T-1	S 40°10'12" W	23.83
T-2	S 62°14'56" E	199.68
T-3	S 49°49'48" E	78.00
T-4	N 40°10'12" E	53.83

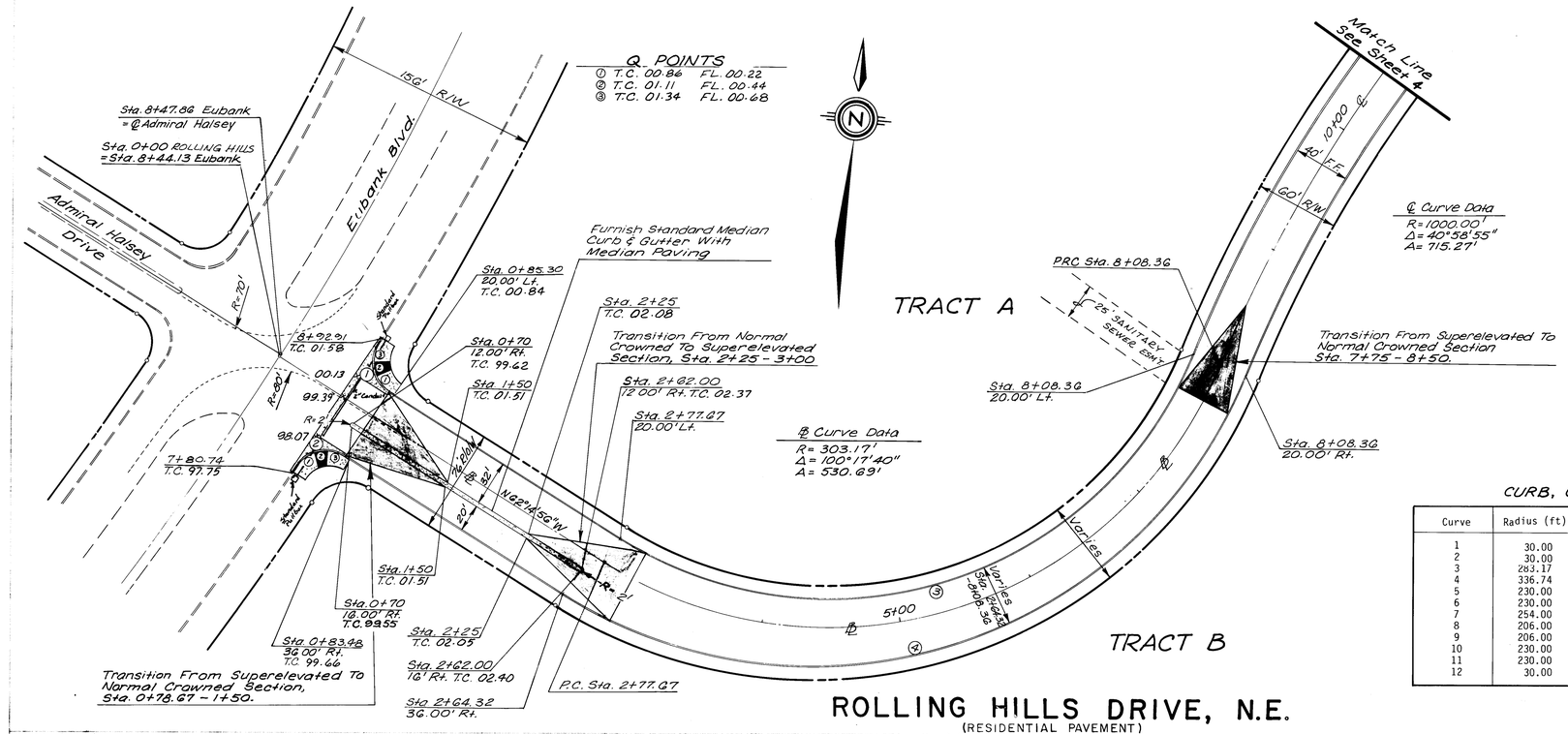
SP-84-276

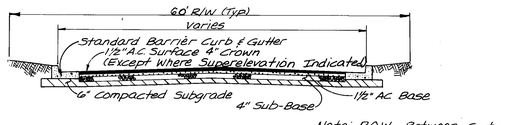
SUBDIVISION DATA

DRB CASE NO. 84-412
ZONE ATLAS INDEX NO. E-21-Z
GROSS SUBDIVISION AREA ..... 54.9909 ACRES
TOTAL NO. OF TRACTS CREATED 2
TOTAL MILEAGE FULL WIDTH STREETS CREATED ... 0.34 MILES
S.P. LOG NO. (TALOS) 03-12-0830

DATE	JUNE, 1984
SCALE	1" = 200'
DESIGNED	C.S.C.
DRAWN	W.W./J.B.
JOB NO	78-34-025

SHEET 2 OF 2





TYPICAL RESIDENTIAL STREET SECTION

N.T.S.

Note: R.O.W. Between Curbs And ℙ Shall Be Graded Per City Standards, ie. ℙ Elev. = T.C. ± 0.33'

CURB, CURVE DATA

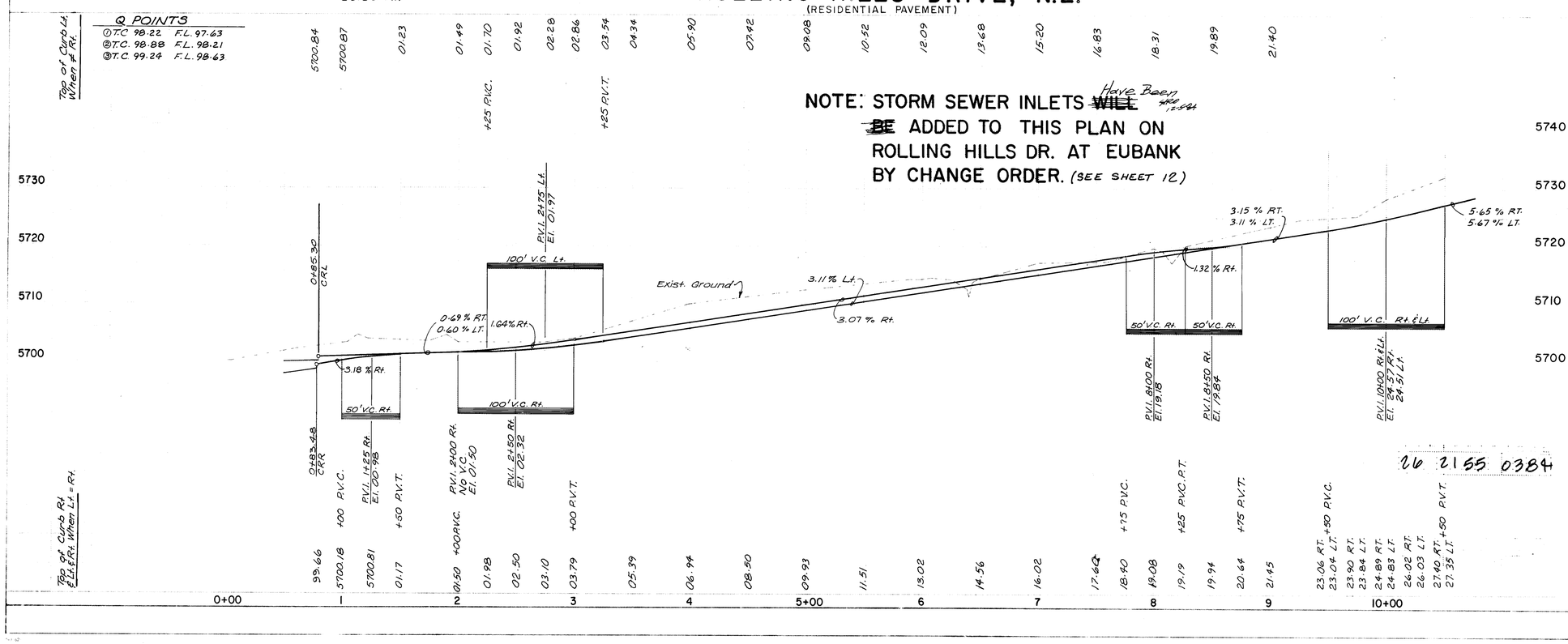
Curve	Radius (ft)	Arc (ft)	Delta
1	30.00	46.91	89°35'30"
2	30.00	45.97	87°47'25"
3	263.17	495.68	100°17'40"
4	336.74	589.45	100°17'40"
5	230.00	51.55	12°50'30"
6	230.00	81.85	20°23'26"
7	254.00	26.44	05°57'54"
8	206.00	45.53	12°39'50"
9	206.00	73.15	20°20'46"
10	230.00	80.73	20°06'37"
11	230.00	50.84	12°39'50"
12	30.00	47.12	90°00'00"

ROLLING HILLS DRIVE, N.E.

(RESIDENTIAL PAVEMENT)

Q POINTS
①T.C. 98.22 F.L. 97.63
②T.C. 98.88 F.L. 98.21
③T.C. 99.24 F.L. 98.63

NOTE: STORM SEWER INLETS ~~WILL BE~~ Have Been ADDED TO THIS PLAN ON ROLLING HILLS DR. AT EUBANK BY CHANGE ORDER. (SEE SHEET 12)



26 2155 0384

RECORD DRAWING

I, Claude A.L. Pilley N.M.P.E. & L.S. No. 4981, hereby certify that this drawing has been revised in accordance with information furnished by K.N.C. Inc. I further state that both the revisions and field verification were done under my personal direction and control.

Claude A.L. Pilley
CLAUDE A.L. PILLEY

SCALE: 1" = 50' Horizontal
1" = 10' Vertical

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE THE MEADOWS - PAVING PLAN AND PROFILE

ROLLING HILLS DRIVE, N.E.

	ENGINEER	DATE
City Engineer	C. D. Hyman	7/10/84
A.E. Design	[illegible]	7/11/84
A.E. Hydrology	Billy J. Scoble	7/9/84
Water Resources	David Y. Hyman / K. Pena	7/10/84 / 7-9-84

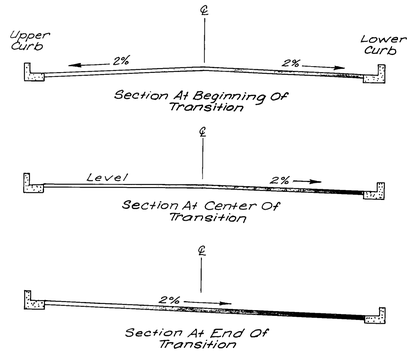
DRAWING NO	MAP NO	SHEET	OF
2155	E-21	3	12

MARK	REVISION	BY	DATE
1	10-17-84 Revised To Show As-Builts	M.P.	JUNE, 1984

K.N.C. Inc. — M. Pohl — 10-17-84

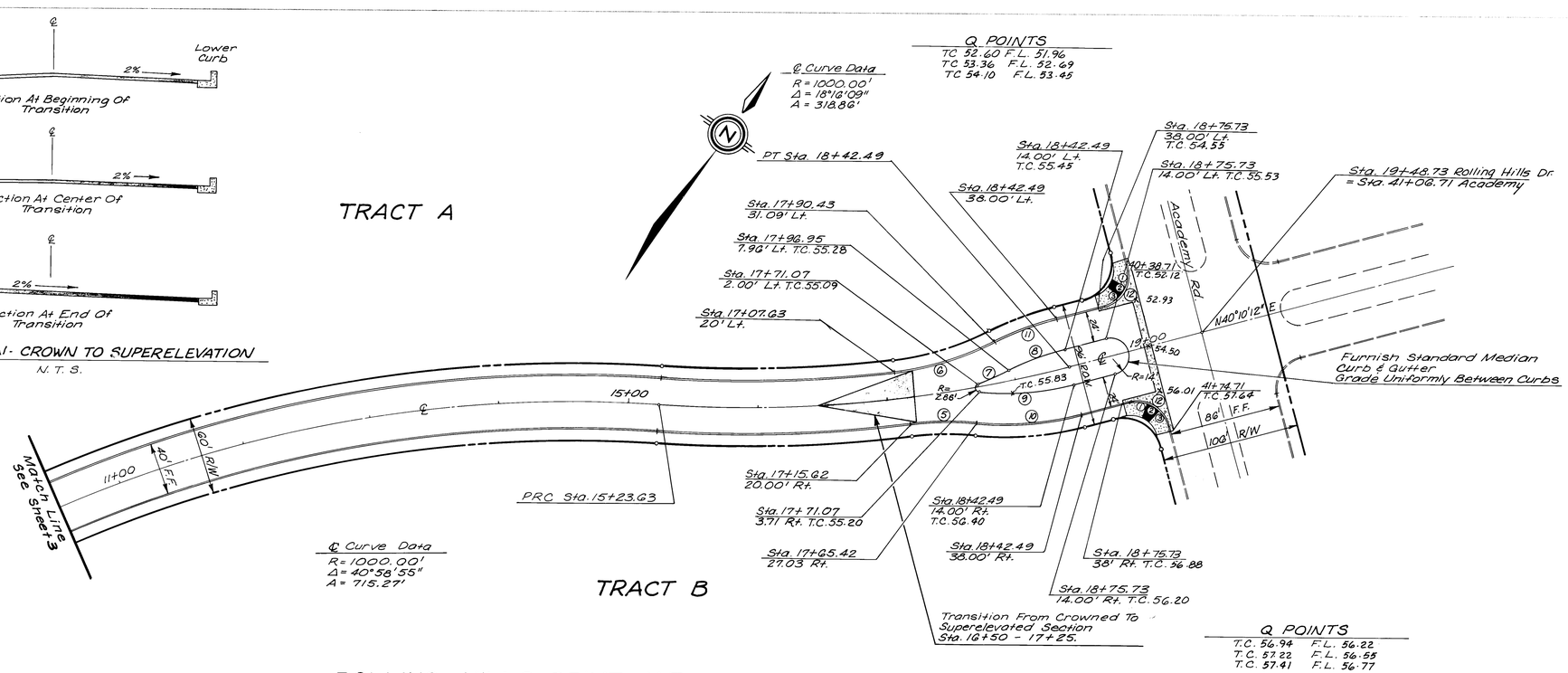
ACS BRASS CAP "3-E21A 1977" LOCATED WEST OF THE TANOAN COUNTRY CLUBHOUSE AND APPROXIMATELY 1000' NORTH OF THE INTERSECTION OF SEVILLE DRIVE N.E. AND ACADEMY ROAD N.E. ELEV. = 5765.23

ENGINEER'S SEAL — JOHN W. WEITMAN — NEW MEXICO — REGISTERED PROFESSIONAL ENGINEER



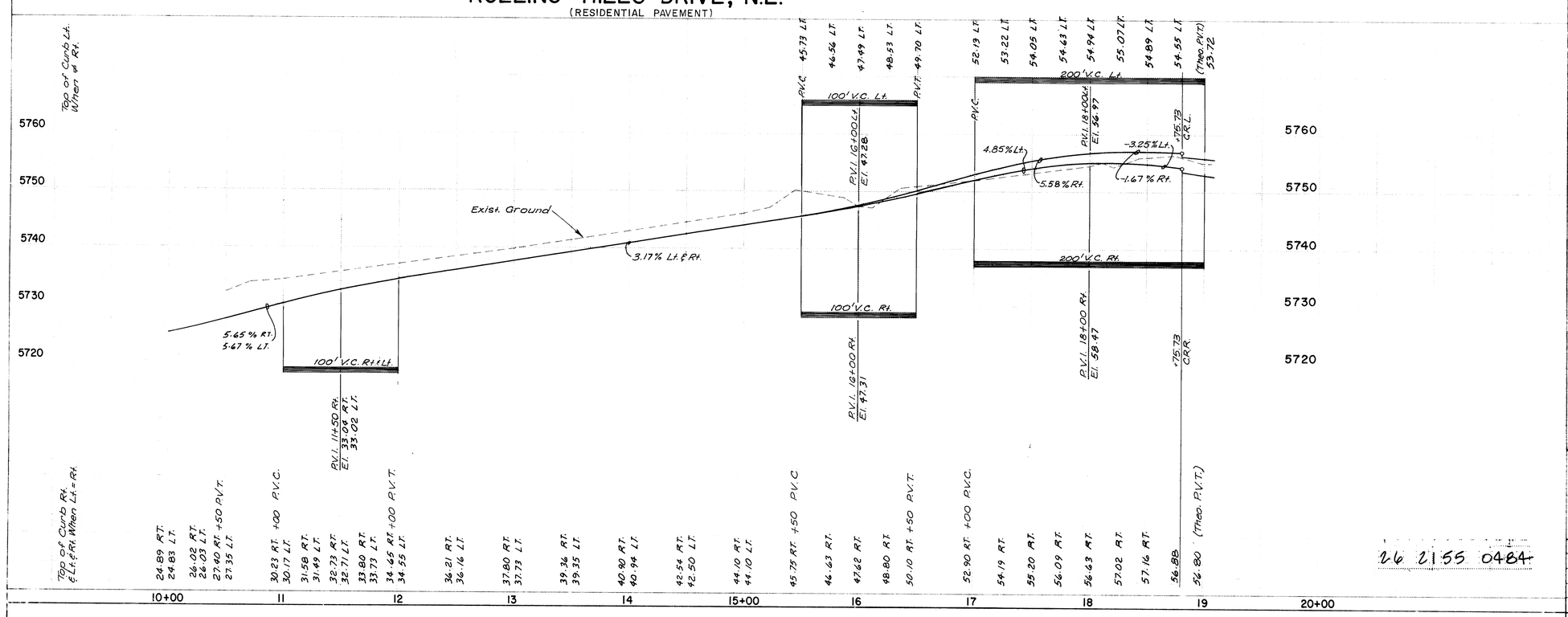
TRANSITION - CROWN TO SUPERELEVATION

N. T. S.



ROLLING HILLS DRIVE, N.E.

(RESIDENTIAL PAVEMENT)



26 2155 0484

BENCH MARK

ACS BRASS CAP "3-E21A 1977" LOCATED WEST OF THE TANOAN COUNTRY CLUBHOUSE AND APPROXIMATELY 1000' NORTH OF THE INTERSECTION OF SEVILLE DRIVE N.E. AND ACADEMY ROAD N.E. ELEV. = 5765.23

KNC Inc.

M. Pond 10-17-84

SURVEY MARKING

FIELD BK. PG.

NO

ENGINEER'S SEAL

RECORD DRAWING

I, Claude A.L. Pilley, N.M.P.E. & L.S. No. 4981, hereby certify that this drawing has been revised in accordance with information furnished by K.N.C. Inc. Field surveys and that both the revisions and field surveys were done under my personal direction and control.

CLAUDE A.L. PILLEY

SCALE : 1" = 50' Horizontal
1" = 10' Vertical

NO	DATE	REMARKS	BY
1	10-17-84	Revised To Show As-Builts	M.P.

REVISIONS

DESIGN K.N.W. DATE JUNE, 1984
DRAWN C.S.S. DATE JUNE, 1984
CHECKED K.N.W. DATE JUNE, 1984

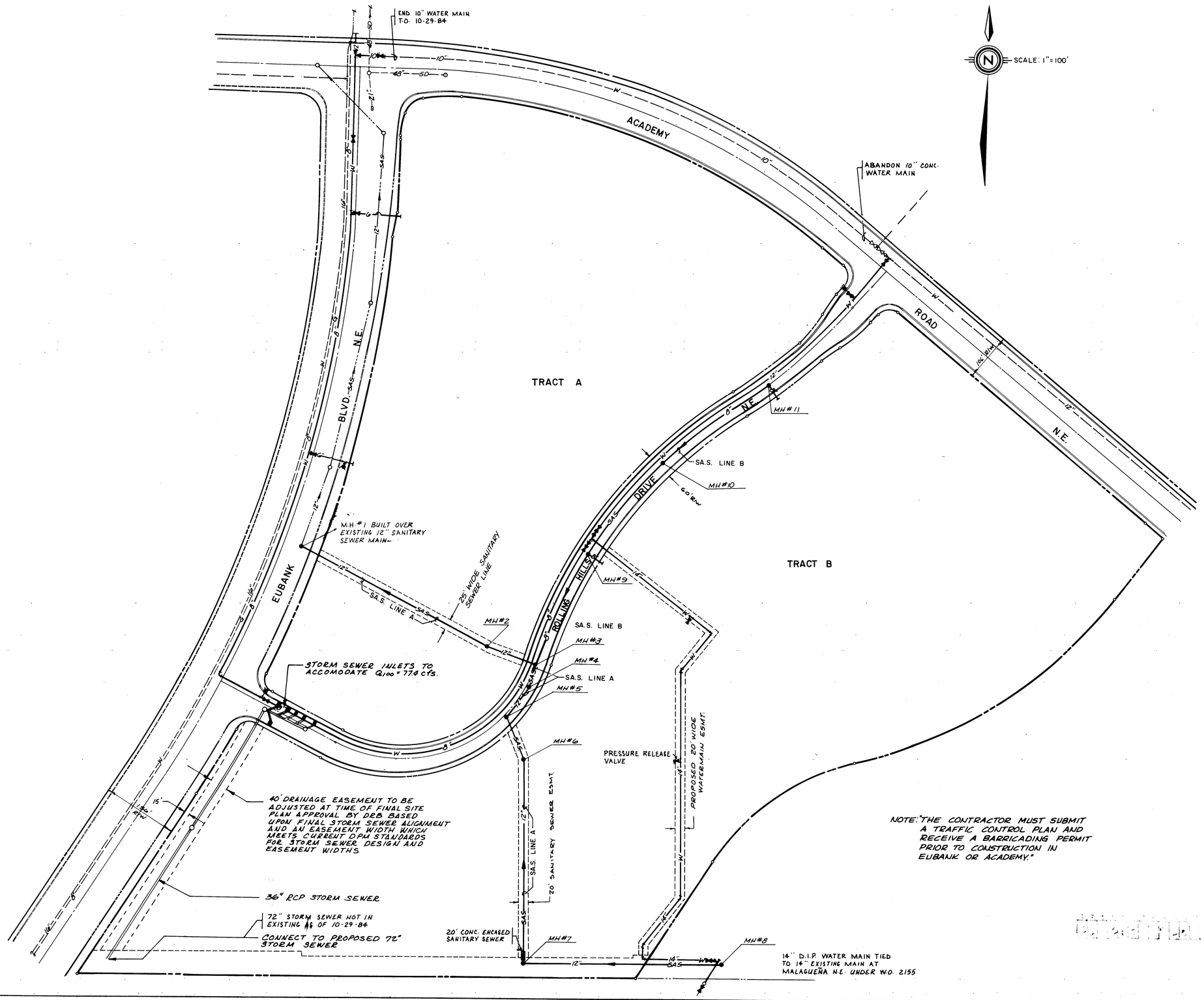
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE THE MEADOWS - PAVING PLAN AND PROFILE

ROLLING HILLS DRIVE, N.E.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/11/84			
A.C.E. Design		7/11/84	Traffic		7/10/84
A.C.E. Hydrology		7/9/84	Water Resources		7-9-84

DRAWING NO	MAP NO	SHEET	OF
2155	E-21	4	12



GENERAL UTILITY NOTES:

1) The Contractor shall furnish ELDs on all Water & Sewer service stubs, caps and plugs.

2) All stationing refers to street centerline unless noted otherwise.

3) Contractor shall field verify locations and elevations of all existing pipe & utilities prior to construction.

4) All tees, bends and caps shall be blocked according to City of Albuquerque Standards.

5) All pipe shall be furnished with class "C" bedding unless otherwise noted.

6) Where gate valves and hydrants are shown at intersections, these shall be located opposite curb return indicated.

7) All trench backfill shall be compacted to a minimum of 90% of optimum (Modified).

8) Pipe Specifications:

8" WM - Class 150 AWWA C900
14" WM - Class 2 DIP
12" San Sewer - SDR-35

9) All Watermain Fittings shall be cast iron, push-on bell tight or MJ.

LEGEND

EXIST. SANITATY SEWER	—SAS—
EXIST. WATER	—W—
EXIST GAS	—G—
PROPOSED SANITARY SEWER	—SAS—
PROPOSED WATER	—W—
FUTURE SANITARY SEWER	—SAS—
FUTURE STORM DRAIN	—SD—
EXIST. MANHOLE	○
PROPOSED MANHOLE	●
EXIST. VALVE	⋈
PROPOSED VALVE	⋈
EXIST. REDUCER	◁
PROPOSED REDUCER	◀
TEE	⊥
BEND	⊥
CAP AND PLUG	⊥

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

AS BUILT INFORMATION

CONTRACTOR
WORK STAKED BY
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

ACS BRASS CAP "3-E21A 1977" LOCATED WEST OF THE TANOAN COUNTRY CLUBHOUSE AND APPROXIMATELY 1000' NORTH OF THE INTERSECTION OF SEVILLE DRIVE N.E. AND ACADEMY ROAD N.E. ELEV. = 5765.23

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JEFF W. BUSLER — NEW MEXICO — REGISTERED PROFESSIONAL ENGINEER
6/21/84

14" DIP WATER MAIN

NO.	DATE	REMARKS	BY
1	11/84	REVISIONS	CSC

DESIGN

DESIGNED BY A.S. — DATE JUNE, 1984
DRAWN BY C.S.S. — DATE JUNE, 1984
CHECKED BY K.M.W. — DATE JUNE, 1984

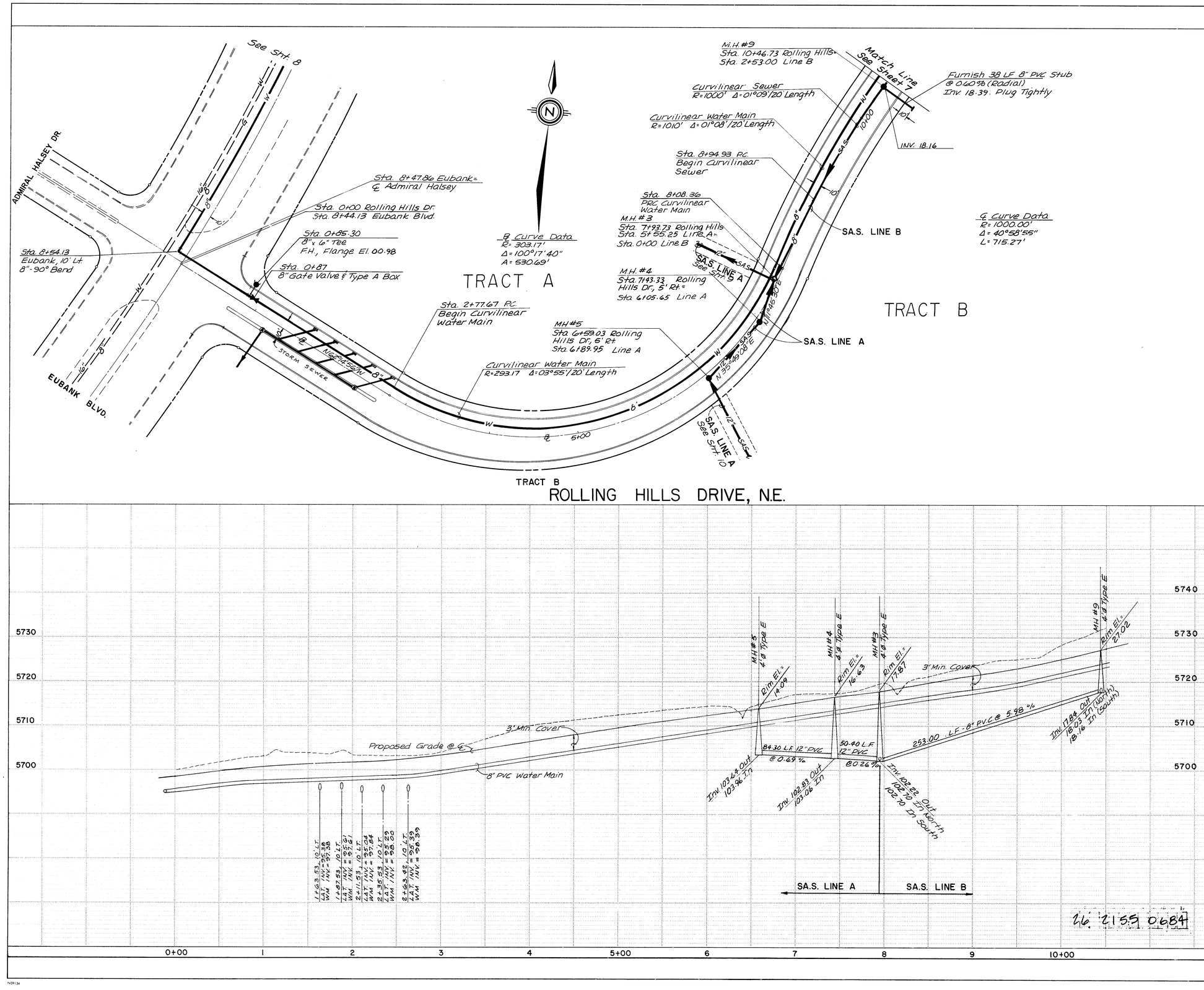
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: THE MEADOWS

UTILITY COMPOSITE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C.A. Gurney	7/11/84	Liquid Waste	R. Peña	7-9-84
A C E - Design	[illegible]	7/11/84	Traffic	N.A. Dorn	7/10/84
A C E - Hydrology	C.F. Bradley	7/9/84	Water Resources	R. Peña	7-9-84

DRAWING NO.	MAP NO.	SHEET	OF
2155	E-21	5	12



RECORD DRAWING

I, Claude A.L. Pilley, N.M.P.E. & L.S. No. 4981, hereby certify that this drawing has been revised in accordance with information furnished by K.N.C. Inc. and that the revisions and field corrections were made under my personal direction and control.

CLAUDE A.L. PILLEY

SCALE: 1" = 50' Horizontal
1" = 10' Vertical

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

BENCH MARKS	
ACS BRASS CAP "3-E21A 1977" LOCATED WEST OF THE TANOAN COUNTRY CLUBHOUSE AND APPROXIMATELY 1000' NORTH OF THE INTERSECTION OF SEVILLE DRIVE N.E. AND ACADEMY ROAD N.E. ELEV. = 5765.23	

AS BUILT INFORMATION	
CONTRACTOR	K.N.C. Inc.
WORK STAKED BY	
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY M. Pohl	DATE 10-17-84
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

ENGINEER'S SEAL

NO.	DATE	BY	REMARKS
2	10-17-84	MP	Revised To Show As-Builts
1	8/84	CSC	STORM SEWER

REVISIONS

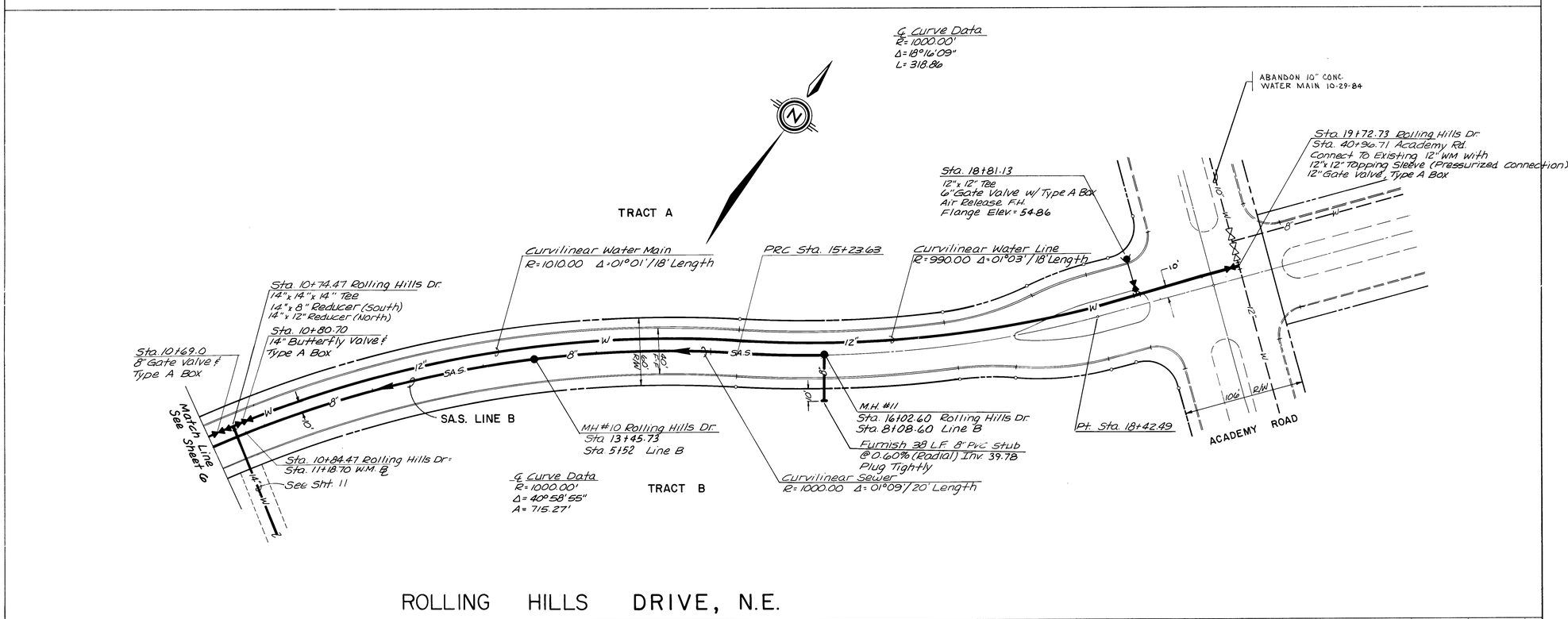
DESIGNED BY A.S. DATE JUNE, 1984
DRAWN BY C.S.S. DATE JUNE, 1984
CHECKED BY K.M.W. DATE JUNE, 1984

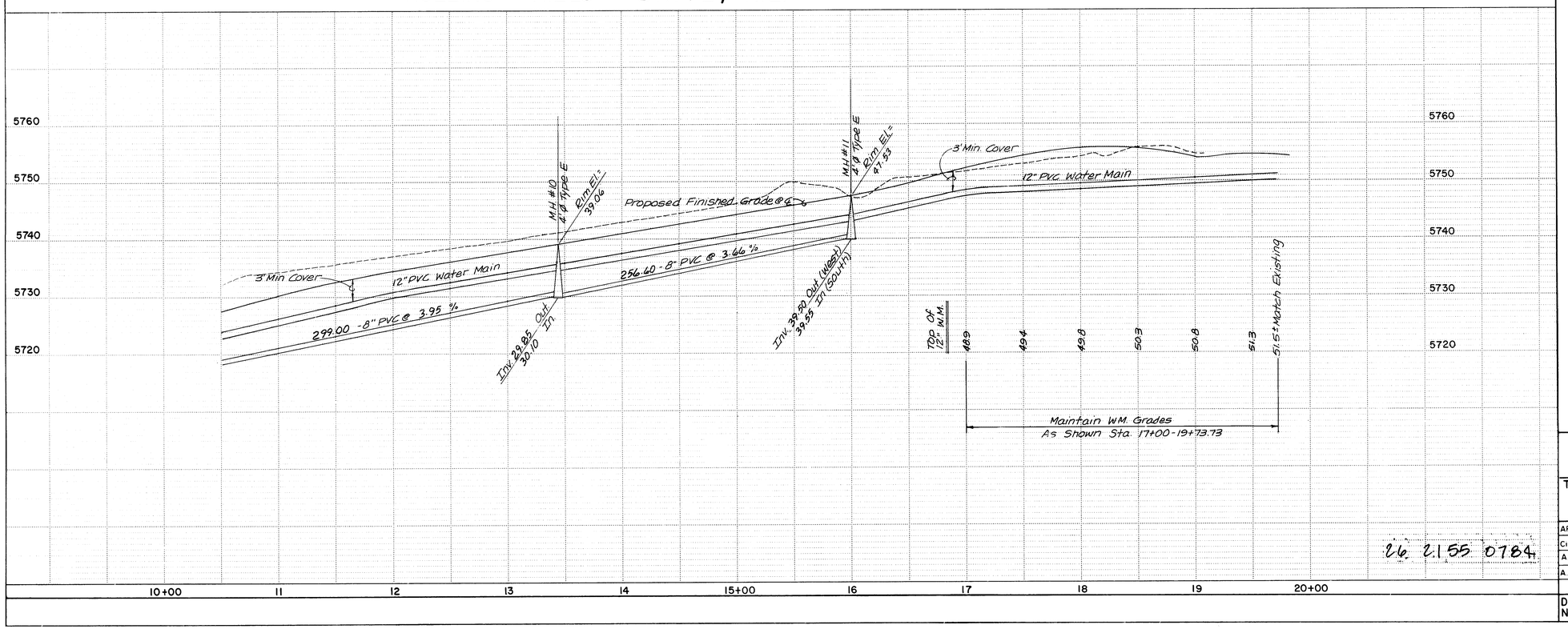
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: THE MEADOWS – UTILITY PLAN AND PROFILE
ROLLING HILLS DRIVE, N.E.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/16/84			
A.C.E.-Design		7/16/84	Traffic		7/10/84
A.C.E.-Hydrology		7/10/84	Water Resources		7-9-84

DRAWING NO.	MAP NO.	SHEET	OF
2155	E-21	6	12





26 2155 0784

RECORD DRAWING

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Claude A.L. Pilley
CLAUDE A.L. PILLEY

SCALE: 1" = 50' Horizontal
1" = 10' Vertical

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: THE MEADOWS – UTILITY PLAN AND PROFILE
ROLLING HILLS DRIVE, N.E.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/11/84			
A.C.E.-Design		7/11/84	Traffic	N.A. Baptiste	7/10/84
A.C.E.-Hydrology	N.A. Baptiste	7/9/84	Water Resources	R. Peña	7-9-84

DRAWING NO. 2155 | MAP NO. E-21 | SHEET 7 OF 12

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS
ACS BRASS CAP "3-E21A 1977" LOCATED WEST OF THE TANDEM COUNTRY CLUBHOUSE AND APPROXIMATELY 1000' NORTH OF THE INTERSECTION OF SEVILLE DRIVE N.E. AND ACADEMY ROAD N.E. ELEV. = 5765.23

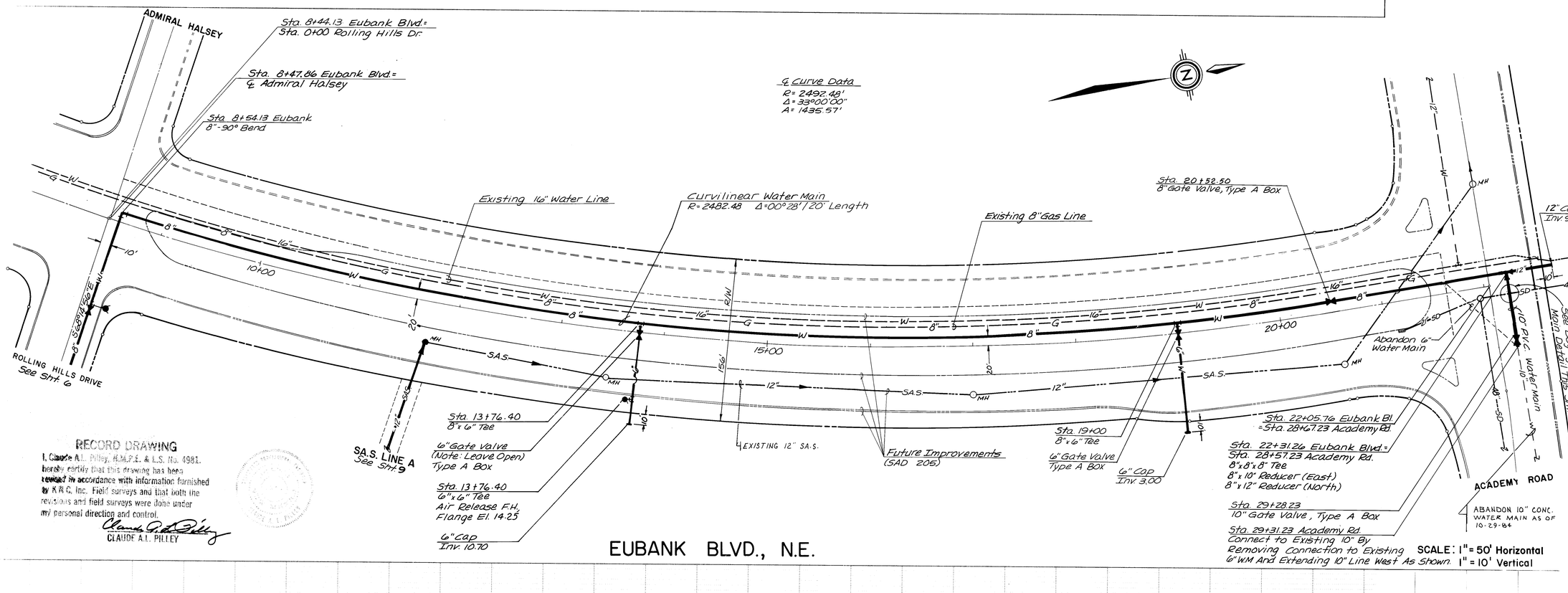
AS BUILT INFORMATION
CONTRACTOR KNC Inc.
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWING CORRECTED BY M. Pohl DATE 10-17-84
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

ENGINEER'S SEAL
Claude A.L. Pilley
6/21/84

NO.	DATE	REMARKS	BY
1	10-17-84	Revised To Show As Builts	M.P.

REVISIONS

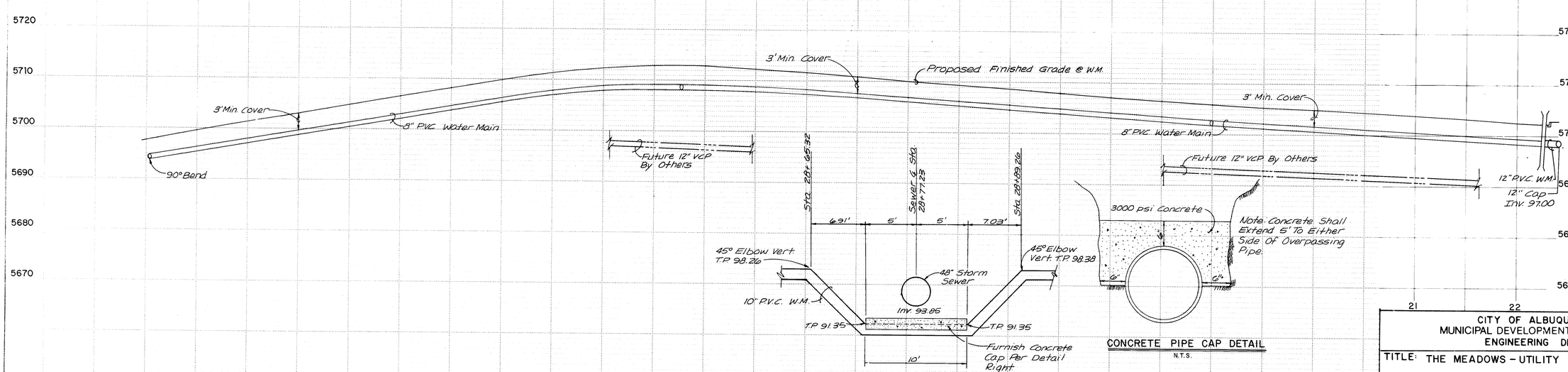
DESIGN
DESIGNED BY A.S. — DATE JUNE, 1984
DRAWN BY C.S.S. — DATE JUNE, 1984
CHECKED BY R.M.W. — DATE JUNE, 1984



RECORD DRAWING

I, Claude A.L. Pilley, N.M.P.E. & L.S. No. 4981, hereby certify that this drawing has been revised in accordance with information furnished by K.M.C. Inc. Field surveys and that both the revisions and field surveys were done under my personal direction and control.

CLAUDE A.L. PILLEY



2.6 2155 0884

AS BUILT INFORMATION

CONTRACTOR KNC Inc.
WORK STAKED BY
INSPECTED BY
ACCEPTANCE BY
FIELD LOCATION BY
DRAWINGS CORRECTED BY M. Pohl DATE 10-17-84
MICRO-FILM INFORMATION
RECORDED BY
NO. DATE

BENCH MARKS

ACS BRASS CAP "3-E21A 1977" LOCATED WEST OF THE TANOAN COUNTRY CLUBHOUSE AND APPROXIMATELY 1000' NORTH OF THE INTERSECTION OF SEVILLE DRIVE N.E. AND ACADEMY ROAD N.E. ELEV. = 5765.23

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	10-17-84	Revised To Show As-Builts	M.P.

REVISIONS

DESIGN

DESIGNED BY A.S. DATE JUNE, 1984
DRAWN BY C.S.S. DATE JUNE, 1984
CHECKED BY K.M.W. DATE JUNE, 1984

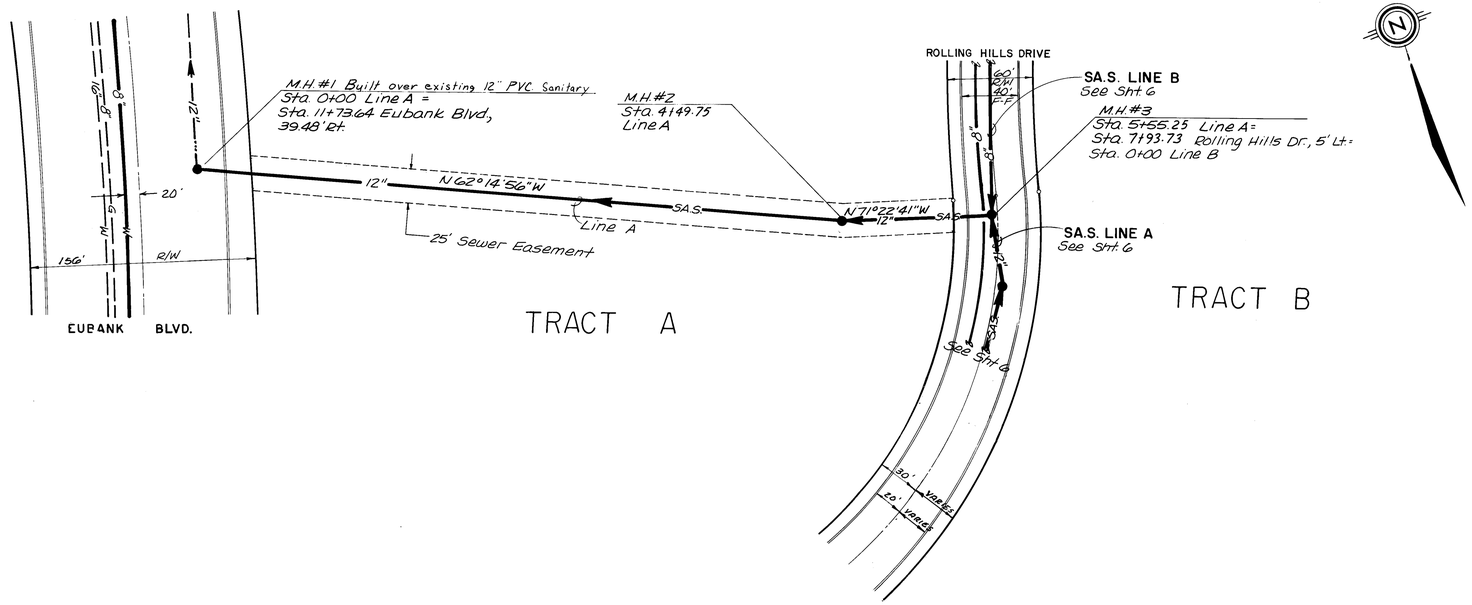
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: THE MEADOWS - UTILITY PLAN AND PROFILE

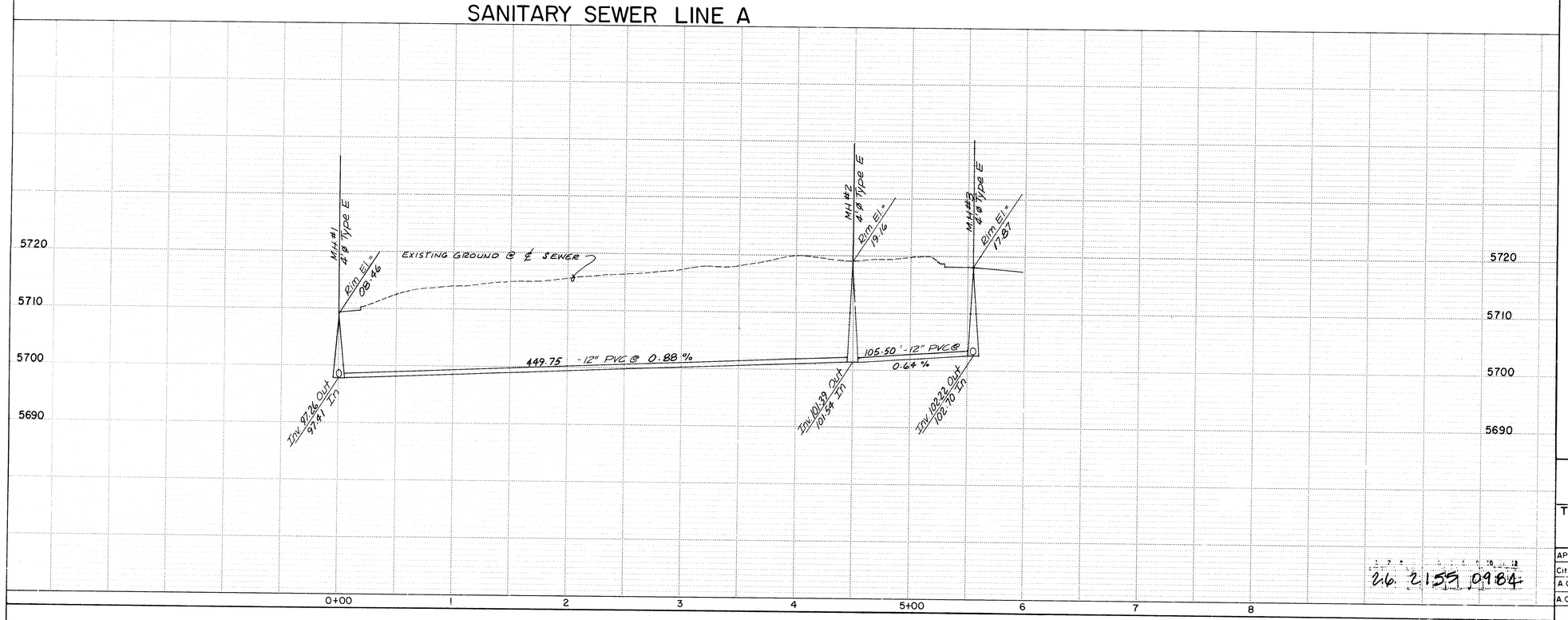
EUBANK BLVD., N.E.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/11/84			
A.C.E. - Design		7/11/84	Traffic		7/10/84
A.C.E. - Hydrology	NA.	7/9/84	Water Resources		7-9-84

DRAWING NO. 2155 MAP NO. E-21 SHEET 8 OF 12



SANITARY SEWER LINE A



216. 2159 0984

RECORD DRAWING

I, Claude A.L. Pilley, N.M.P.E. & L.S. No. 4981, hereby certify that this drawing has been revised in accordance with information furnished by K N C. Inc. Field surveys and test both the revisions and field changes were done under my personal direction and control.

Claude A.L. Pilley
CLAUDE A.L. PILLEY

SCALE: 1" = 50' Horizontal
1" = 10' Vertical

NO.	DATE	REVISIONS	BY
1	10-17-84	Revised To Show As-Builts	MMP

DESIGN	
DESIGNED BY	A.S.
DRAWN BY	C.S.S.
CHECKED BY	K.M.W.

DATE JUNE, 1984
DATE JUNE, 1984
DATE JUNE, 1984

AS BUILT INFORMATION
CONTRACTOR KNC Inc.
WORK STAKED BY
INSPECTED BY — DATE
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY M. Pons
MICRO-FILM INFORMATION — DATE 10-15-84
RECORDED BY
NO — DATE

BENCH MARKS
ACS BRASS CAP "3-E21A 1977" LOCATED WEST OF THE TANOAN COUNTRY CLUBHOUSE AND APPROXIMATELY 1000' NORTH OF THE INTERSECTION OF SEVILLE DRIVE N.E. AND ACADEMY ROAD N.E. ELEV. = 5765.23

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

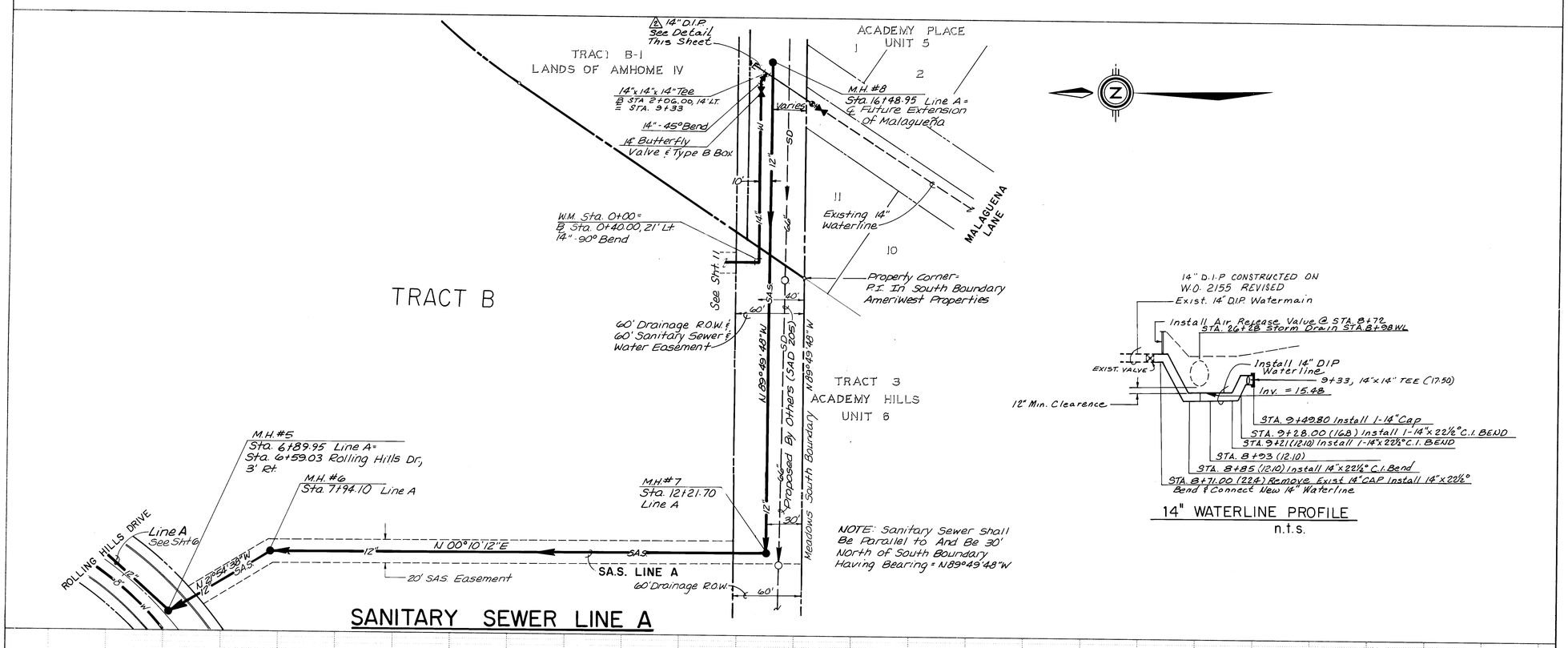
ENGINEER'S SEAL
6/21/84

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: THE MEADOWS - UTILITY PLAN AND PROFILE
SANITARY SEWER LINE A

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C.D. Sparger	7/6/84			
A.C.E.-Design	A. Chiba	7/11/84	Traffic	N.A. Dwh	7/10/84
A.C.E.-Hydrology	N.A. Baft	7/9/84	Water Resources	R. Peña	7-9-84

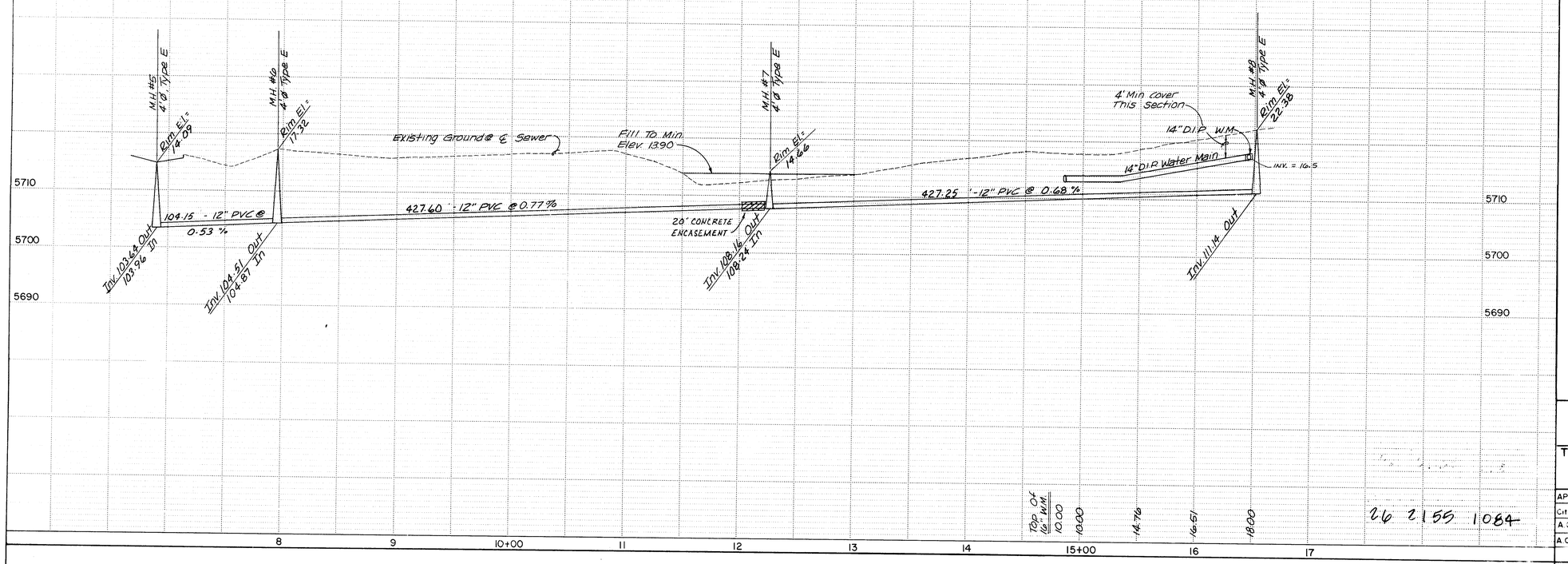
DRAWING NO.	MAP NO.	SHEET	OF
2155	E-21	9	12



SANITARY SEWER LINE A

14" WATERLINE PROFILE

n.t.s.



RECORD DRAWING

I, Claude A.L. Pilley, N.M.P.L. & L.S. No. 4981. hereby certify that this survey has been revised in accordance with information furnished by K.N.C. Inc. Field surveys and/or both the revisions and field surveys were done under my personal direction and control.

CLAUDE A.L. PILLEY

SCALE : 1" = 50' Horizontal
1" = 10' Vertical

NO.	DATE	REVISIONS	BY
1	10-17-84	Revised To Show As-Builts	
2	11-84	14" D.I.P WATERMAIN	C.S.C.

DESIGNED BY A.S. DATE JUNE, 1984
DRAWN BY C.S.S. DATE JUNE, 1984
CHECKED BY R.M.W. DATE JUNE, 1984

ENGINEER'S SEAL

AS BUILT INFORMATION
CONTRACTOR KNC, Inc.
WORK STAKED BY DATE
INSPECTOR DATE
ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY M. Pohl DATE 10/17/84
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS BRASS CAP "3-E21A 1977" LOCATED WEST OF THE TANOAN COUNTRY CLUBHOUSE AND APPROXIMATELY 1000' NORTH OF THE INTERSECTION OF SEVILLE DRIVE N.E. AND ACADEMY ROAD N.E. ELEV. = 5765.23

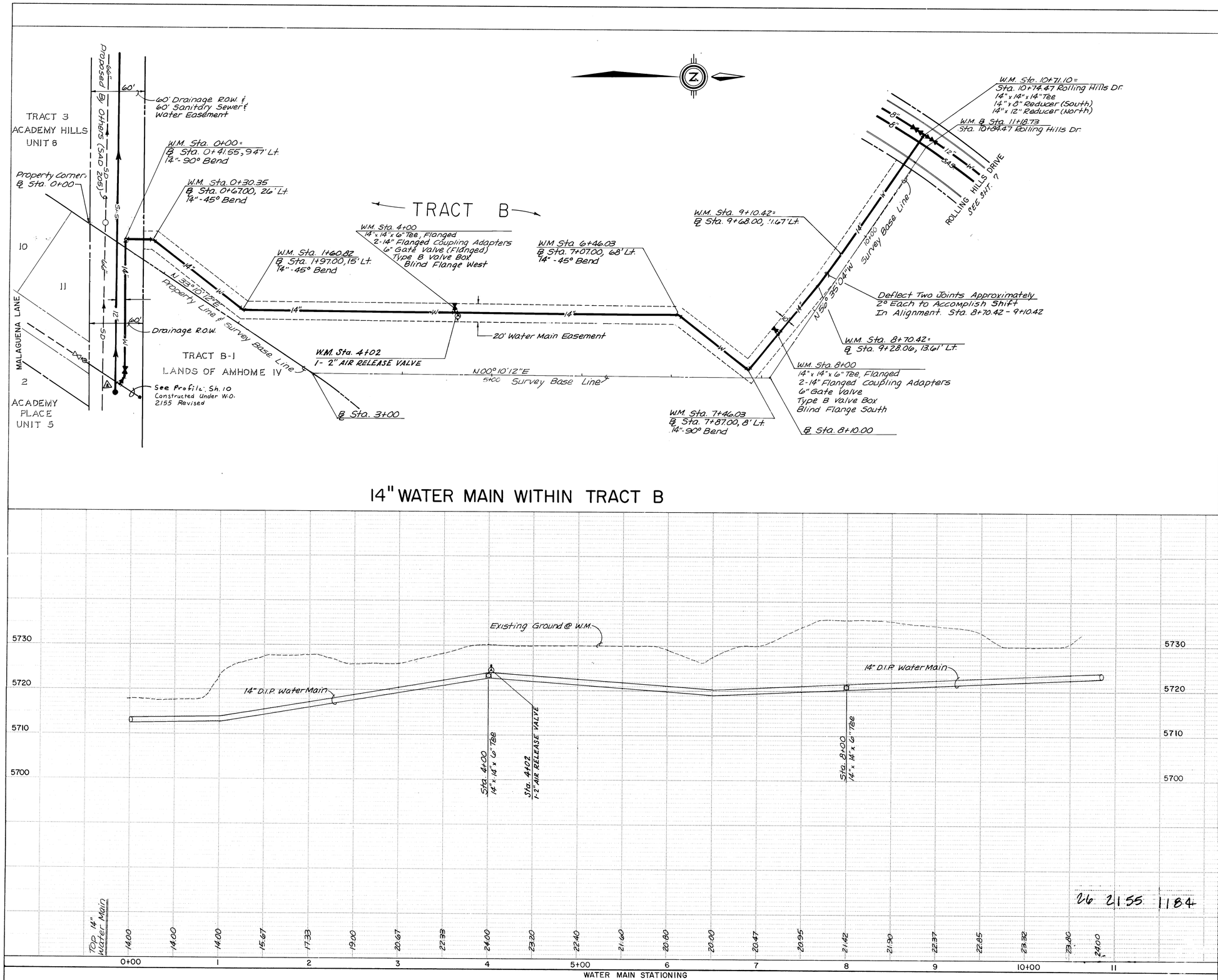
SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: THE MEADOWS - UTILITY PLAN AND PROFILE
SANITARY SEWER LINE A

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/11/84			
A.C.E.-Design		7/11/84	Traffic	N.A.	7/10/84
A.C.E.-Hydrology	N.A.	7/9/84	Water Resources	R.	7-9-84

DRAWING NO.	MAP NO.	SHEET	OF
2155	E-21	10	12



14" WATER MAIN WITHIN TRACT B

26 2155 1184

RECORD DRAWING

I, Claude A.L. Pilley, N.M.P.E. & L.S. No. 4981, hereby certify that this drawing has been revised in accordance with information furnished by K N C, Inc. Field surveys and that both the revisions and field surveys were done under my personal direction and control.

CLAUDE A.L. PILLEY

SCALE: 1" = 50' Horizontal
1" = 10' Vertical

NO.	DATE	REMARKS	BY
4	11-84	14" D.I.P. WATERMAIN	C.S.C.
1	10-17-84	Revised To Show As-Builts	M.P.
3	7-10-84	ADDED AIR RELEASE VALVE PERMIT	V.E.L.

REVISIONS

DESIGN
DESIGNED BY A.S. DATE JUNE, 1984
DRAWN BY C.S.S. DATE JUNE, 1984
CHECKED BY R.M.W. DATE JUNE, 1984

ENGINEER'S SEAL

AS BUILT INFORMATION
CONTRACTOR KNC, Inc.
WORK STAKED BY
INSPECTORS DATE
RECEIVED BY
RECEIVED DATE
VERIFICATION BY
DRAWINGS CORRECTED BY M. Pohl DATE 10-17-84
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS BRASS CAP "3-E21A 1977" LOCATED WEST OF THE TANDAN COUNTRY CLUBHOUSE AND APPROXIMATELY 1000' NORTH OF THE INTERSECTION OF SEVILLE DRIVE N.E. AND ACADEMY ROAD N.E. ELEV. = 5765.23

SURVEY INFORMATION
FIELD NOTES

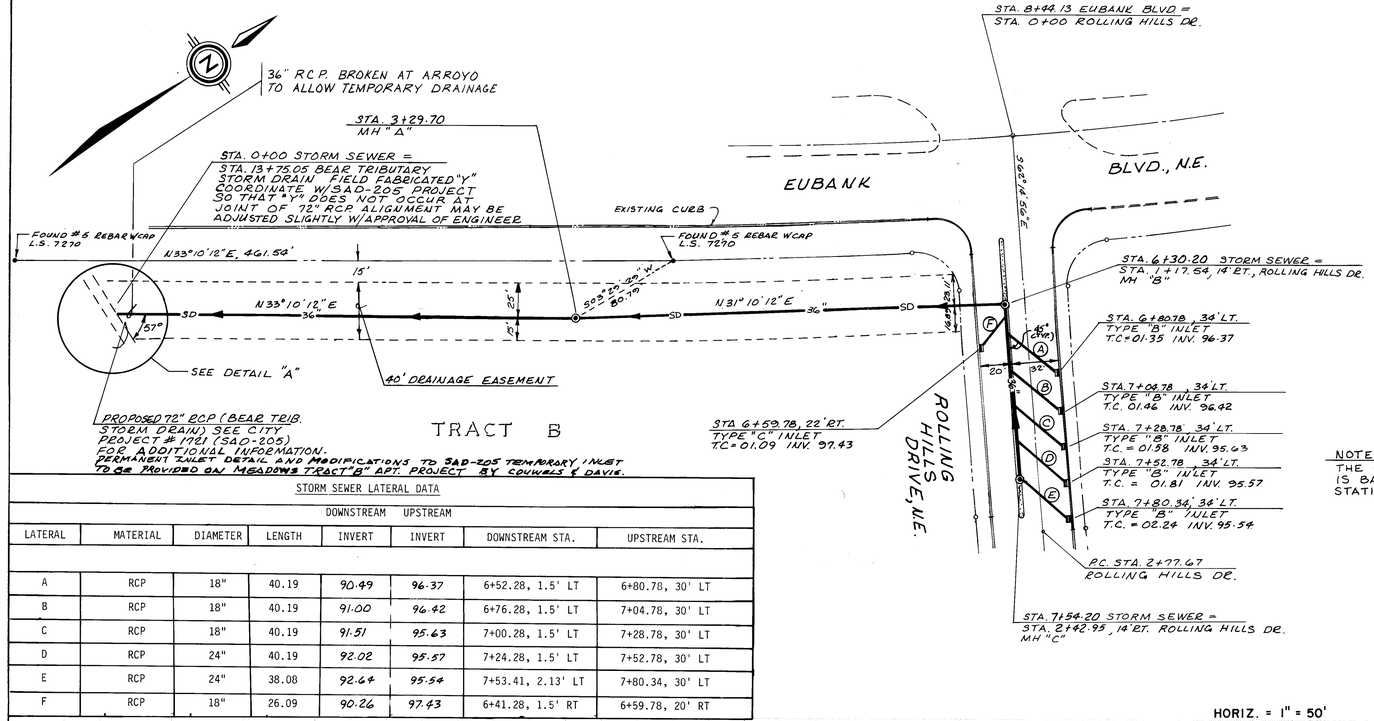
NO.	BY	DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

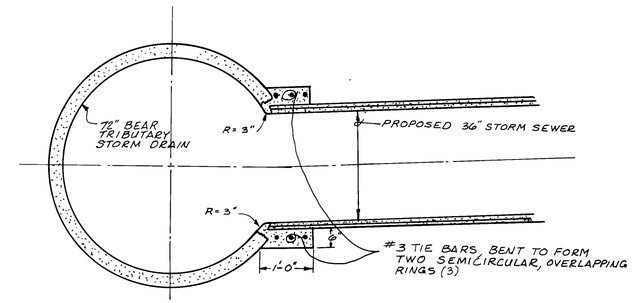
TITLE: THE MEADOWS - UTILITY PLAN AND PROFILE
14" WATERMAIN WITHIN TRACT B

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer					
A.C.E.-Design		7/11/84	Traffic		7/10/84
A.C.E.-Hydrology	N.A.	7/9/84	Water Resources	R. Fava	7-9-84

DRAWING NO. 2155 | MAP NO. E-21 | SHEET 11 OF 12



NOTE: CUT CIRCULAR OPENING IN MAIN PIPE WITH CHISEL-TIPPED JACK HAMMER TO A DIAMETER 4" WIDER THAN O.D. OF LATERAL. EXPOSE REINFORCEMENT IN BOTH PIPE AND SPOT WELD MAIN PIPE REINFORCEMENT TO LATERAL REINFORCEMENT. THEN FILL ALL VOIDS W/CONCRETE



DETAIL "A"
FIELD FABRICATED "Y"
N.T.S.

NOTE:
THE STATIONING FOR INLETS IS BASED ON STORM SEWER STATIONING.

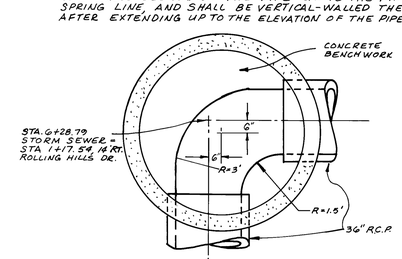
STORM SEWER LATERAL DATA

LATERAL	MATERIAL	DIAMETER	LENGTH	DOWNSTREAM INVERT	UPSTREAM INVERT	DOWNSTREAM STA.	UPSTREAM STA.
A	RCP	18"	40.19	90.49	96.37	6+52.28, 1.5' LT	6+80.78, 30' LT
B	RCP	18"	40.19	91.00	96.42	6+76.28, 1.5' LT	7+04.78, 30' LT
C	RCP	18"	40.19	91.51	95.63	7+00.28, 1.5' LT	7+28.78, 30' LT
D	RCP	24"	40.19	92.02	95.57	7+24.28, 1.5' LT	7+52.78, 30' LT
E	RCP	24"	38.08	92.64	95.54	7+53.41, 2.13' LT	7+80.34, 30' LT
F	RCP	18"	26.09	90.26	97.43	6+41.28, 1.5' RT	6+59.78, 20' RT

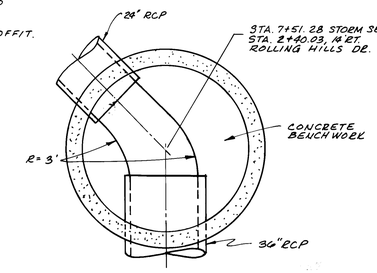
HORIZ. = 1" = 50'
VERT. = 1" = 10'

RECORD DRAWING
I, Claude A.L. Pilley, R.M.P.S. & L.S. No. 4081, hereby certify that this drawing has been revised in accordance with information furnished by K.N.C. Inc. Field surveys and that both the revisions and field surveys were done under my personal direction and control.
CLAUDE A.L. PILLEY

NOTE ON BENCHWORK: MANHOLE BENCHWORK SHALL CONSIST OF 3000 PSI CONCRETE SHALL CONFORM TO THE CROSS SECTION OF THE PIPE UP TO THE PIPE SPRING LINE, AND SHALL BE VERTICAL-WALLED THERE AFTER EXTENDING UP TO THE ELEVATION OF THE PIPE SOFFIT.



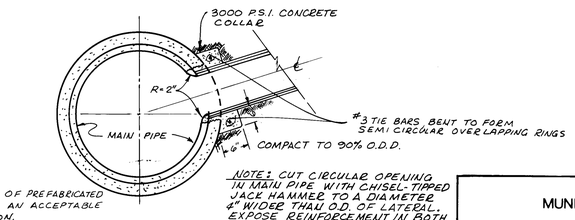
MANHOLE "B"



MANHOLE "C"

STORM SEWER
MANHOLE BENCHWORK
N.T.S.

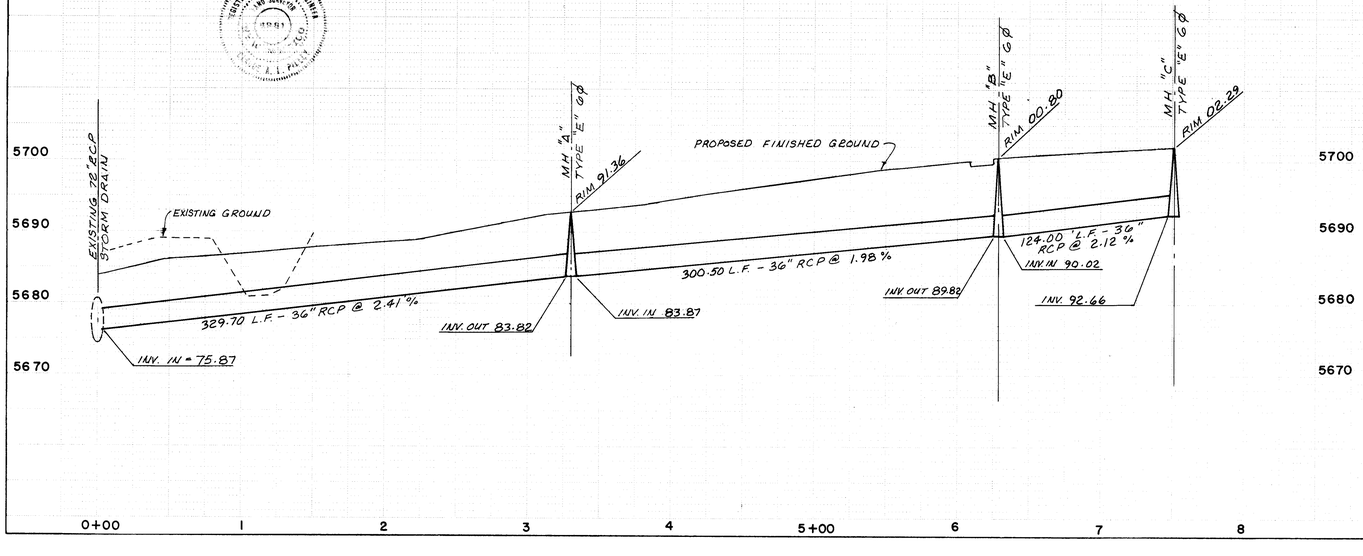
NOTE: THE B' LENGTHS OF 36" RCP ARE TO BE PLACED SO THAT LATERAL CONNECTIONS ARE NOT AT THE JOINTS.



NOTE: USE OF PREFABRICATED "Y" IS AN ACCEPTABLE OPTION.

NOTE: CUT CIRCULAR OPENING IN MAIN PIPE WITH CHISEL-TIPPED JACK HAMMER TO A DIAMETER 4" WIDER THAN O.D. OF LATERAL. EXPOSE REINFORCEMENT IN BOTH PIPE AND SPOT WELD PIPE REINFORCEMENT TO LATERAL REINFORCEMENT THEN FILL ALL VOIDS WITH CONCRETE.

LATERAL CONNECTION DETAIL
N.T.S.



AS BUILT INFORMATION
CONTRACTOR KNC. Inc.
WORK STAKED BY
WORK INSPECTED BY
ACCEPTANCE BY
DATE
FIELD VERIFICATION BY
DRAWINGS CORRECTED BY M. POHL DATE 10-18-84
MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
JAMES H. WILLIAMS NEW MEXICO PROFESSIONAL ENGINEER 7172
8/29/84

NO.	DATE	REMARKS	BY
2	10-18-84	Revised To Show As-Builts	MMP
1	8/84	STORM SEWER (New Sheet)	CBC

REVISIONS
DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: THE MEADOWS-UTILITY PLAN AND PROFILE
36" STORM SEWER & DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C.A.L. Pilley	7/16/84	Liquid Waste	R. Lucero	8/29/84
A C E - Design	G. R. Lucero	7/19/84	Traffic	N. Dahl	8/29/84
~~ACE~~ - Hydrology	B. J. Lovelady	8/29/84	Water	R. Lucero	8/29/84

DRAWING NO. 2155 | MAP NO. E-21 | SHEET 12 OF 12