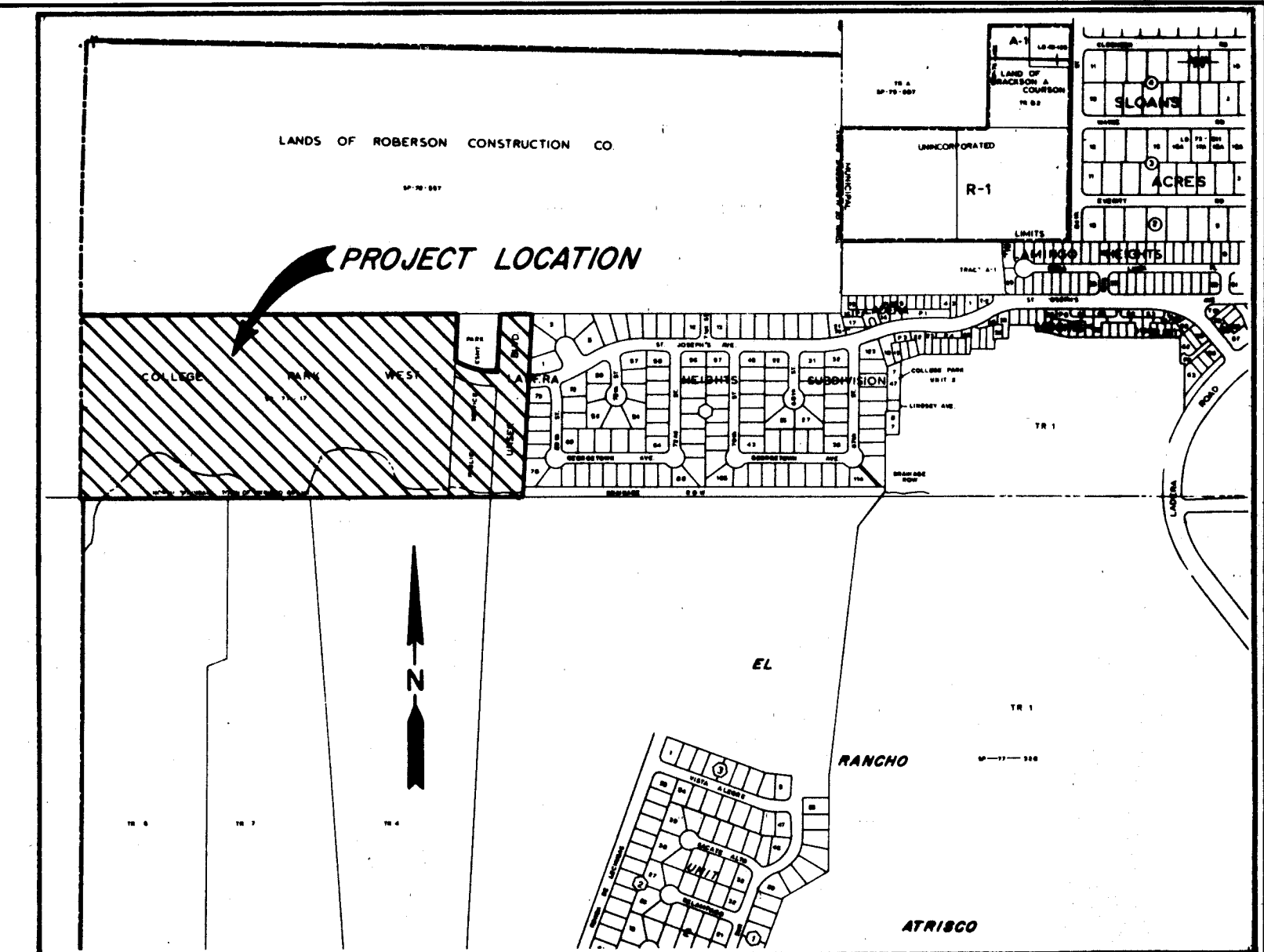




VICINITY MAP
Scale: 1" = 800'

G - 10

CONSTRUCTION PLANS FOR COLLEGE PARK WEST

ST. JOSEPH'S AVENUE PAVING, SANITARY SEWER,
WATERLINE & RINCONADA CHANNEL

SHEET NO.	DESCRIPTION
1	COVER SHEET, GENERAL NOTES & INDEX
2	PLAT SHEET
3	GRADING PLAN
4	GRADING PLAN
5	OVERALL STREET PLAN, WATER DISTRIBUTION PLAN & SANITARY SEWER PLAN
6	STREET PLAN & PROFILE
7	SANITARY SEWER LINE & WATER LINE PLAN & PROFILE
8	RINCONADA CHANNEL PLAN & PROFILE
9	RINCONADA CHANNEL PLAN & PROFILE
10	RINCONADA CHANNEL X-SECTIONS
11	RINCONADA CHANNEL X-SECTIONS
12	RINCONADA CHANNEL X-SECTIONS
13	DETAILS

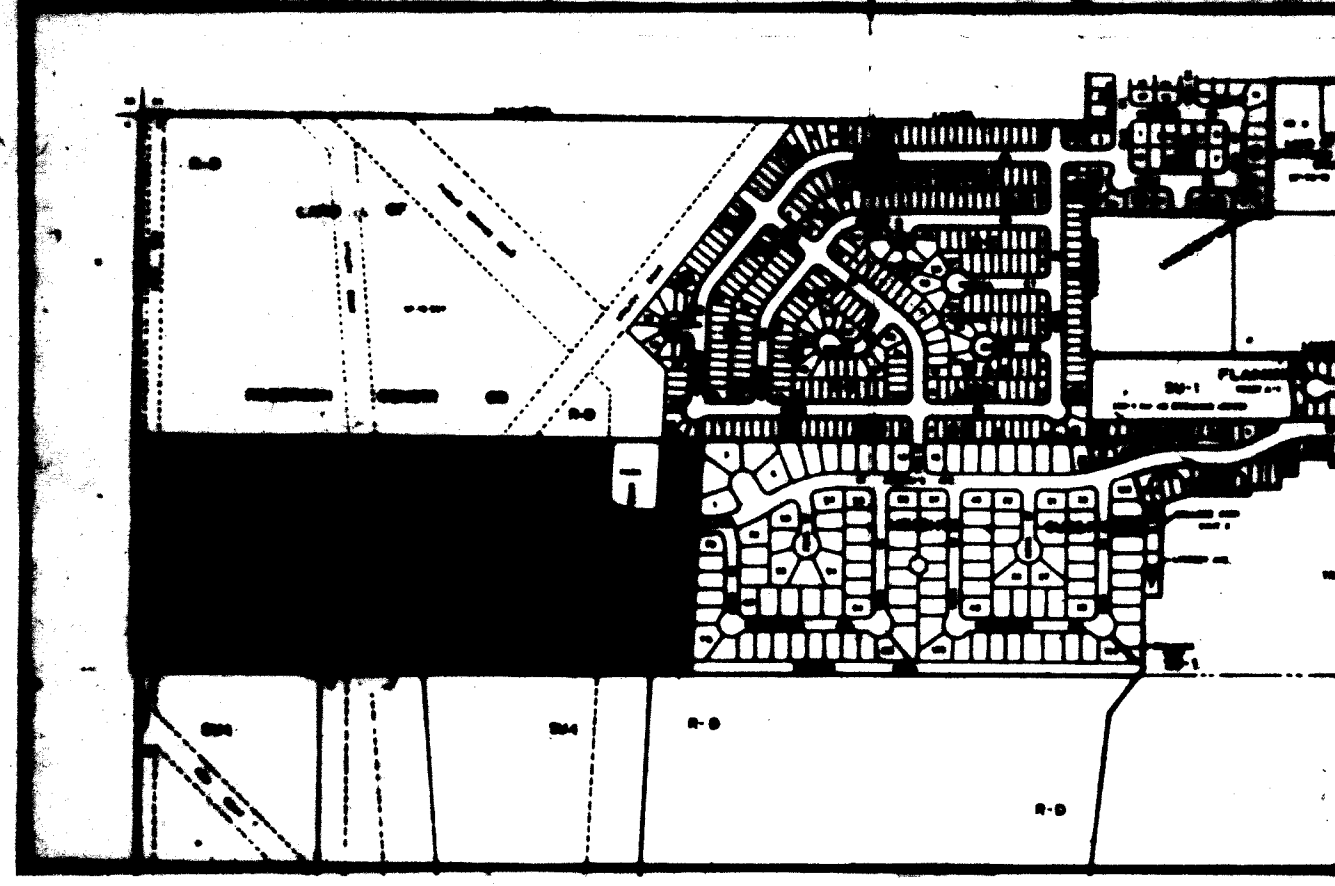
- GENERAL NOTES
- All work detailed on these plans to be performed under contract shall, except otherwise stated or provided for hereon, be constructed in accordance with the New Mexico Standard Specifications for Public Works Construction - 1979 Edition (referred herein as the Standard Specifications) and the contract documents for Public Works Contract No. 85-1.
 - Two (2) 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 potential obstructions. Should a conflict exist, the Contractor shall notify the Engineer so that the conflict can be resolved with a minimum amount of delay.
 - All work on this project shall be performed in accordance with applicable Federal, State and Local laws, rules, and regulations concerning construction safety and health.
 - Contractor shall maintain access to adjacent properties during construction.
 - All gas, electric, telephone lines, cables, and appurtenances encountered during construction that require relocation, shall be done by the responsible utility. Contractor shall be responsible for coordination of all necessary utility adjustments.
 - It will be the Contractor's responsibility to protect and maintain in service all existing utilities.
 - The Contractor will be required to confine his work within the construction limits and/or public right-of-way to preserve existing vegetation and private property. Overnight parking of construction equipment shall not obstruct driveways or designated traffic lanes.
 - A disposal site for all excess excavation material, asphaltic paving, concrete curbs and sidewalks, etc., shall be obtained by the Contractor in compliance with applicable environmental regulations and approved by the Field Engineer. All costs incurred in obtaining a disposal site and haul thereto shall be considered incidental to the project and no separate measurement or payment shall be made.
 - Any existing utility service lines that do not require relocation and are damaged by the Contractor shall be removed and replaced at the Contractor's expense. This expense shall be considered incidental to the project and no separate payment shall be made.

DATE OF A MULTIPLE
PROJECT CONSTRUCTION
Russell B. Smith
DATE 8-4-86

1 2 3 4 5 6 7 8 9 10 11 12
26 23800186

REV.	SHEETS	CITY	ENGR.	DATE	USER	DEPT.	DATE	USER	DEPT.	DATE
APPROVAL OF REVISIONS										
ENGINEERS SEAL					ESPEY, HUSTON & ASSOC., INC. Engineering & Environmental Consultants 4801 INDIAN SCHOOL ROAD N.E. SUITE 204 ALBUQUERQUE, NEW MEXICO 87110 PHONE (505) 255-1625			APPROVED FOR CONSTRUCTION C.E.		
					PROJECT NUMBER 2380			SHEET 1 OF 13		

THIS PLAT HAS BEEN RE-FILED AS A "CORRECTED" PLAT
TO CORRECT THE EASEMENT WIDTH OF THE PLAINS ELECTRIC EASEMENT
TO A 125' WIDTH.



LOCATION MAP
Scale: 1"=750'

GENERAL DATA

- SUBDIVISION CASE NO. SP-84-165
- ZONE: ATLAS INDEX NO. G-10
- GROSS SUBDIVISION ACRES = 40.9128 ACRES
- TOTAL NUMBER OF TRACTS CREATED = 8
- 0.21 MILES OF PUBLIC STREETS ARE CREATED IN THIS SUBDIVISION
- DATE OF SURVEY: AUGUST, 1983

- BASES OF BEARINGS IS GRID NORTH BASED ON THE SOUTH LINE OF LADERA HEIGHTS SUBDIVISION
- ALL DISTANCES ARE GROUND DISTANCES
- BENCH MARK: SEE SHEET 2
- GROUND BEARINGS AND DISTANCES ARE IDENTICAL WITH RECORD
- SEE NOTE (C), SHT. 2, FOR INFORMATION ON CITY-DEVELOPER AGREEMENT ON UNSER BLVD.

TABLE OF FLOOD PLAIN COURSES			
NORTH FLOOD PLAIN BOUNDARY		SOUTH FLOOD PLAIN BOUNDARY	
COURSE	BEARING	COURSE	BEARING
A-1	S 89°46'57" E	A-22	S 89°46'57" E
A-2	N 36°43'17" E	A-23	N 48°02'10" E
A-3	N 73°26'35" E	A-24	N 82°43'30" E
A-4	S 28°50'06" E	A-25	S 76°13'42" E
A-5	S 54°13'08" E	A-26	S 83°43'24" E
A-6	S 87°00'57" E	A-27	S 87°20'13" E
A-7	S 62°23'13" E	A-28	S 71°08'49" E
A-8	S 55°25'20" E	A-29	S 59°58'22" E
A-9	N 87°32'42" E	A-30	S 28°41'24" E
A-10	N 55°41'06" E	A-31	S 88°20'40" E
A-11	N 43°34'04" E	A-32	S 77°47'03" E
A-12	N 36°07'10" E	A-33	N 43°41'53" E
A-13	N 77°50'42" E	A-34	N 51°34'08" E
A-14	S 81°48'07" E	A-35	N 12°15'53" E
A-15	S 85°43'32" E	A-36	N 58°23'33" E
A-16	S 19°17'24" E	A-37	S 88°47'38" E
A-17	S 55°47'03" E	A-38	S 68°05'29" E
A-18	N 88°28'01" E	A-39	S 40°26'46" E
A-19	N 52°52'36" E	A-40	S 28°51'36" E
A-20	S 59°30'49" E	A-41	S 89°46'57" E
A-21	S 02°46'35" W	A-42	S 89°46'57" E

A CERTAIN TRACT OF LAND LOCATED WITHIN SECTION 3, T 10 N, R 2 E, N.M.P.M., SITUATE WITHIN THE CORPORATE LIMITS OF THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO AND COMPRISING ALL OF COLLEGE PARK WEST AS THE SAME IS FILED ON JANUARY 13, 1977 IN VOLUME D7, FOLIO 104 IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO AND ALSO COMPRISING TRACT K, UNSER BOULEVARD, AND A PORTION OF ST. JOSEPH'S AVENUE ALL OF LADERA HEIGHTS SUBDIVISION AS THE SAME IS FILED ON JUNE 30, 1978 IN VOLUME D8, FOLIO 155 IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE ONE MILE CORNER OF THE NORTH BOUNDARY LINE OF THE TOWN OF ATRISCO GRANT, BERNALILLO COUNTY, STATE OF NEW MEXICO, SAID POINT BEING LOCATED N 89°48'39" W, 725.18 FEET FROM THE INTERSECTION OF SAID BOUNDARY LINE WITH THE WEST RIGHT-OF-WAY LINE OF ATRISCO DRIVE, N.M.; THENCE N 89°46'57" W ALONG SAID BOUNDARY 5589.12 FEET TO THE POINT OF BEGINNING AND SOUTHEAST CORNER OF THE HEREIN DESCRIBED TRACT OF LAND;

THENCE N 89°46'57" W A DISTANCE OF 2091.22 FEET TO THE SOUTHWEST CORNER AND THENCE S 00°16'05" E A DISTANCE OF 870.14 FEET ALONG SAID SECTION LINE TO THE NORTHWEST CORNER;

THENCE S 89°46'07" E A DISTANCE OF 1778.98 FEET TO A POINT FOR CORNER; THENCE S 02°46'35" W A DISTANCE OF 231.38 FEET TO THE NORTH RIGHT-OF-WAY LINE OF ST. JOSEPH'S AVENUE;

THENCE S 60°28'25" E A DISTANCE OF 39.11 FEET ALONG SAID RIGHT-OF-WAY LINE TO A POINT OF CURVE;

THENCE CONTINUING ALONG SAID RIGHT-OF-WAY LINE ALONG A CURVE TO THE LEFT HAVING A RADIUS OF 222.54 FEET, A CENTRAL ANGLE OF 26°45'00", AN ARC LENGTH OF 103.81 FEET, AND A CHORD WHICH BEARS S 73°50'55" E TO ITS POINT OF TANGENCY THENCE S 87°13'25" E A DISTANCE OF 65.00 FEET ALONG SAID RIGHT-OF-WAY LINE TO THE INTERSECTION OF UNSER BLVD. TO A POINT FOR CORNER;

THENCE N 02°46'35" E A DISTANCE OF 281.67 FEET ALONG THE WESTERLY RIGHT-OF-WAY LINE OF UNSER BLVD. TO A POINT FOR CORNER;

THENCE S 89°46'07" E A DISTANCE OF 150.15 FEET TO A POINT FOR CORNER; THENCE S 02°46'35" W A DISTANCE OF 870.49 FEET ALONG THE EASTERLY RIGHT-OF-WAY LINE OF UNSER BLVD. TO THE POINT OF BEGINNING, AND CONTAINING 1,782,160.4 SQUARE FEET OR 40,912.8 ACRES OF LAND, MORE OR LESS.

OWNER'S CERTIFICATION

THE REPLATING OF THE LAND SHOWN HEREON IS WITH THE FREE CONSENT AND IN ACCORDANCE WITH THE DESIRES OF THE UNDERSIGNED OWNERS AND PROPRIETORS THEREOF AND SAID OWNERS DO HEREBY GRANT ALL UTILITY EASEMENTS SHOWN HEREON TO THE PUBLIC USE FOREVER INCLUDING THE RIGHTS OF INGRESS AND EGRESS BOTH SURFACE AND SUB-SURFACE, AND THE RIGHT TO TRIM INTERFERING TREES. THE UNDERSIGNED OWNERS AND PROPRIETORS ALSO GRANT TO THE CITY OF ALBUQUERQUE IN PERPETUITY ALL STORM SEWER EASEMENTS SHOWN HEREON INCLUDING THE RIGHT TO CONSTRUCT, OPERATE, INSPECT, AND MAINTAIN STORM SEWERS. UNLESS SPECIFICALLY LIMITED ELSEWHERE ON THIS PLAT, ALL EASEMENTS GRANTED TO THE CITY OF ALBUQUERQUE MAY BE USED FOR ANY OR ALL OF THE PURPOSES OF STORM SEWER, SANITARY SEWER, WATER LINE, OR DRAINAGE FACILITY EVEN THOUGH ONLY ONE OF THESE PURPOSES IS STATED ON THE EASEMENT AS DRAWN ON THE PLAT. ALL RIGHTS-OF-WAY SHOWN HEREON ARE DEDICATED TO THE CITY OF ALBUQUERQUE IN FEE SIMPLE.

THE UNDERSIGNED OWNERS AND PROPRIETORS DO HEREBY FREELY CONSENT TO ALL THE FOREGOING AND DO HEREBY REPRESENT THAT THEY ARE AUTHORIZED TO DO SO.

CITY OF ALBUQUERQUE, N.M.
OWNER OF TRACT H AND EASTERLY 150 FT. OF TRACT F.

Frank A. Kleinhenz 11-3-83
DATE
WANDA LOU BROWER 11-3-83
DATE

FRANK A. KLEINHENZ DATE
CHIEF ADMINISTRATIVE OFFICER
WANDA LOU BROWER DATE

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

ON THIS 3rd day of November, 1983, THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME BY DR. RALPH P. AND WANDA LOU BROWER.

Richard A. May 11-3-83
DATE
NOTARY PUBLIC

STATE OF NEW MEXICO
COUNTY OF BERNALILLO
ON THIS 15th day of April, 1984, THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME BY FRANK A. KLEINHENZ, CHIEF ADMINISTRATIVE OFFICER, CITY OF ALBUQUERQUE, N.M.

UTILITY COUNCIL SYSTEM LOG NO. 10-24-1469

CORRECTED REPLAT OF COLLEGE PARK WEST

WITHIN SECTION 3, T 10 N, R 2 E, N.M.P.M.
ALBUQUERQUE, NEW MEXICO
JANUARY, 1984 84 40104

APPROVED & ACCEPTED BY
Paul J. ... 4-17-84
DATE
CITY ENGINEER, ENGINEERING DEPARTMENT
Wanda Lou Brower 4-17-84
DATE
PARKS AND RECREATION DEPARTMENT
PUBLIC SERVICE COMPANY
DATE
NOT REQUIRED
MOUNTAIN BELL TELEPHONE
DATE
NOT REQUIRED
GAS COMPANY OF N.M.
DATE
CITY ENGINEER, ENGINEERING DEPARTMENT
DATE
WATER RESOURCES DEPARTMENT
DATE
PROPERTY MANAGEMENT
DATE
ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY
DATE
CITY ENGINEER, ENGINEERING DEPARTMENT
DATE

APPROVAL AND CONDITIONAL ACCEPTANCE AS SPECIFIED BY THE ALBUQUERQUE SUBDIVISION ORDINANCE, ARTICLE XI OF CHAPTER 7 OF THE REVISED ORDINANCES OF ALBUQUERQUE, N.M.

Thomas O. Isaacson 4-15-84
DATE
CITY PLANNER, ALBUQUERQUE PLANNING DIVISION
DATE

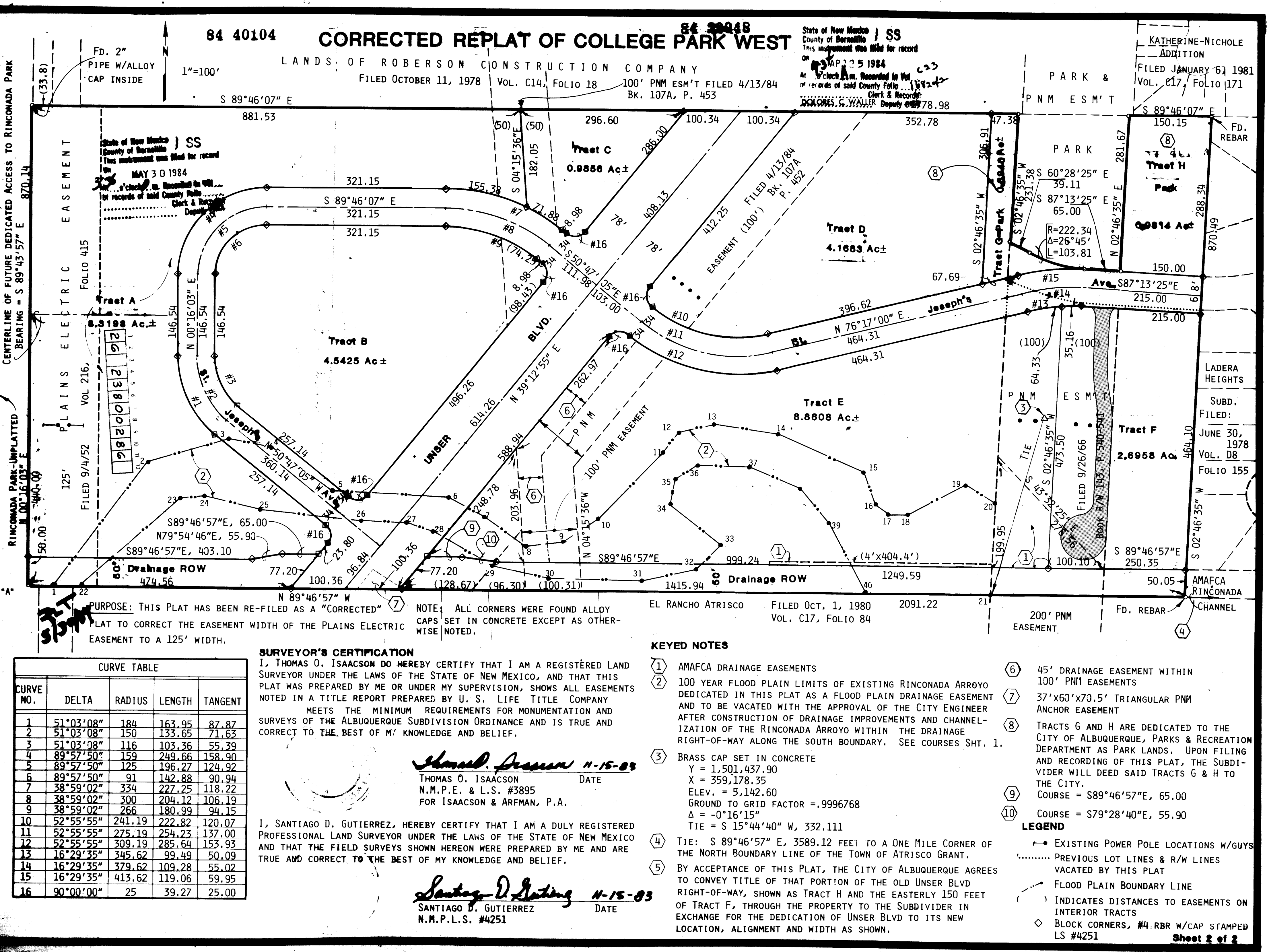
I, THOMAS O. ISAACSON DO HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO, AND THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY SUPERVISION, SHOWS ALL EASEMENTS NOTED IN A TITLE REPORT PREPARED BY U.S. LIFE & TITLE COMPANY MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS OF THE ALBUQUERQUE SUBDIVISION ORDINANCE AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Thomas O. Isaacson 4-15-84
DATE
THOMAS O. ISAACSON
N.M.P.E. & L.S. #3895
FOR ISAACSON & ARFMAN, P.A.

I, SANTIAGO D. GUTIERREZ, HEREBY CERTIFY THAT I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF N.M. AND THAT THE FIELD SURVEYS SHOWN HEREON WERE PREPARED BY ME AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Santiago D. Gutierrez 4-15-83
DATE
SANTIAGO D. GUTIERREZ
N.M.P.E. & L.S. #4251

Sheet 1 of 2



CURVE TABLE				
CURVE NO.	DELTA	RADIUS	LENGTH	TANGENT
1	51°03'08"	184	163.95	87.82
2	51°03'08"	180	153.05	74.63
3	51°03'08"	116	103.36	55.29
4	89°57'50"	159	249.66	158.90
5	89°57'50"	125	136.27	124.92
6	89°57'50"	91	142.88	90.94
7	38°59'02"	334	227.25	118.22
8	38°59'02"	300	204.12	106.19
9	38°59'02"	266	180.39	94.15
10	52°55'55"	241.19	222.82	120.07
11	52°55'55"	275.19	254.23	137.00
12	52°55'55"	309.19	285.64	153.93
13	16°29'35"	349.62	98.49	50.09
14	16°29'35"	373.62	109.28	55.02
15	16°29'35"	413.62	119.06	59.95
16	30°00'00"	25	39.27	25.00

SURVEYOR'S CERTIFICATION
I, THOMAS O. ISAACSON DO HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO, AND THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY SUPERVISION, SHOWS ALL EASEMENTS NOTED IN A TITLE REPORT PREPARED BY U.S. LIFE TITLE COMPANY MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS OF THE ALBUQUERQUE SUBDIVISION ORDINANCE AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Thomas O. Isaacson 4-15-83
DATE
THOMAS O. ISAACSON
N.M.P.E. & L.S. #3895
FOR ISAACSON & ARFMAN, P.A.

I, SANTIAGO D. GUTIERREZ, HEREBY CERTIFY THAT I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO AND THAT THE FIELD SURVEYS SHOWN HEREON WERE PREPARED BY ME AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Santiago D. Gutierrez 4-15-83
DATE
SANTIAGO D. GUTIERREZ
N.M.P.E. & L.S. #4251

- KEYED NOTES**
- AMAFCA DRAINAGE EASEMENTS
 - 100 YEAR FLOOD PLAIN LIMITS OF EXISTING RINCONADA ARROYO DEDICATED IN THIS PLAT AS A FLOOD PLAIN DRAINAGE EASEMENT AND TO BE VACATED WITH THE APPROVAL OF THE CITY ENGINEER AFTER CONSTRUCTION OF DRAINAGE IMPROVEMENTS AND CHANNELIZATION OF THE RINCONADA ARROYO WITHIN THE DRAINAGE RIGHT-OF-WAY ALONG THE SOUTH BOUNDARY. SEE COURSES SHT. 1.
 - BRASS CAP SET IN CONCRETE
Y = 1,501,457.90
X = 359,178.35
ELEV. = 5,142.60
GROUND TO GRID FACTOR = .9996768
Δ = -0°16'15"
TIE = S 15°44'40" W, 332.111
 - TIE: S 89°46'57" E, 5589.12 FEET TO A ONE MILE CORNER OF THE NORTH BOUNDARY LINE OF THE TOWN OF ATRISCO GRANT.
 - BY ACCEPTANCE OF THIS PLAT, THE CITY OF ALBUQUERQUE AGREES TO CONVEY TITLE OF THAT PORTION OF THE OLD UNSER BLVD RIGHT-OF-WAY, SHOWN AS TRACT H AND THE EASTERLY 150 FEET OF TRACT F, THROUGH THE PROPERTY TO THE SUBDIVIDER IN EXCHANGE FOR THE DEDICATION OF UNSER BLVD TO ITS NEW LOCATION, ALIGNMENT AND WIDTH AS SHOWN.

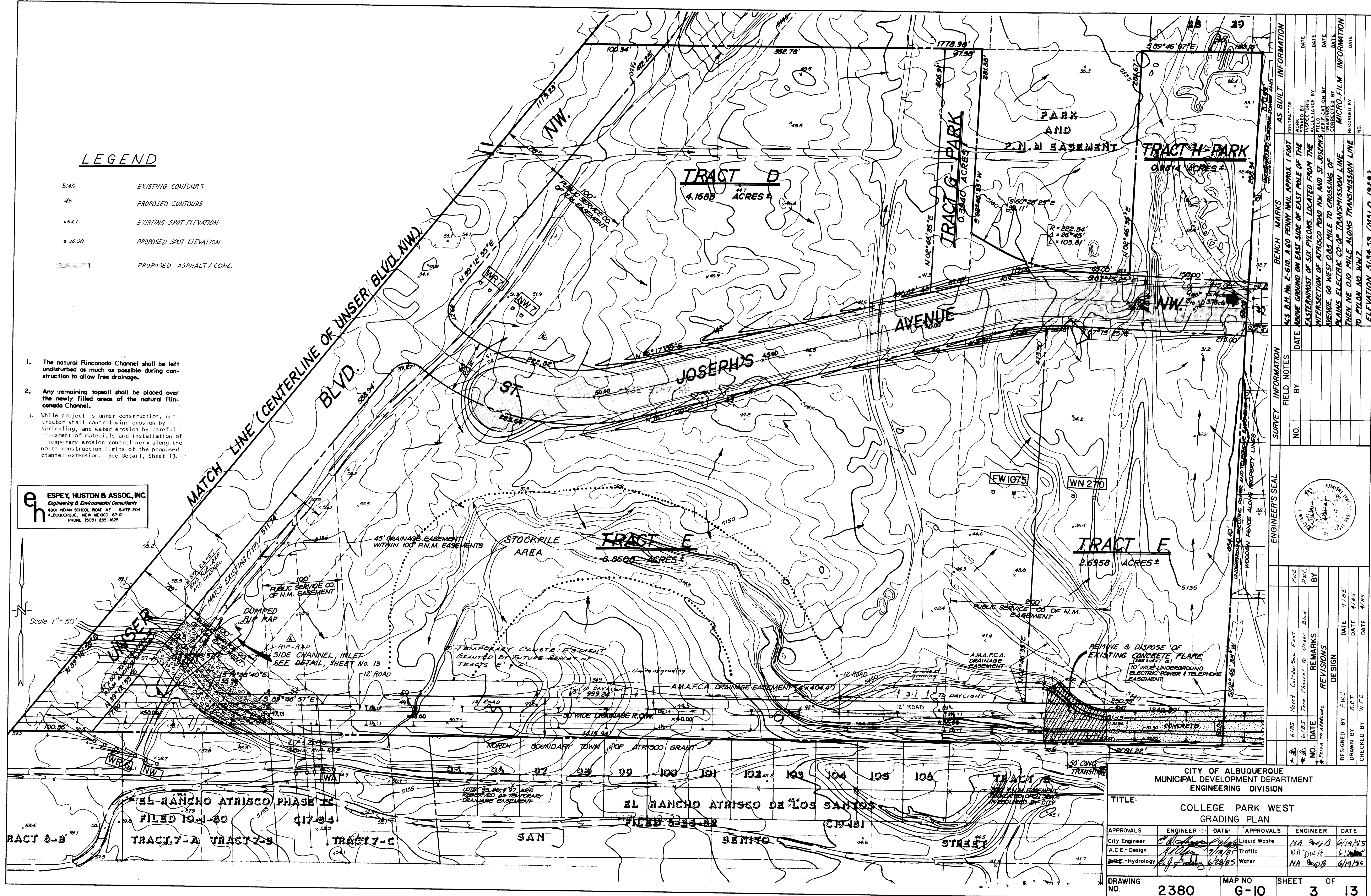
- 45' DRAINAGE EASEMENT WITHIN 100' PNM EASEMENTS
 - 37'x50'x70.5' TRIANGULAR PNM ANCHOR EASEMENT
 - TRACTS G AND H ARE DEDICATED TO THE CITY OF ALBUQUERQUE, PARKS & RECREATION DEPARTMENT AS PARK LANDS. UPON FILING AND RECORDING OF THIS PLAT, THE SUBDIVIDER WILL DEED SAID TRACTS G & H TO THE CITY.
 - COURSE = S89°46'57"E, 65.00
 - COURSE = S79°28'40"E, 55.90
- LEGEND**
- EXISTING POWER POLE LOCATIONS W/GUYS
 - PREVIOUS LOT LINES & R/W LINES VACATED BY THIS PLAT
 - FLOOD PLAIN BOUNDARY LINE
 - INDICATES DISTANCES TO EASEMENTS ON INTERIOR TRACTS
 - BLOCK CORNERS, #4 RBR W/CAP STAMPED LS #4251

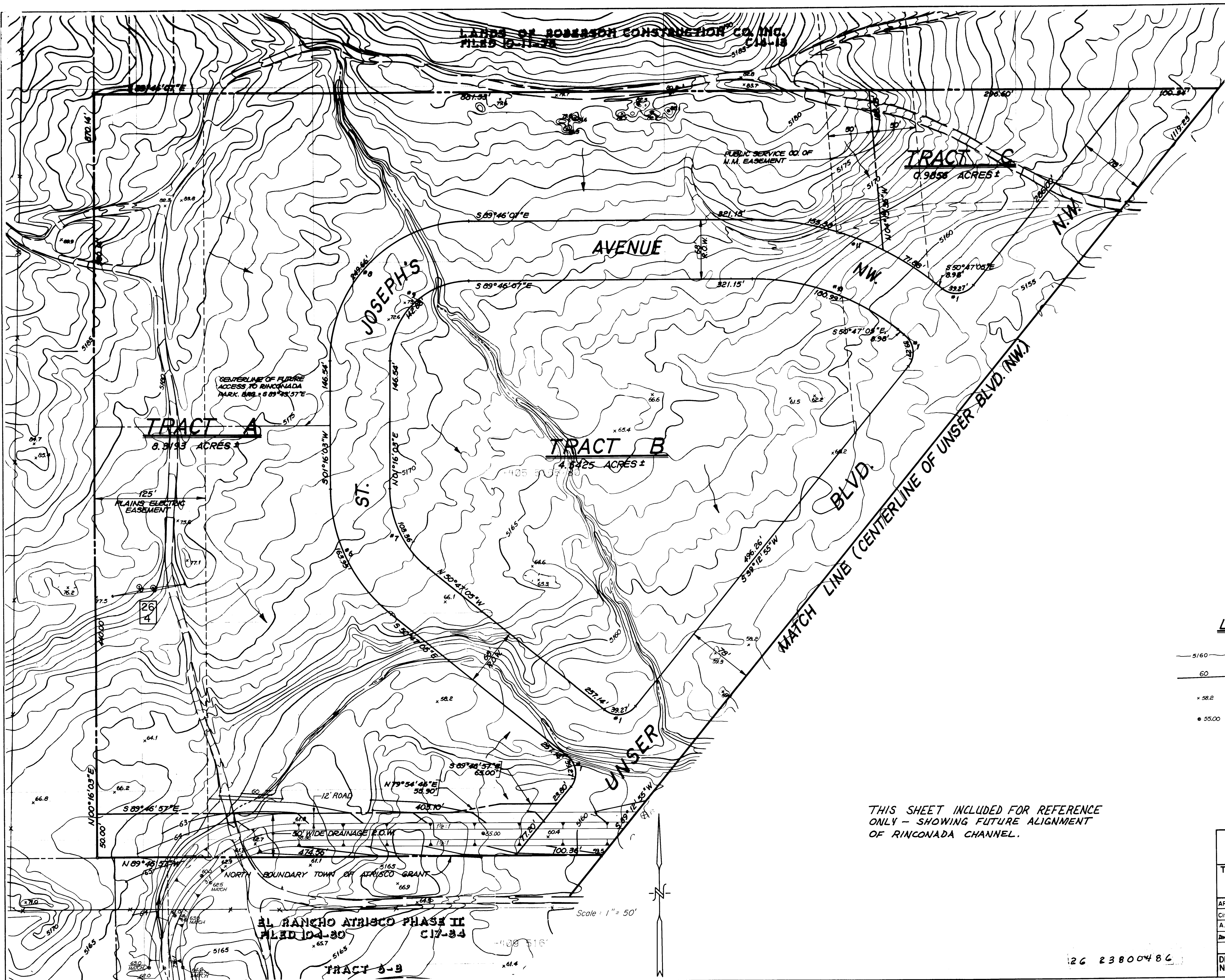
Sheet 2 of 2

5145	EXISTING CONTOURS
45	PROPOSED CONTOURS
554.1	EXISTING SPOT ELEVATION
● 40.00	PROPOSED SPOT ELEVATION
	PROPOSED ASPHALT / CONC.

1. The natural Rinconada Channel shall be left undisturbed as much as possible during construction to allow free drainage.
2. Any remaining topsoil shall be placed over the newly filled areas of the natural Rinconada Channel.
3. While project is under construction, construction shall control wind erosion by watering, sprinkling, and water erosion by careful placement of materials and installation of temporary erosion control berm along the north construction limits of the proposed channel extension. See Detail, Sheet 13.

eh **ESPEY, HUSTON & ASSOC., INC.**
Engineering & Environmental Consultants
4801 INDIAN SCHOOL ROAD NE SUITE 204
ALBUQUERQUE, NEW MEXICO 87110
PHONE (505) 255-1625

[illegible]



NOTE
NEITHER UNSER BLVD. NOR ST. JOSEPH'S AVE. ON THIS SHEET (PHASE II) WILL BE DEVELOPED. RINCONADA CHANNEL IS SHOWN AND IS ANTICIPATED TO BE CONSTRUCTED SUBSEQUENT TO UNSER BOULEVARD CONSTRUCTION.

LEGEND

- 5160 EXISTING CONTOURS
- 60 PROPOSED CONTOURS
- x 58.2 EXIST. SPOT ELEVATION
- 55.00 PROPOSED SPOT ELEVATION

THIS SHEET INCLUDED FOR REFERENCE ONLY - SHOWING FUTURE ALIGNMENT OF RINCONADA CHANNEL.

ESPEY, HUSTON & ASSOC., INC.
Engineering & Environmental Consultants
4801 INDIAN SCHOOL ROAD, N.E. SUITE 204
ALBUQUERQUE, NEW MEXICO 87110
PHONE (505) 255-1625

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: COLLEGE PARK WEST GRADING PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	6/19/85	Liquid Waste	NA	6/19/85
A.C.E. - Design	NA	6/19/85	Traffic	NA	6/19/85
Hydrology	NA	6/28/85	Water	NA	6/19/85
DRAWING NO.	2380	MAP NO.	G-10	SHEET	4 OF 13

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES		MC'S B.M. NO. 2-610 - A 60 PENNY NAIL APPROX. 1 FOOT ABOVE GROUND ON EAST SIDE OF EAST POLE OF THE EASTERNMOST OF SIX PYLONS. LOCATED FROM THE INTERSECTION OF ATRISCO ROAD NW AND ST. JOSEPH'S AVENUE, GO WEST 0.85 MILE TO CROSSING OF PLAINS ELECTRIC CO.-OP TRANSMISSION LINE, THEN NE OLD MILE ALONG TRANSMISSION LINE TO PYLON NO. W127		CONTRACTOR WORK ORDER NO. INSPECTED BY ACCEPTANCE BY DRAWINGS VERIFICATION BY CORRECTIONS D.D. BY MICRO-FILM INFORMATION RECORDED BY NO.	
		NO.	DATE				
NO.	DATE	REMARKS	BY				
DESIGN							
DESIGNED BY	6/17/85	DATE	3-85				
DRAWN BY	6/17/85	DATE	4-85				
CHECKED BY	6/19/85	DATE	2-85				
BWS				ELEVATION 5134.59 (MSLD 1929)			

NO CONNECTIONS WILL BE MADE TO THE WATER AND SANITARY SEWER LINES ABOVE ELEVATION 5140 FT., UNTIL SUCH TIME THAT WATER RESOURCES ENGINEERING DIVISION HAS ISSUED AN AVAILABILITY LETTER FOR ALL TRACTS LOCATED ABOVE 5140 FT., OR UNSER WATER LINE CONNECTION IS COMPLETED.

ESPEY, HUSTON & ASSOC., INC.
Engineering & Environmental Consultants
4801 INDIAN SCHOOL ROAD NE SUITE 204
ALBUQUERQUE, NEW MEXICO 87110
PHONE (505) 255-1625

Scale : 1" = 50'

TRACT E
4.1683 ACRES ±

TRACT G - PARK

PARK
AND
P.N.W. EASEMENT

TRACT H-PARK

~~TRACT E~~
6.8606 ACRES ±

TRACT E
2.6958 ACRES ±

EL RANCHO ATRISCO PHASE II

FILED 19-1-80

~~TRACT 7-9~~

Trace 7-5

EL RANCHO ATRISSO DE "LOS SANTOS"

110 5 110 33

CASE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: COLLEGE PARK WEST
OVERALL STREET PLAN, WATER DISTRIBUTION PLAN
AND SANITARY SEWER PLAN

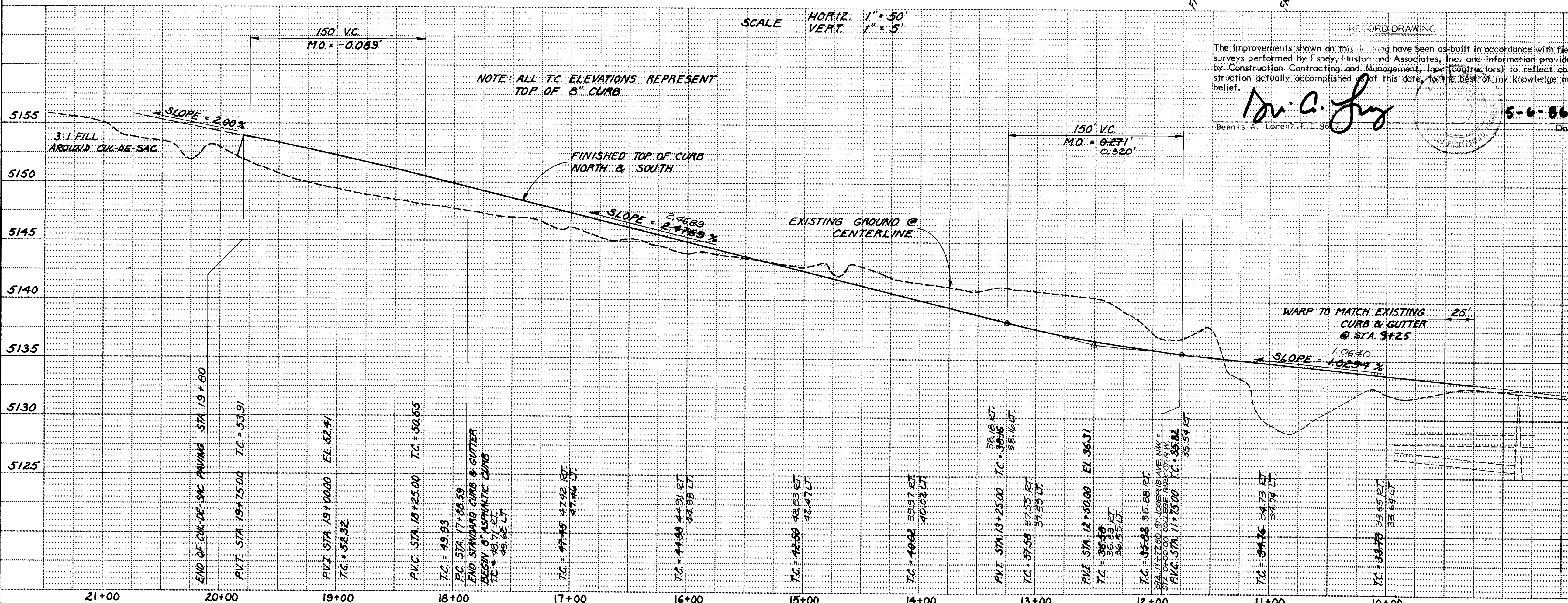
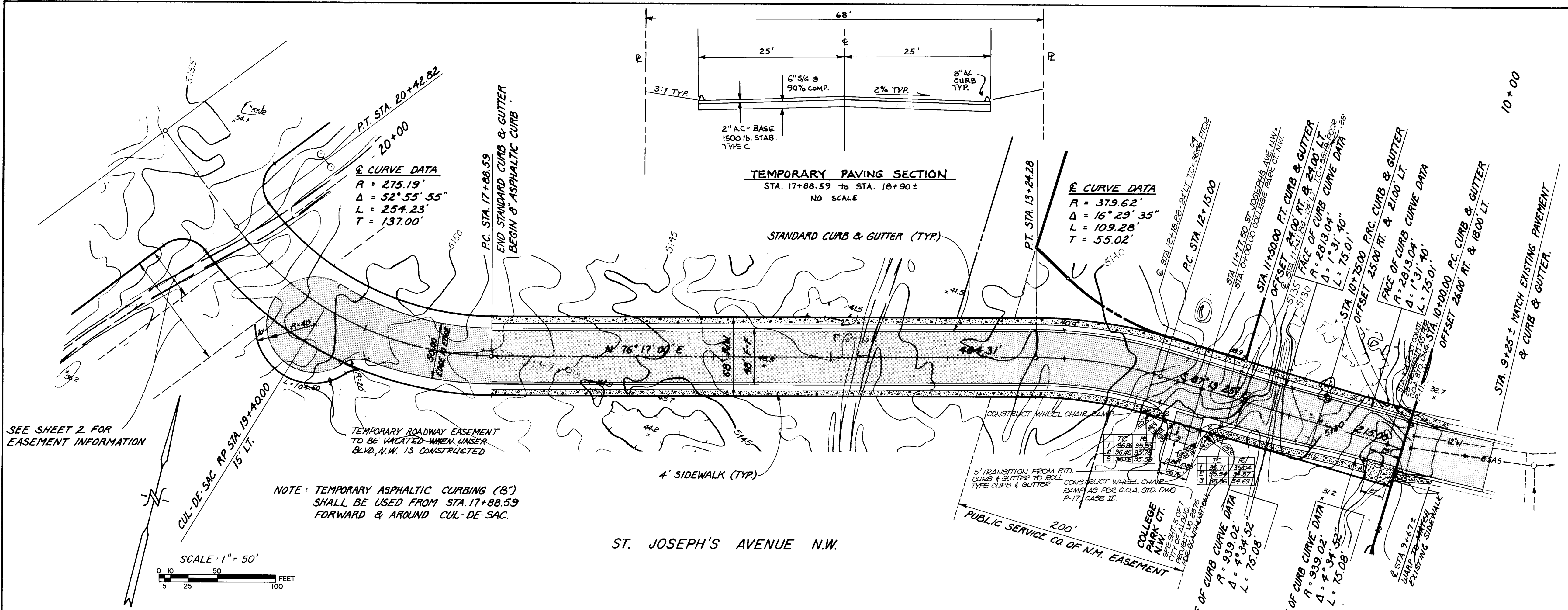
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>P. A. [Signature]</i>	9/16/85	Liquid Waste	<i>William G. Baker</i>	6/19/85
A.C.E. - Design	<i>A.C.E. [Signature]</i>	9/18/85	Traffic	<i>Dr. [Signature]</i>	6/19/85
A.C.E. - Hydrology	<i>N.A. [Signature]</i>	6/28/85	Water	<i>William G. Baker</i>	6/19/85

PROJECT NO.	2380	MAP NO.	G-10	SHEET	5	OF	13
-------------	------	---------	------	-------	---	----	----

BENCH MARKS	AS BUILT INFORMATION	
	CONTRACTOR	C.C.M. INC.
MARKS B.M. No. 2-510. A 60 FEET W/AIL APPROX. 1 FOOT ABOVE GROUND ON EAST SIDE OF EAST POLE OF THE LAST REMAINING OF SIX PYLONS. LOCATED FROM THE INTERSECTION OF ATRISCO ROAD NW AND ST. JOSEPH'S AVENUE. GO WEST 0.85 MILE TO CROSSING OF PLAINS ELECTRIC CO-OP TRANSMISSION LINE. THEN NE 0.10 MILE ALONG TRANSMISSION LINE TO Pylon NO. WW7.	WORK ORDER NO. 85	DATE 85
	INSPECTED BY	DATE
	ACCEPTANCE BY	DATE
	FIELD DRAWINGS	DATE
	CORRECTED BY	DATE
	RECORDED BY	DATE
	NO	DATE

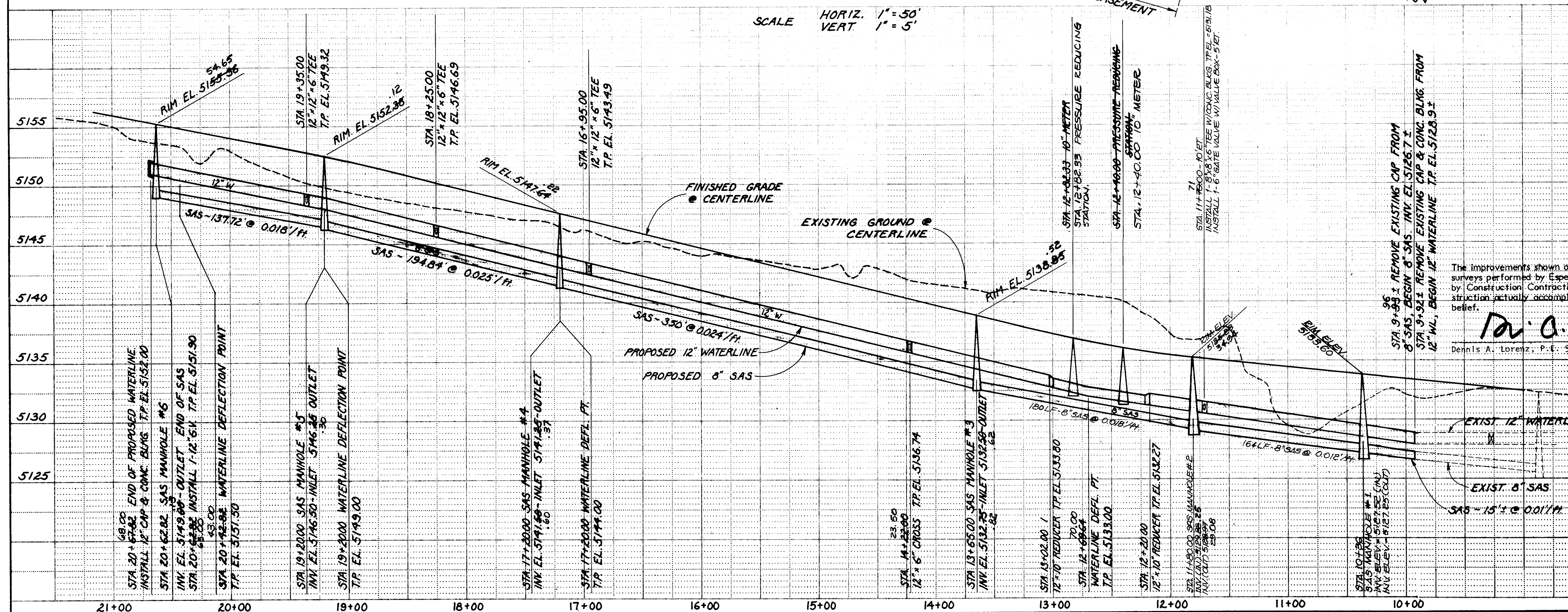
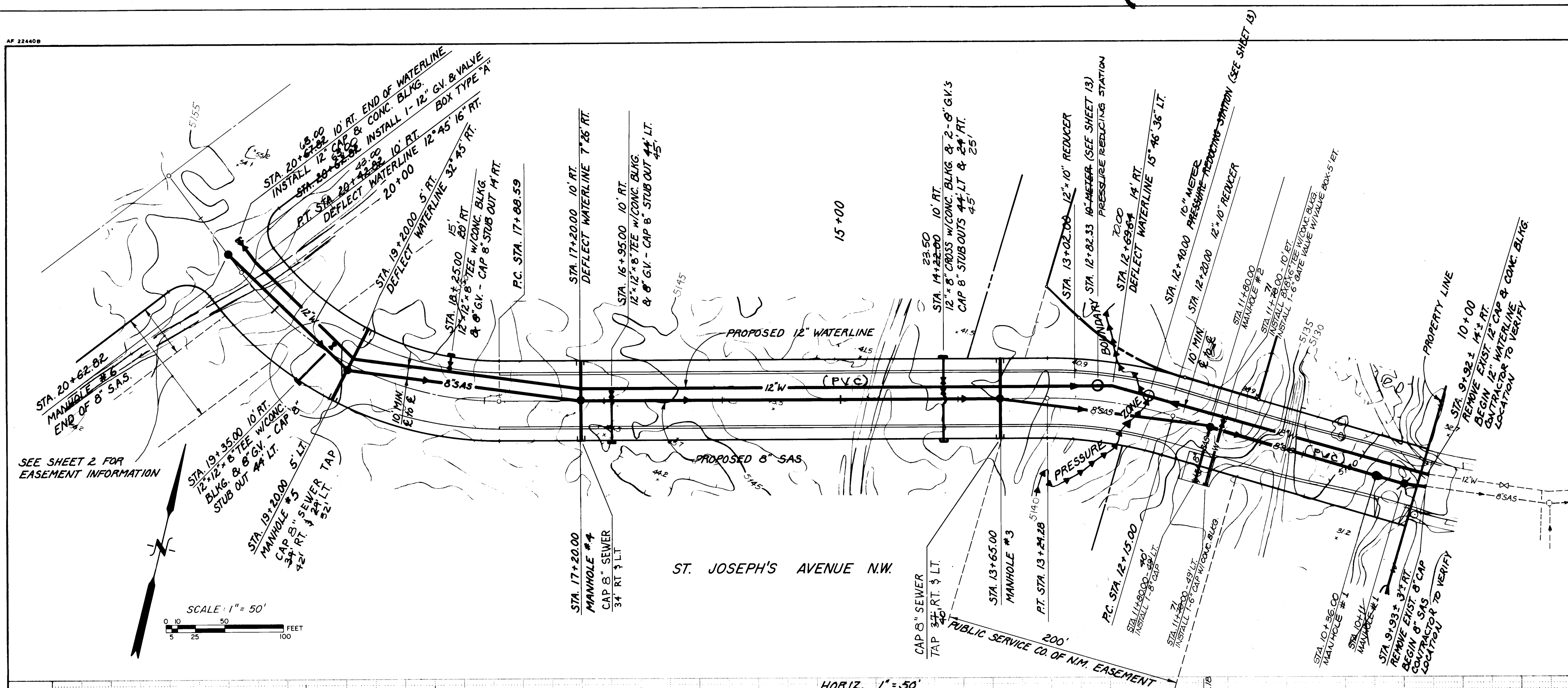
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26 23800586



The following C.D.A. Std. Dwg. shall be adhered to:
P-4 & P-8

ENGINEER'S SEAL										SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION			
WILLIAM A. COLEMAN REGISTERED PROFESSIONAL ENGINEER NO. 10000 STATE OF NEW MEXICO										FIELD NOTES		ACCS B.M. NO. 2-610, A 60 PENNY NAIL APPROX. 1 FOOT		CONTRACTOR			
										NO.		DATE		ABOVE GROUND ON EAST SIDE OF EAST POLE OF THE		C.C.M. INC.	
														EASTERNMOST OF SIX PYLONS LOCATED FROM THE		STATE BY E.H. 4-A	
														INTERSECTION OF AFRISCO ROAD NW AND ST. JOSEPH'S		INSPECTOR'S	
														AVENUE, GO WEST 0.85 MILE TO CROSSING OF		ACCEPTANCE BY	
														PLAINS ELECTRIC CO-OP TRANSMISSION LINE,		DRAWINGS	
														THEY ARE 0.10 MILE ALONG TRANSMISSION LINE,		VERIFICATION BY E.H. 4-A	
														TO Pylon NO. WW7		DATE 5/18/82	
														ELEVATION 5134.59 (MSLD 1929)		DATE 5/18/82	
																RECORDED BY	
						NO											
APPROVALS										REVISIONS		DESIGN		DATE			
Waste										NO. DATE		REMARKS		BY			
APPROVALS										NO. DATE		REMARKS		BY			
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APPROVALS										NO. DATE		REMARKS		BY			
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APPROVALS										NO. DATE		REMARKS		BY			
APPROVALS										NO. DATE							



NOTES

- All S.A.S. Lines in this project shall be constructed of D.I.P., V.C.P. or P.V.C.
- All Water Lines in this project shall be constructed of D.I.P., A.C.P. or P.V.C.
- ELECTRONIC MARKER DISCS TO BE PLACED AT THE CAPPED ENDS OF WATER AND SEWER SERVICE TAPS PER CITY STANDARD DETAIL S-12 AND SPECS SECTION 131.

- The City will supply the following equipment to the developer's contractor:

- 1 - 10" mainline turbine meter
- 1 - 10" pressure reducing valve
- 1 - 6" pressure reducing valve
- 5 - 10" gate valves
- 2 - 6" gate valves

When the 12" water line is installed, the contractor must build the required vaults and install the equipment listed above.

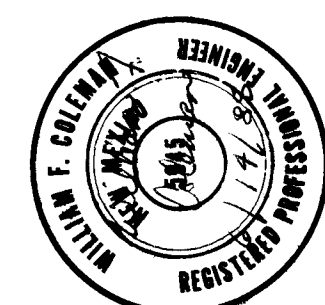
The Water Resources Department has just ordered this equipment. It will probably arrive in one to two months depending on which piece of equipment it is.

The contractor will be required to pick up this equipment at the City's warehouse at 5501 Pino Avenue NE, Building G.

If you have any questions on this matter, please contact me at 766-7354.

William J. Balch
Design Engineer, P.E.
Water Resources, Engineering Division

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGNED BY		DRAWN BY		CHECKED BY		DATE		DATE		DATE	
CONTRACTOR	C.C.M. INC.	STATION	EH44 A	DATE	85	NO.	BY	DATE	NO.	DATE	3-85	DATE	4-85	DATE	6-85	DATE	6-85	DATE	6-85	DATE	6-85
ACCS B.M. NO. 2-610. A 60 FEET NAIL APPROX. 1 FOOT ABOVE GROUND ON EAST SIDE OF EAST POLE OF THE FASTENING OF SIX PILES LOCATED FROM THE INTERSECTION OF ATRISCO ROAD NW AND ST. JOSEPH'S AVENUE, GO WEST 0.85 MILE TO CROSSING OF PLAINS ELECTRIC CO. OF TRANSMISSION LINE. THEN NE 0.10 MILE ALONG TRANSMISSION LINE TO PILE NO. NW7.		ELEVATION 5134.33 (MSLD 1929)																			



26 23800786

RECORD DRAWING

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

Denise A. Lorenz, P.E. 5-6-85



ESPEY, HUSTON & ASSOC., INC.
Engineering & Environmental Consultants
4801 INDIAN SCHOOL ROAD, SUITE 204
ALBUQUERQUE, NEW MEXICO 87110
PHONE (505) 255-1625

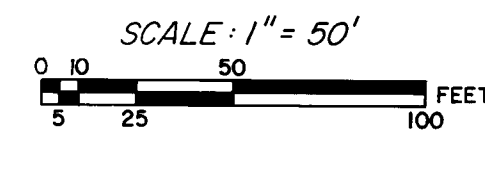
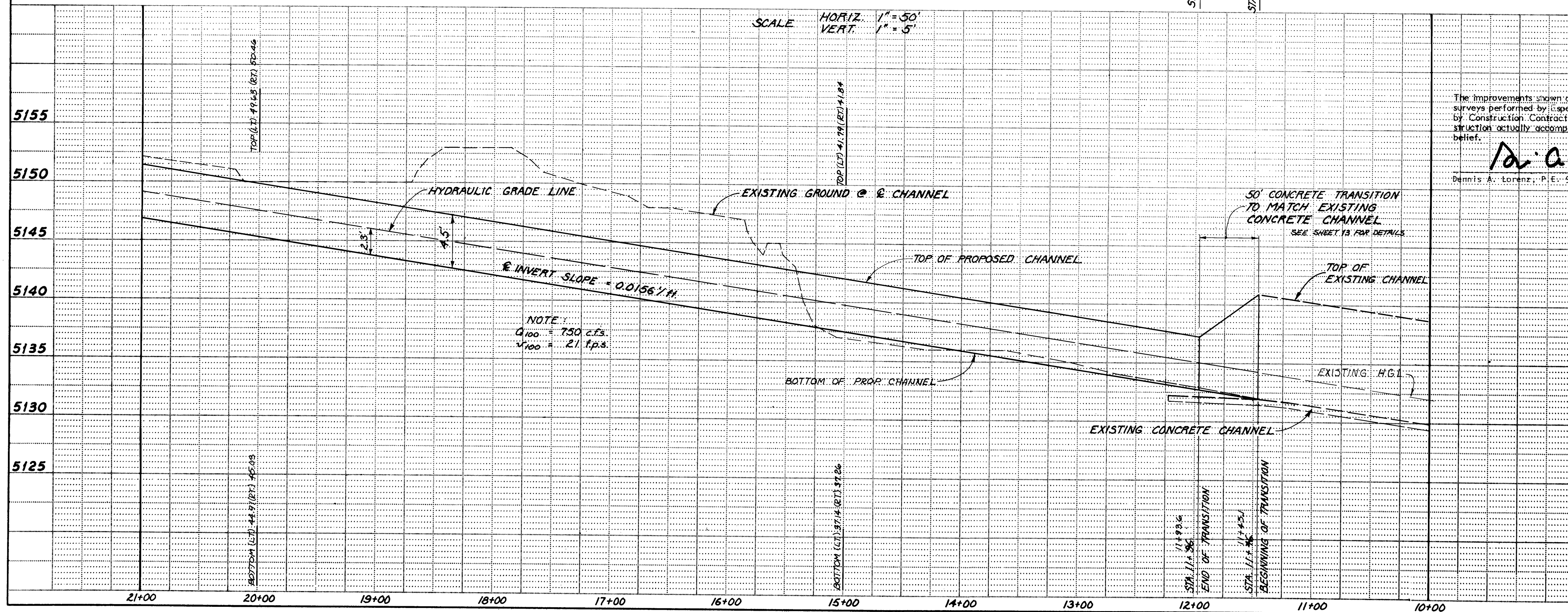
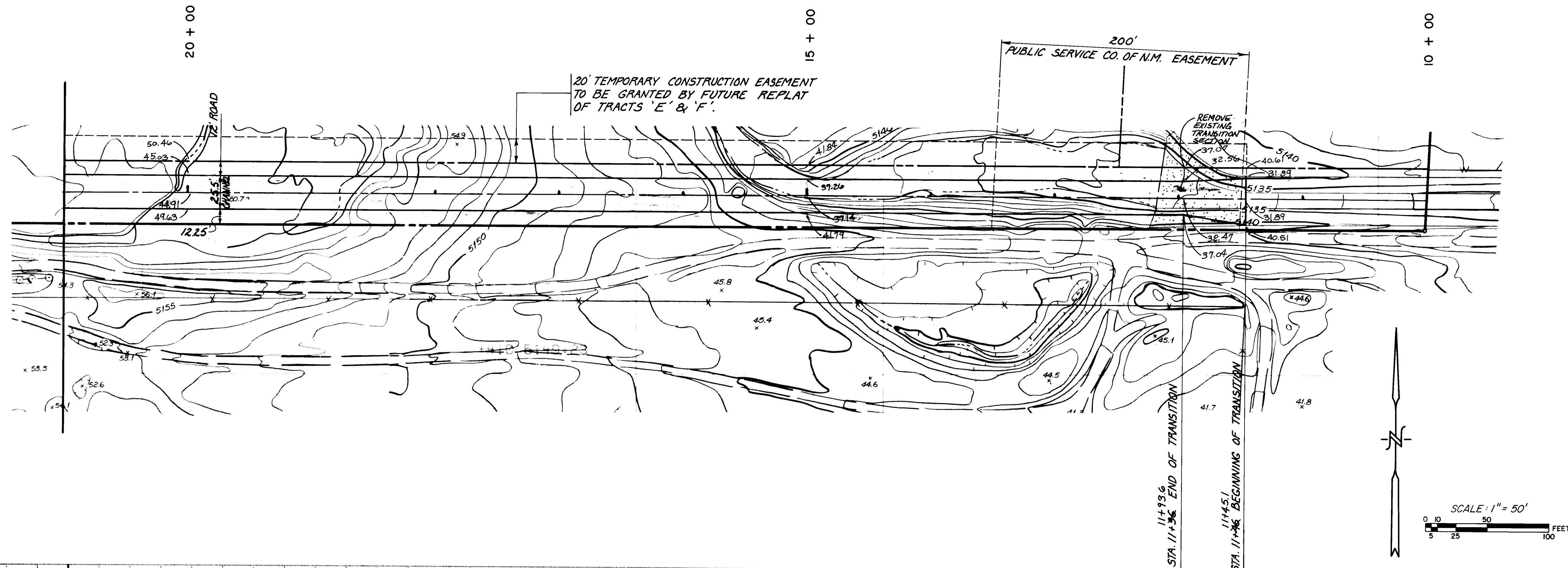
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: COLLEGE PARK WEST
SANITARY SEWER LINE & WATER LINE
PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	William J. Balch	6/14/85	Liquid Waste	William J. Balch	6/14/85
A.C.E. - Design	ADP	5/18/85	Traffic	N.A. D.W.H.	6/14/85
Hydrology	N.A. D.P.A.	6/28/85	Water	William J. Balch	6/14/85

PROJECT NO.	2380	MAP NO.	G-10	SHEET	7	OF	13
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AP 224408



RECORD DRAWING
The improvements shown on this drawing have been as-built in accordance with field surveys performed by Espey, Huston and Associates, Inc. and information provided by Construction Contracting and Management, Inc. (contractors) to reflect construction actually accomplished as of this date, to the best of my knowledge and belief.
Dennis A. Lorenz, P.E. 964
5-6-86 Date

NOTE:
CONTRACTOR TO NOTIFY AMAFCA OF CHANNEL CONSTRUCTION ONE WEEK PRIOR TO BEGINNING WORK.

26 23800886

eh ESPEY, HUSTON & ASSOC., INC.
Engineering & Environmental Consultants
4801 INDIAN SCHOOL ROAD, N.E. SUITE 204
ALBUQUERQUE, NEW MEXICO 87110
PHONE (505) 255-1625

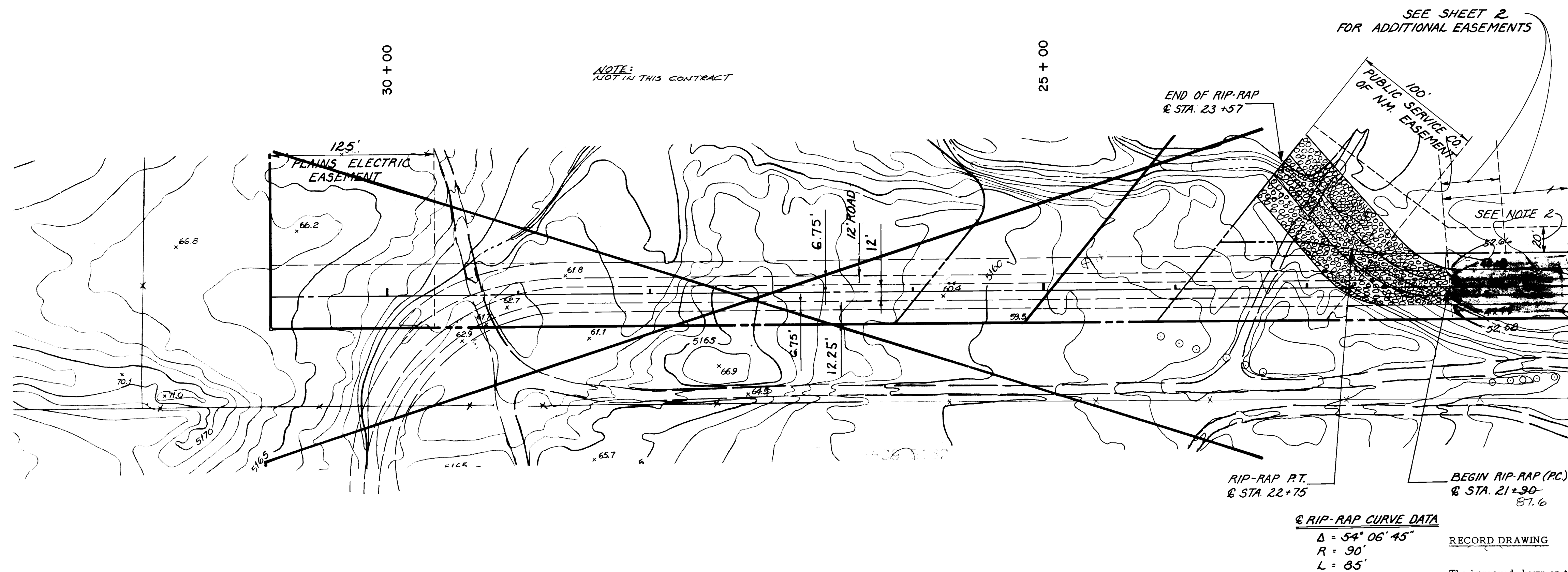
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE:
COLLEGE PARK WEST
RINCONADA CHANNEL PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	9/19/85	Liquid Waste	NA JWB	6/19/85
A.C.E.-Design	<i>[Signature]</i>	9/18/85	Traffic	NA DWH	6/19/85
Hydrology	<i>[Signature]</i>	6/28/85	Water	NA JWB	6/19/85

PROJECT NO. 2380 MAP NO. G-10 SHEET 8 OF 13

AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
CONTRACTOR	C.C.M. INC.		ACS B.M. No. 2-610	A 60 PENNY NAIL APPROX. 1 FOOT ABOVE GROUND ON EAST SIDE OF EAST POLE OF THE EASTERNMOST OF SIX PILONS LOCATED FROM THE INTERSECTION OF ATRISCO ROAD N.W. AND ST. JOSEPH'S AVENUE, GO WEST 0.85 MILE TO CROSSING OF PLAINS ELECTRIC CO.-OP TRANSMISSION LINE, THEN NE 0.10 MILE ALONG TRANSMISSION LINE TO Pylon NO. WNT.		NO.	BY	DATE	NO.	BY	DATE
STATIONED BY	EH & A	DATE 85	FIELD VERIFICATION BY	EH & A	DATE 85/86	NO.	BY	DATE	NO.	BY	DATE
ACCEPTANCE BY	EH & A	DATE 85/86	REVISIONS	DESIGN		NO.	DATE	REMARKS	NO.	DATE	REMARKS
MICRO-FILM INFORMATION			DESIGNED BY	W.F.C.	DATE 3-85	NO.	DATE	REMARKS	NO.	DATE	REMARKS
			DRAWN BY	BT	DATE 4-85	NO.	DATE	REMARKS	NO.	DATE	REMARKS
			CHECKED BY	BWS, PNC	DATE 6-85	NO.	DATE	REMARKS	NO.	DATE	REMARKS

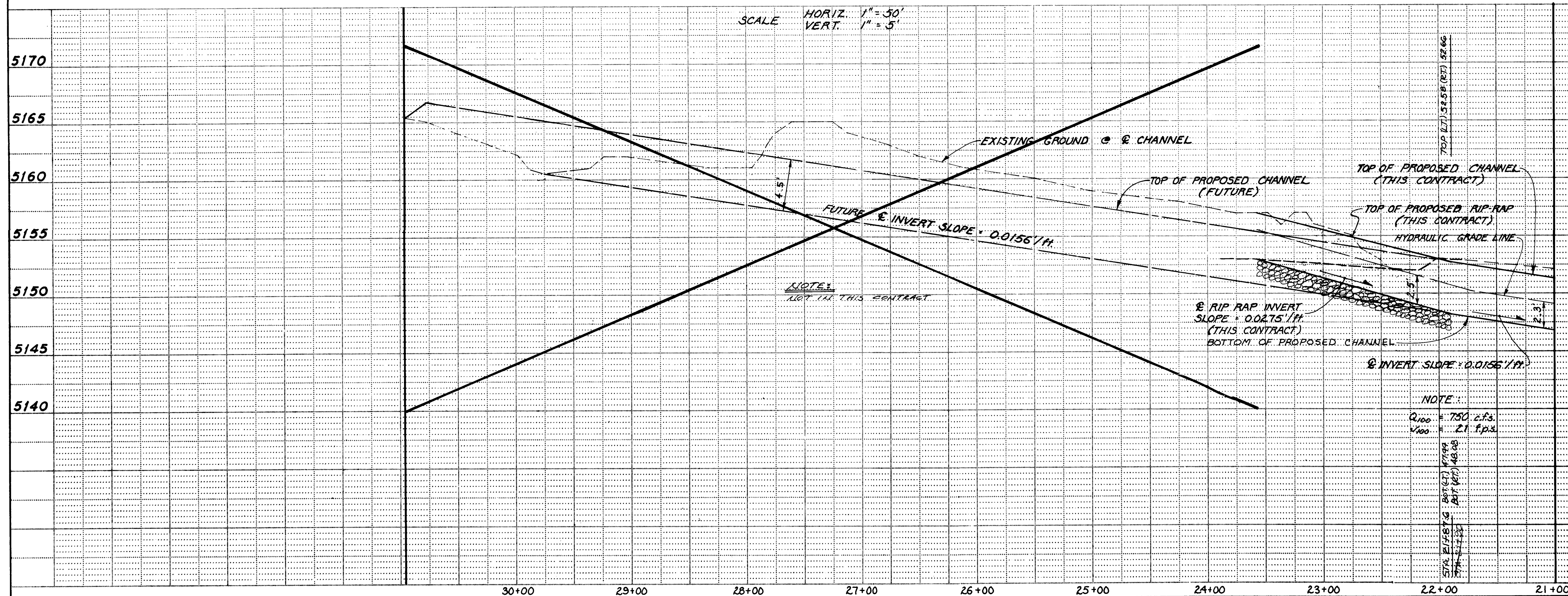


The improved shown on this drawing have been as-built in accordance with field surveys performed by Espey, Huston and Associates, Inc. and information provided by Construction Contracting and Management, Inc. (contractors) to reflect construction actually accomplished as of this date, to the best of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

Dennis A. Lorenz, P.E. 9647

NOTE :

1. SEE SHEET 3 & 13 FOR CHANNEL ENTRANCE EAST OF UNSER BLVD. REMAINING CHANNEL TO BE CONSTRUCTED SUBSEQUENT TO UNSER BLVD. CONSTRUCTION.
2. 20' TEMPORARY CONSTRUCTION EASEMENT TO BE GRANTED BY FUTURE REPEAT OF TRACTS 'E' & 'F'.



26 23800986

e

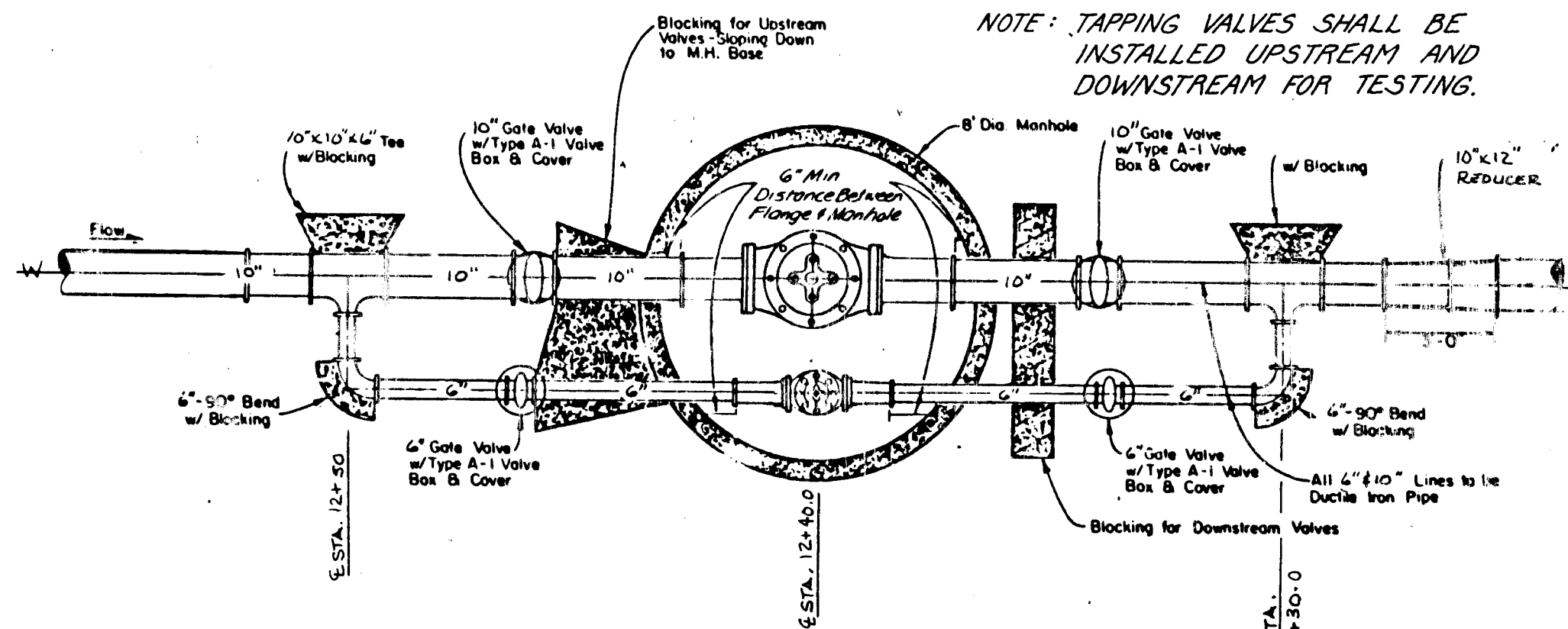
ESPEY, HUSTON & ASSOC., INC.
Engineering & Environmental Consultants
4801 INDIAN SCHOOL ROAD NE SUITE 204
ALBUQUERQUE, NEW MEXICO 87110
PHONE (505) 255-1625

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

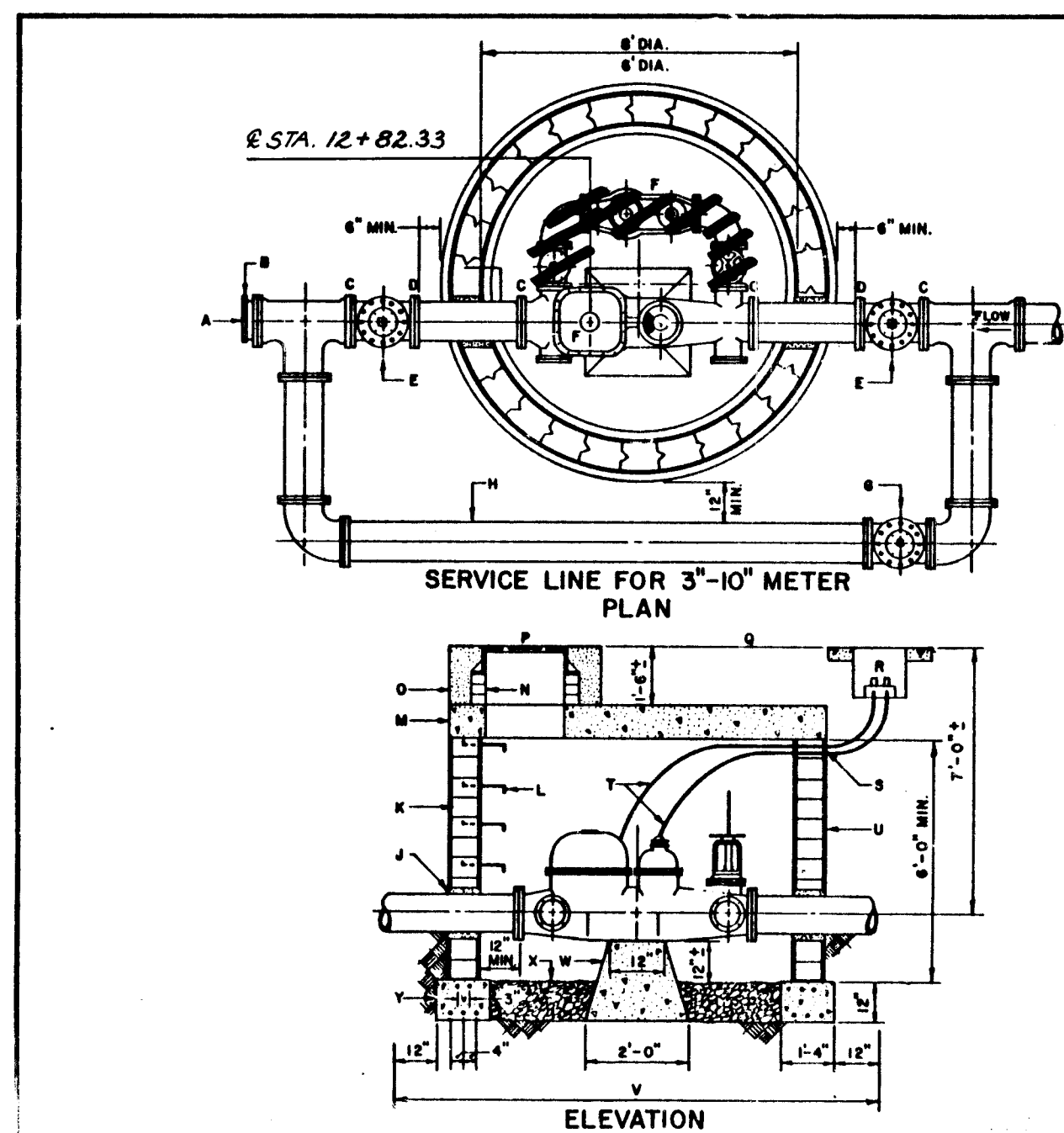
TITLE: COLLEGE PARK WEST
RINCONADA CHANNEL PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>B. J. Anderson</i>	6/19/85	Liquid Waste	NA 20B	6/19/85
A.C.E. - Design	<i>W. J. [unclear]</i>	7/18/85	Traffic	NA D-4	6/17/85
NA - Hydrology	<i>B. J. Anderson</i>	6/28/85	Water	NA 20B	6/19/85

PROJECT NO.	2380	MAP NO.	G-10	SHEET	9	OF	13
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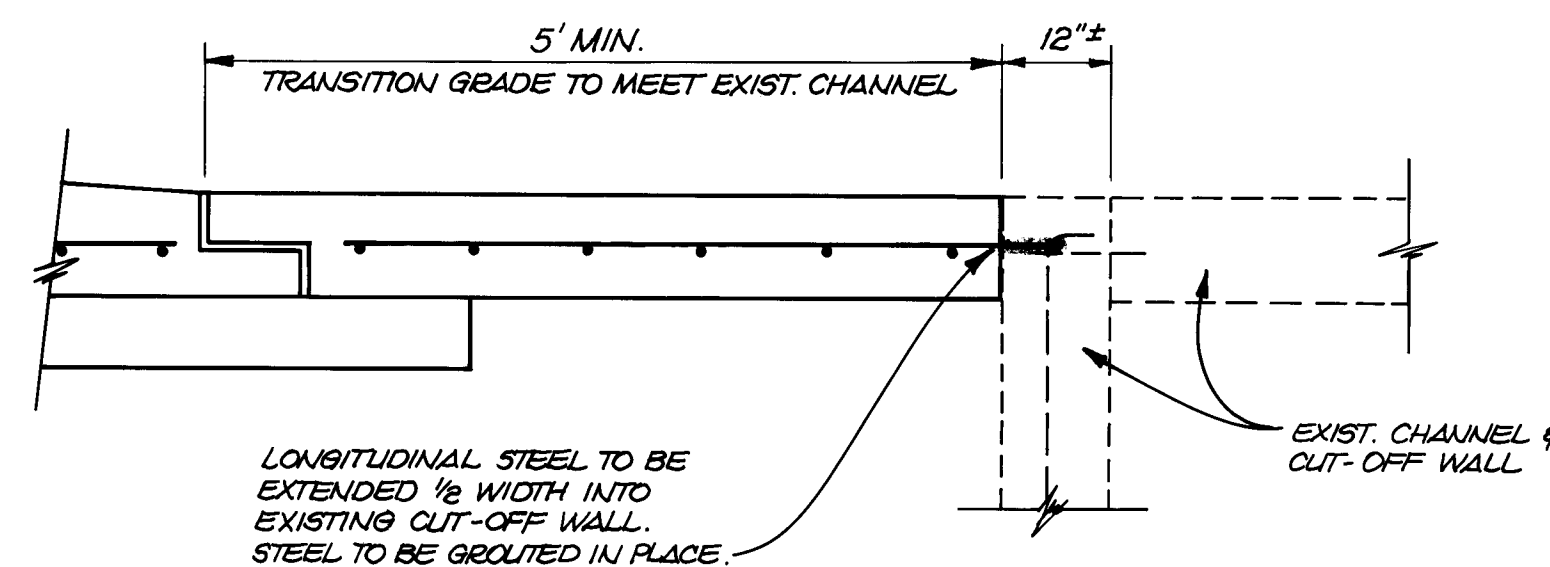


DETAIL ON PRV STATION
NO SCALE

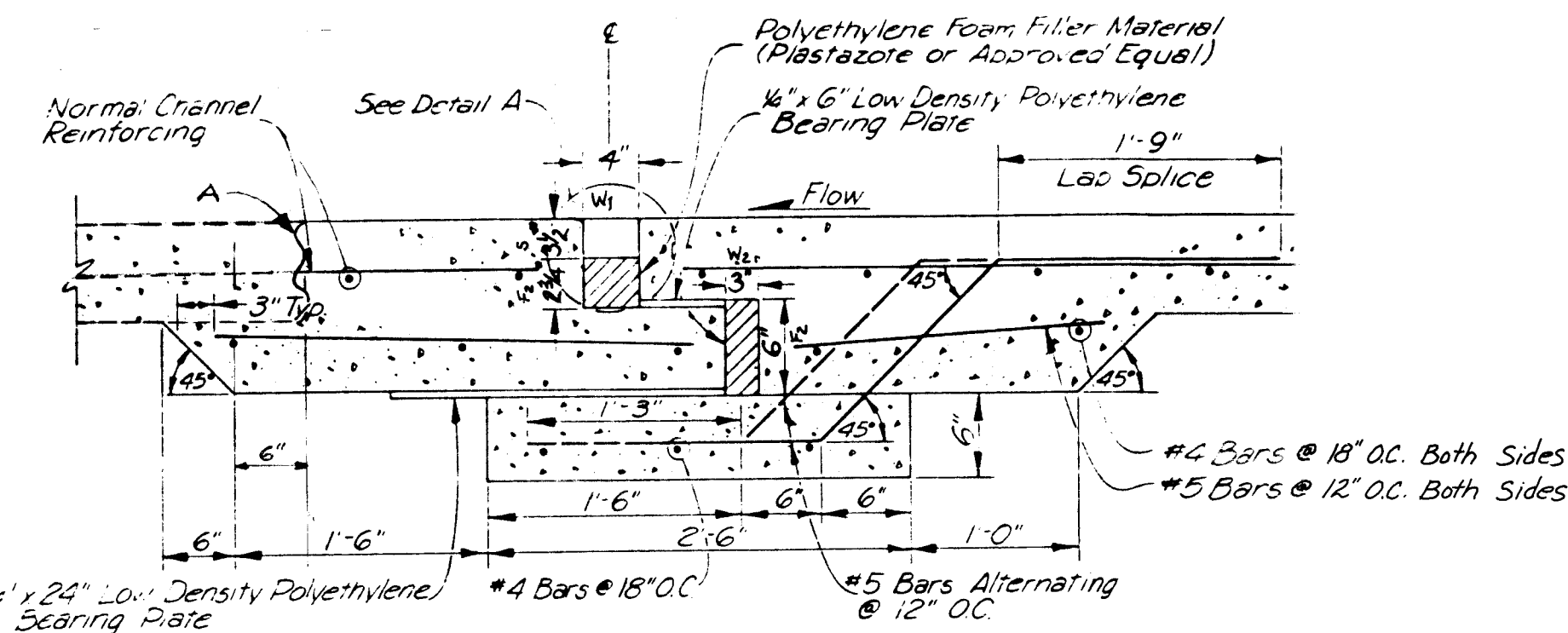


- GENERAL NOTES:**
- PIPE, VALVE AND FITTING CONNECTIONS TO BE FLANGED OR RESTRAINED JOINT, EXCEPT WHERE OTHERWISE DESIGNATED.
 - SEE DWG. W-12 FOR ADDITIONAL DETAILS.
- CONSTRUCTION NOTES:**
- PROVIDE BLOCKING.
 - CAP.
 - FLANGE.
 - M.J.
 - VALVE AND BOX.
 - METER.
 - VALVE AND BOX WITH LOCK LID.
 - METER BYPASS.
 - 2" NON-SHRINK GROUT FILLER AROUND PIPE, 18 LB. FELT TO BE WRAPPED AROUND PIPE AT INSIDE AND OUTSIDE.
 - SEE DWG. S-8 FOR SOLID SEGMENTAL BLOCK WALLS.
 - STEPS TO EXTEND 7" INTO METER PIT AT 2" O.C. STEPS TO BE SET IN EPOXY CEMENT OR PRECAST IN PLACE. SEE DWG. K-18 FOR DETAILS.
 - SEE DWG. S-3 FOR CONC. COVER.
 - SEE DWG. S-4 FOR CONC. COLLAR.
 - SEE DWG. S-5 FOR CONC. COLLAR.
 - SEE DWG. S-6 FOR CONC. COLLAR.
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 - SEE DWG. S-99 FOR CONC. COLLAR.
 - SEE DWG. S-100 FOR CONC. COLLAR.

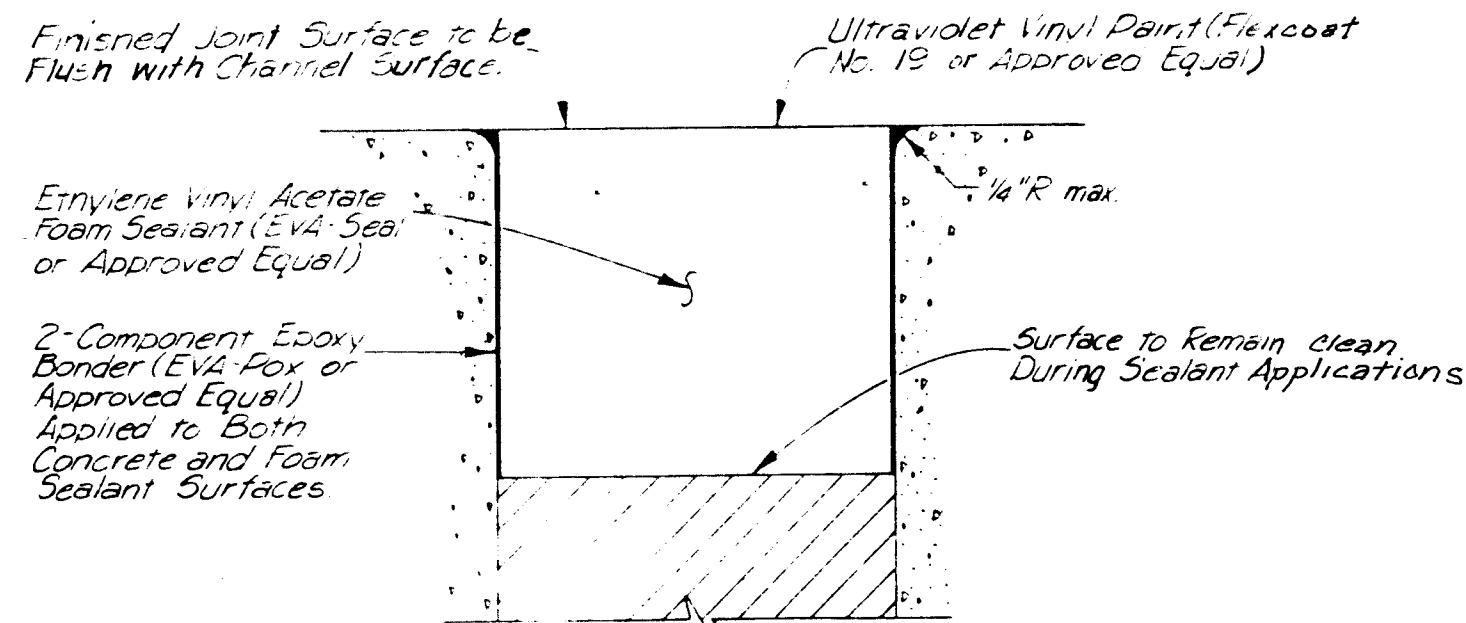
CITY OF ALBUQUERQUE
WATER
METERED SERVICE LINE
INSTALLATION
DWG. W-13
OCT 1984



TRANSITION DETAIL
NO SCALE



TYPICAL TRANSVERSE EXPANSION JOINT
NO SCALE

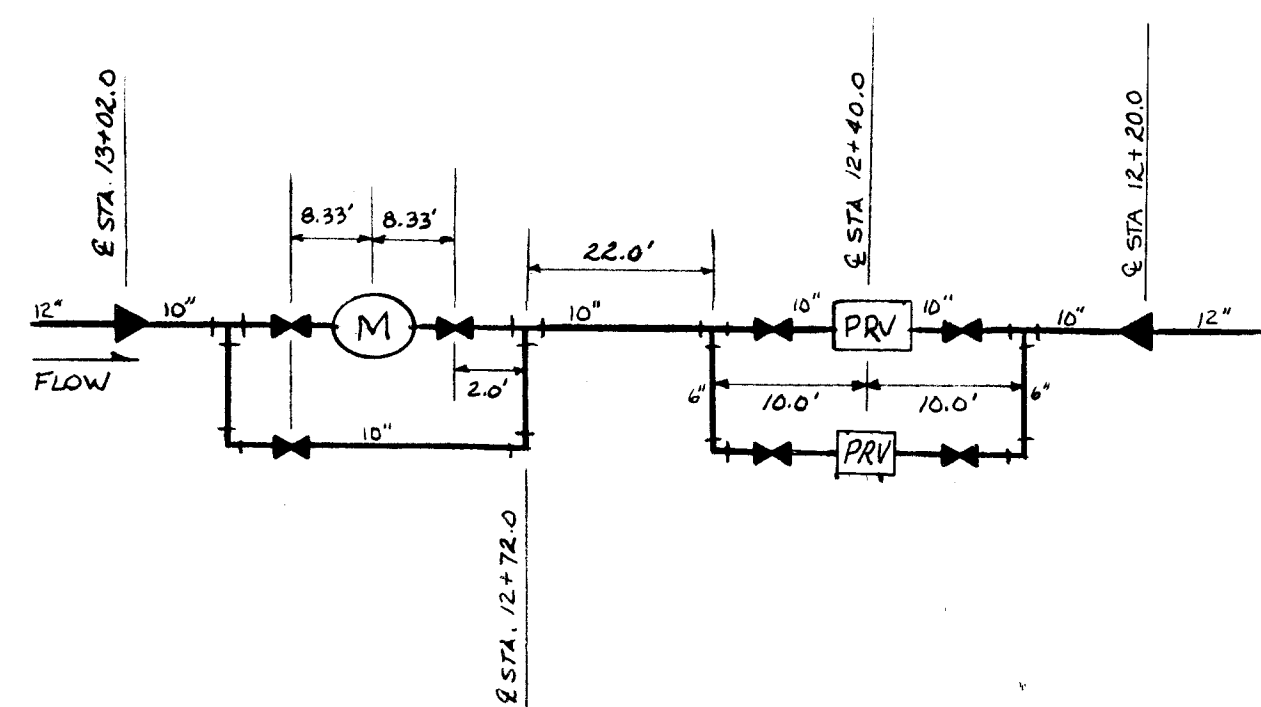


DETAIL A

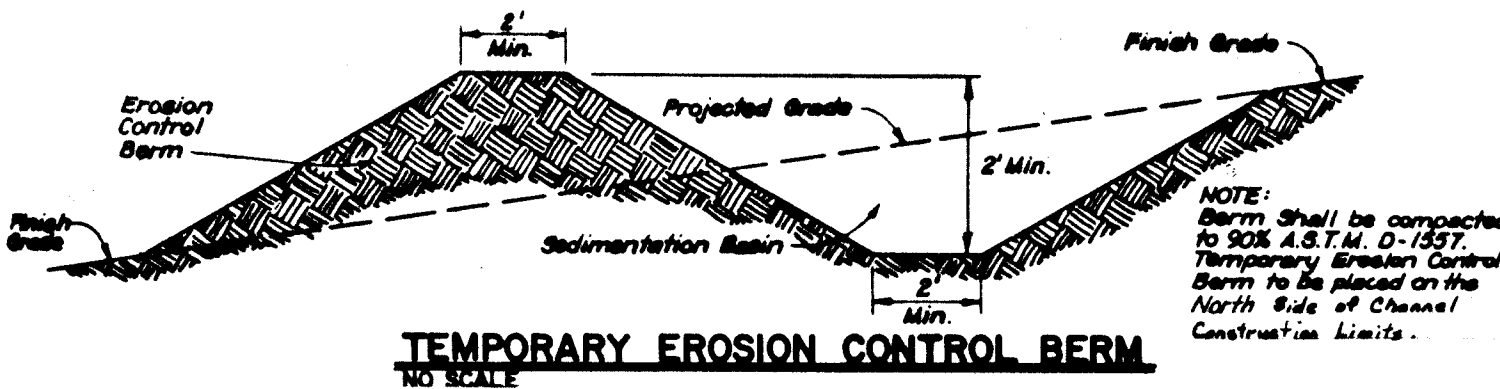
NOTE: Order Width for Foam Filler Material shall be 25% greater than Dimensions of W1 & W2. Install Evaseal when temperature is 60° or less.

W1	W2	S	F1	F2
4	3	3 1/2	2 3/4	6

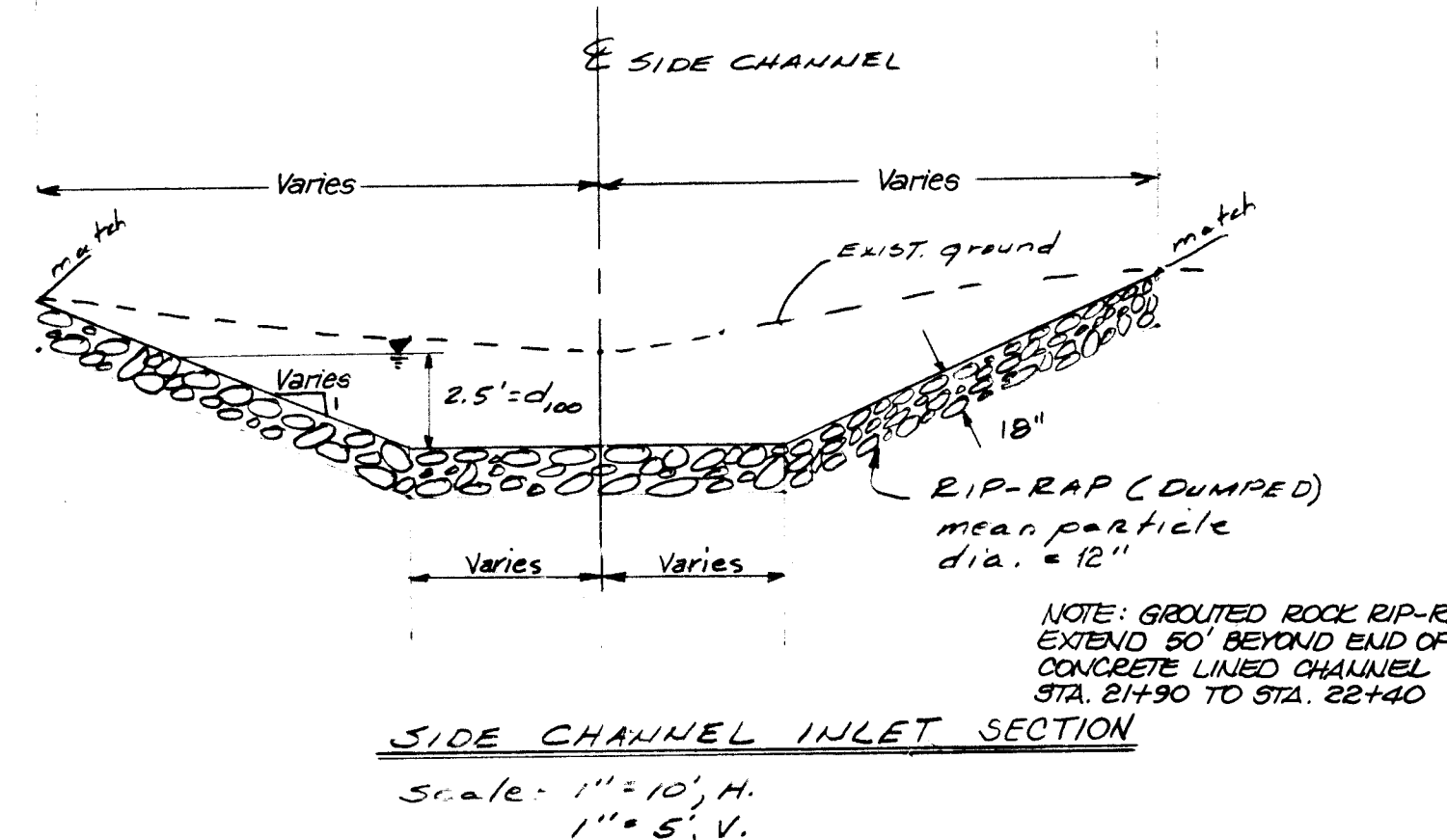
EXPANSION JOINT FILLER & SEALANT DIMENSIONS (IN INCHES)



SCHEMATIC LAYOUT OF 10" METER & PRESSURE REDUCING STATION
NOT TO SCALE

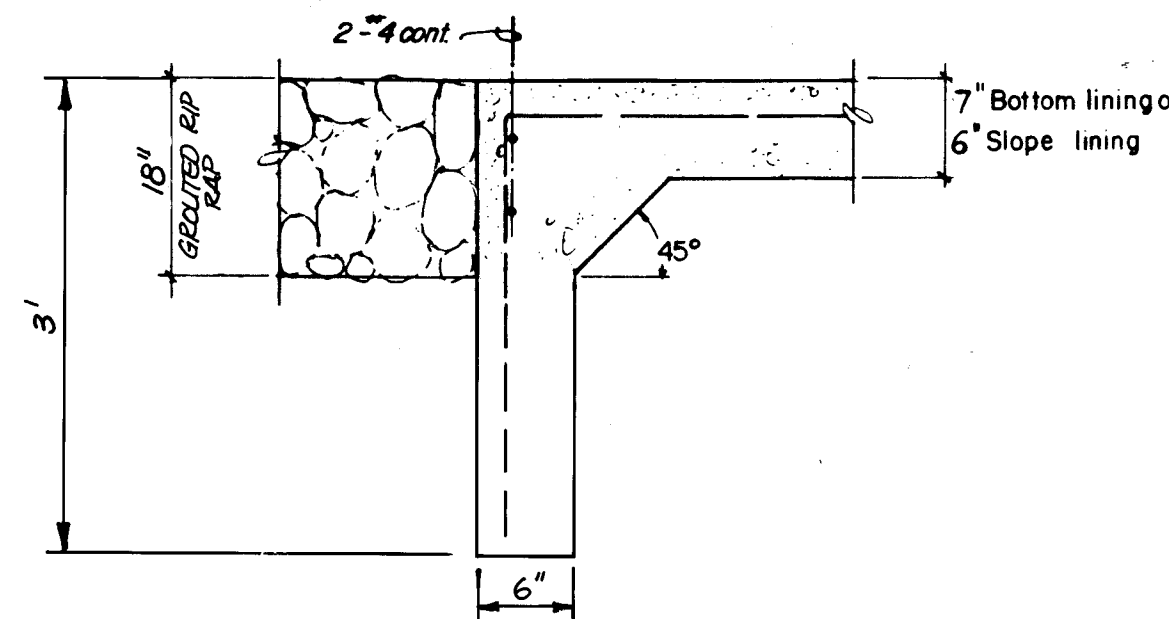


TEMPORARY EROSION CONTROL BERM
NO SCALE



SIDE CHANNEL INLET SECTION

Scale: 1" = 10' H.
1" = 5' V.



RINCONADA CHANNEL Concrete Lining and Rock Riprap Joining Edges—
TYPICAL SECTION
no scale

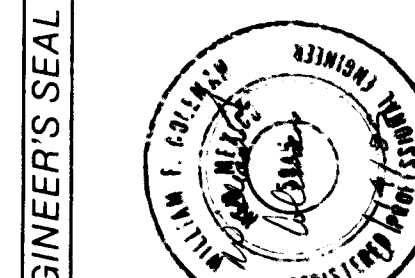
GENERAL NOTES:

- EXISTING CONCRETE CHANNEL LINING TO REMAIN.
- EXISTING REINFORCING STEEL TO REMAIN.

CONSTRUCTION NOTES:

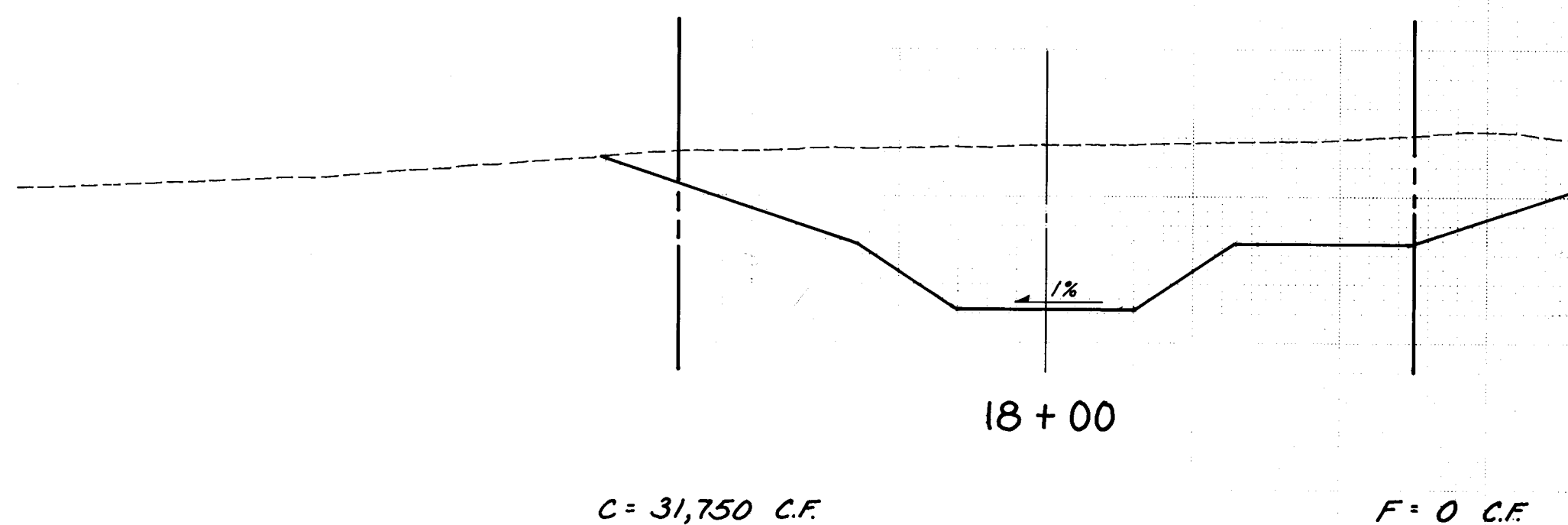
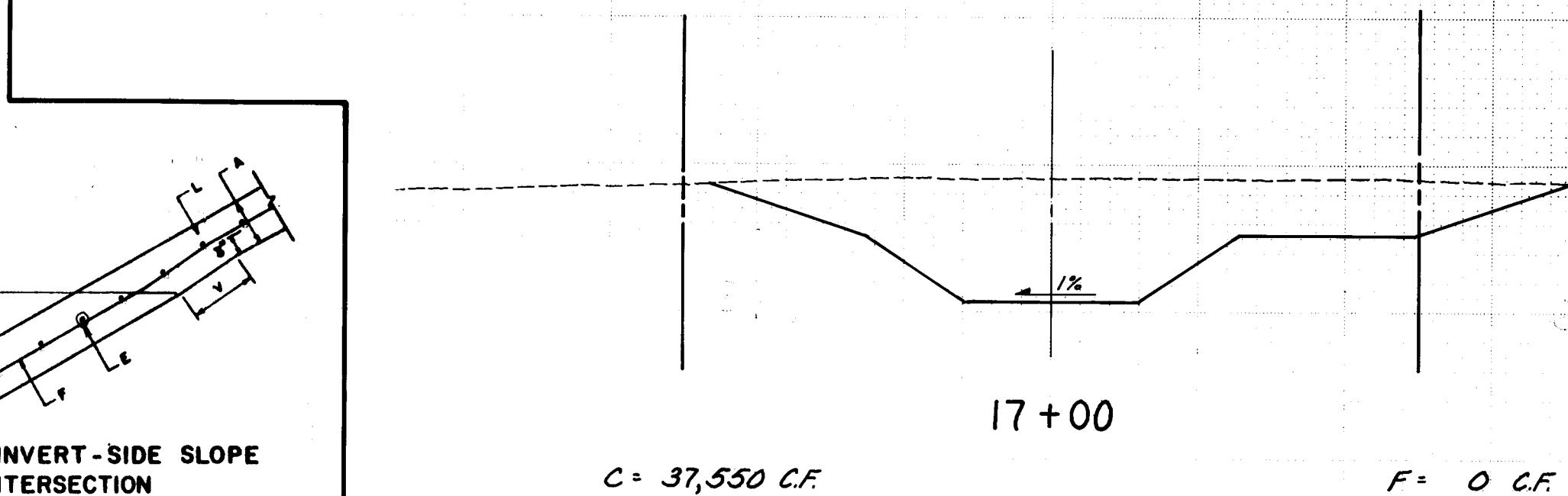
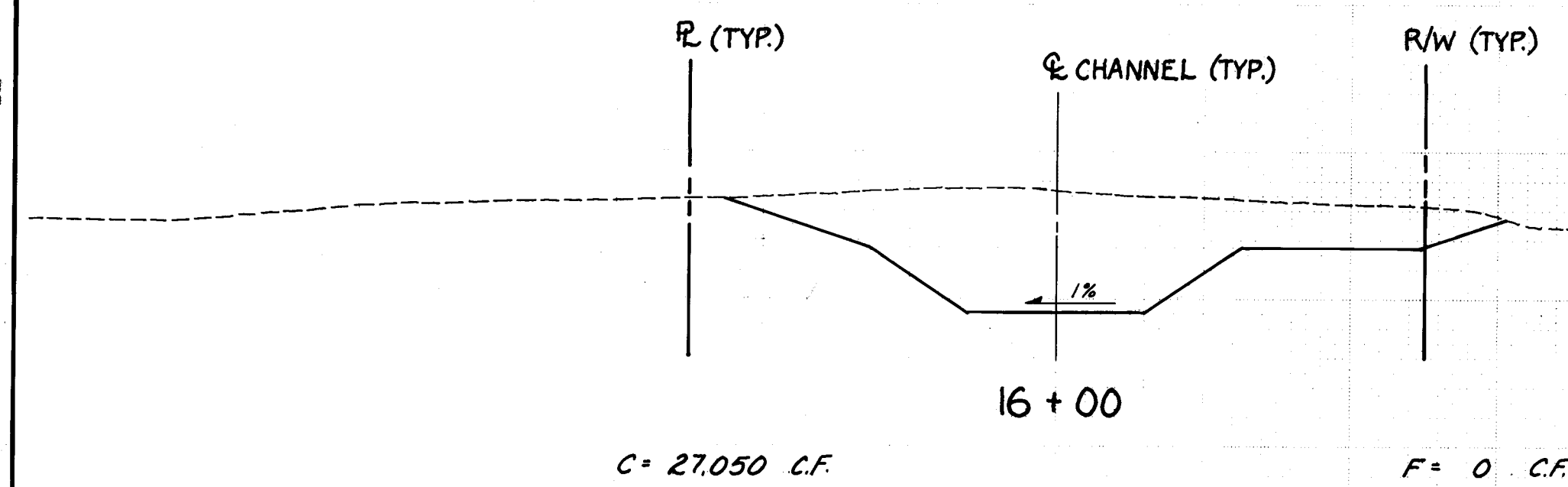
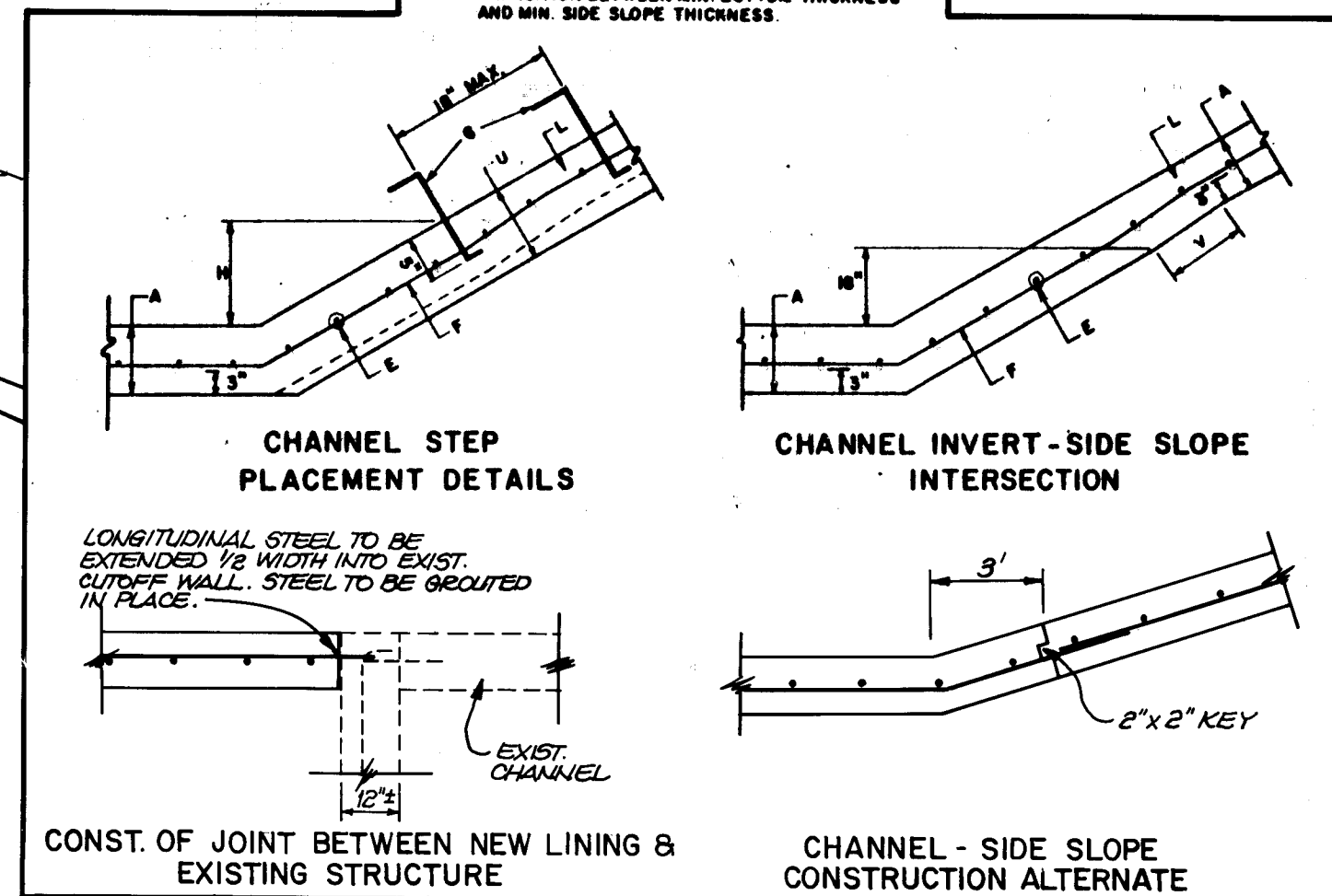
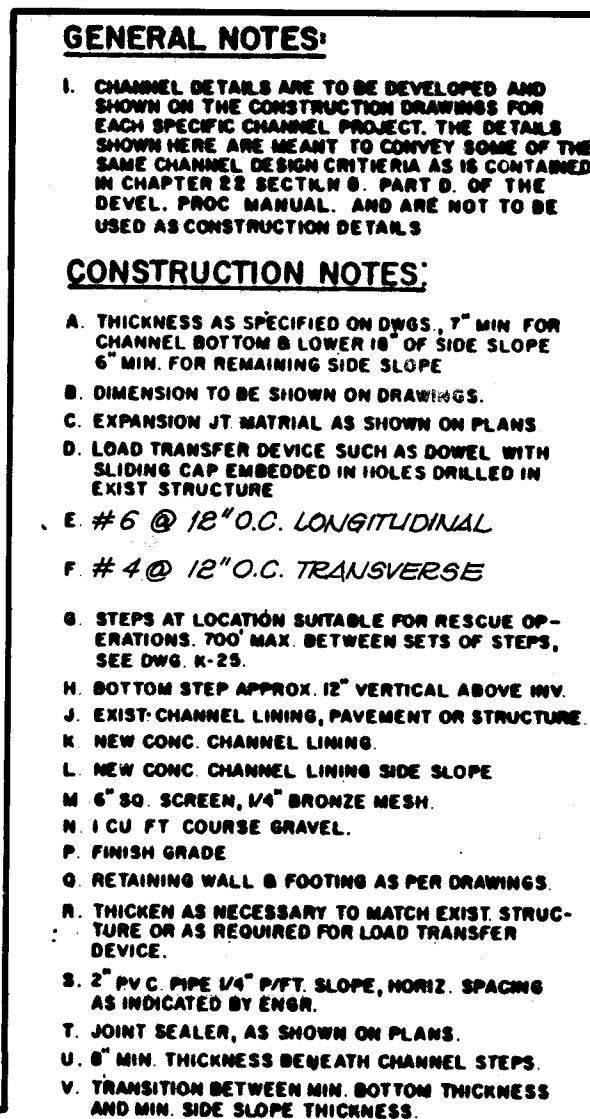
- SAW CUT EXISTING CONCRETE LINING AS MARKED IN FIELD 1" TO 1 1/2" DEEP. BREAK OUT AND REMOVE EXISTING LINING AND JOINT, CAREFULLY PRESERVE REINFORCING STEEL 18" FROM CUT.
- RE-COMPACT SUB-GRADE TO MIN. 90% PER ASTM D 1557. SHAPE TO DIMENSIONS SHOWN.
- TIE STEEL AS SHOWN: #4 GRADE 40 OR 60; REVERSE Z BAR EVERY OTHER SPACE. SEE DETAIL FOR Z BAR THIS SHEET.
- FORM & POUR 4000 PSI FLY ASH CONCRETE SLEEPER. RECOMPACT ADJACENT SOIL.
- POLYETHYLENE BEARING PLATE, 1/4" X 18", LOW DENSITY, PLACED FLAT ON SAME GRADE AS CHANNEL.
- TIE STEEL AS SHOWN: #5 GRADE 60 @ 12" PARALLEL TO CHANNEL CL AND #4 GRADE 40 OR 60 @ 18" MAXIMUM SPACING TRANSVERSE TO CHANNEL. SUPPORT BOTTOM MAT WITH PREFORMED CONCRETE CHAIRS. STEEL SHALL BE FREE OF RUST SCALE.
- SAND PLAST BROKEN EDGE OF EXISTING CONCRETE AND APPLY TWO COMPONENT EPOXY BONDING AGENT, EVA-POX HI MOD, OR EQUIV., PRIOR TO PLACING NEW CONCRETE.
- FORM, POUR DOWNSTREAM CONCRETE SECTION AS SHOWN WITH 4000 PSI FLY ASH CONCRETE WITH ALUMINUM FLOAT AND DRY BROOM FINISH. STEEL TROWEL BEARING PLATE SURFACE, ONLY, PARALLEL TO THE CONCRETE SLEEPER SURFACE.
- PLACE 1/4" X 6" LOW DENSITY POLYETHYLENE BEARING PLATE AS SHOWN BETWEEN THE TWO FILLER SECTIONS.
- PLACE FOAM POLYETHYLENE FILLERS AS SHOWN, PLASTAZOTE OR EQUAL. DO NOT ANCHOR WITH NAILS. KEEP FILLER FLAT AGAINST POURED CONCRETE SECTION WITH FRESH CONCRETE WHEN POURING UPSTREAM SECTION.
- APPLY 2 COMPONENT EPOXY BINDER TO BOTH SIDES EVA-POX BINDER OR EQUAL AND IMMEDIATELY INSTALL ETHYLENE VINYL ACETATE FOAM SEALANT, EVA-SEAL OR EQUAL AS SHOWN, DIMENSION OF SEALANT BEFORE INSTALLATION SHALL BE 1/2" WIDE AND 1 1/2" DEEP.
- CONSTRUCT SIDE SLOPES, IF REQUIRED BY THE CONTRACT, PER DWG.
- POUR UPSTREAM SECTION AS PER SKETCH AND NOTE "F".

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	NO.	DATE	NO.	DATE	NO.	DATE
WORK	DATE	NO.	DATE	NO.	DATE	NO.	DATE
DESIGNED BY	DATE	NO.	DATE	NO.	DATE	NO.	DATE
CHECKED BY	DATE	NO.	DATE	NO.	DATE	NO.	DATE
APPROVED BY	DATE	NO.	DATE	NO.	DATE	NO.	DATE
RECORDED BY	DATE	NO.	DATE	NO.	DATE	NO.	DATE
NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE



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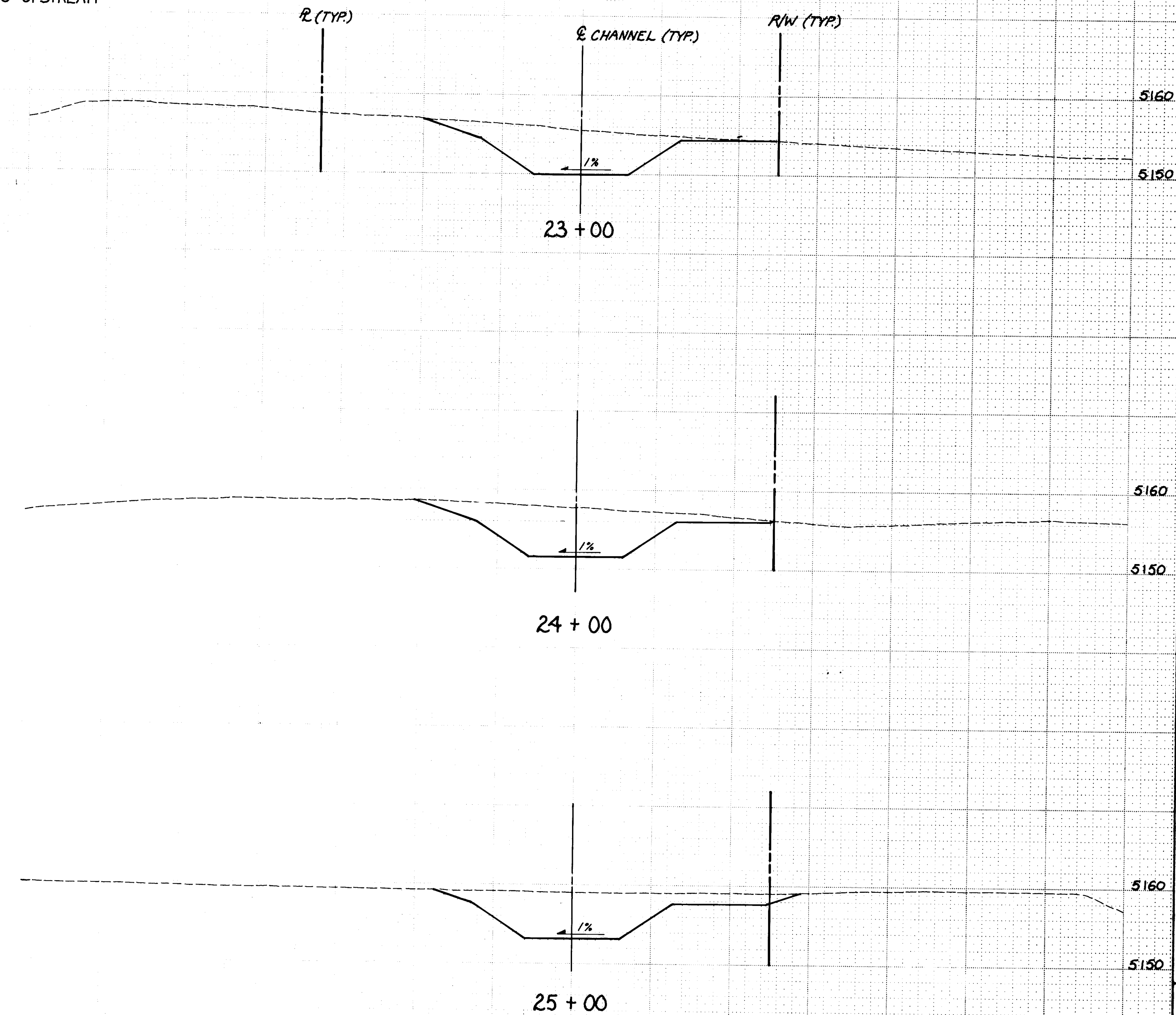
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: COLLEGE PARK WEST DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	William J. Pugh	6/19/85	Liquid Waste	William J. Pugh	6/19/85
A.C.E. Design	William J. Pugh	6/19/85	Traffic	William J. Pugh	6/19/85
Hydrology	William J. Pugh	6/19/85	Water	William J. Pugh	6/19/85
DRAWING NO.	2380	MAP NO.	G-10	SHEET	13 OF 13

[illegible]

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: COLLEGE PARK WEST RINCONADA CHANNEL X-SECTIONS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>C. H. [Signature]</i>	<i>7/19/85</i>	liquid Waste	NA	<i>7/19/85</i>
A C E - Design	<i>A. [Signature]</i>	<i>7/19/85</i>	Traffic	NA	<i>7/19/85</i>
Hydrology	<i>S. G. [Signature]</i>	<i>6/28/85</i>		NA	<i>7/19/85</i>
PROJECT NO.	2380		MAP NO.	G-10	
			SHEET	10	OF 13

**APPROVED FOR
CONSTRUCTION**

CITY ENGINEER DATE



BEGIN RIP-RAP STA. 21+90 (SEE SHEET 9)

1	2	3	4	5	6	7	8	9	10	11	12
26		23	80	1	1	86					

**APPROVED FOR
CONSTRUCTION**

CITY ENGINEER

CITY OF ALBUQUERQUE					
MUNICIPAL DEVELOPMENT DEPARTMENT					
ENGINEERING DIVISION					
TITLE:					
COLLEGE PARK WEST					
RINCONADA CHANNEL X-SECTIONS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>E. D. [Signature]</i>	<i>7/19/85</i>	Liquid Waste	NA <i>2/20/85</i>	<i>6/19/85</i>
A.C.E. Design	<i>10/1/85</i>	<i>1/19/86</i>	Traffic	NA <i>2/20/85</i>	<i>6/19/85</i>
A.C.E. Hydrology	<i>B. J. [Signature]</i>	<i>6/28/85</i>	Water	NA <i>2/20/85</i>	<i>6/19/85</i>
PROJECT NO.		MAP NO.		SHEET OF	
2380		G-10		11 13	

