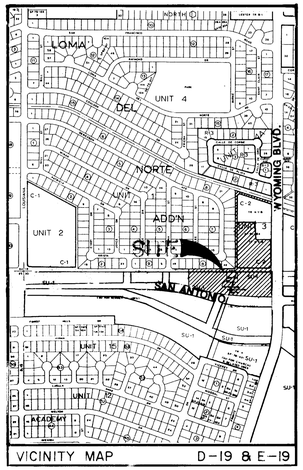
SAN ANTONIO CENTER

NORTHWEST CORNER OF WYOMING BLVD & SAN ANTONIO DR, NE



VICINITY MAP D-19 & E-19

- NEW FIRE HYDRANTS
- RELOCATED FIRE HYDRANTS
- DECELERATION LANES
- MEDIAN MODIFICATIONS
- ALLEY PAVING & GRADES
- DRIVEPADS, CURB & GUTTER, SIDEWALK

	INDEX TO SHEETS
1 of 12	TITLE SHEET
2 of 12	PLAT
3 of 12	GENERAL NOTES AND PROJECT LEGEND
4 of 12	OVERALL UTILITY PLAN , OVERALL PAVING PLAN
5 of 12	OVERALL GRADING PLAN
6 of 12	WATER LINE EXTENSIONS LINE "A" & LINE "B"
7 of 12	SAN ANTONIO DRIVE PAD
8 of 12	SAN ANTONIO DECELERATION LANE & DRIVE PAD
9 of 12	WYOMING DECELERATION LANE, DRIVE PADS & SIDEWALK
10 of 12	WYOMING MEDIAN MODIFICATIONS
11 of 12	ALLEY GRADES & PAVING
12 of 12	BARRICADE PLAN

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE

26 3722 0190

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

APPROVAL OF REVISIONS

PROFESSIONAL ENGINEER 5/1/89

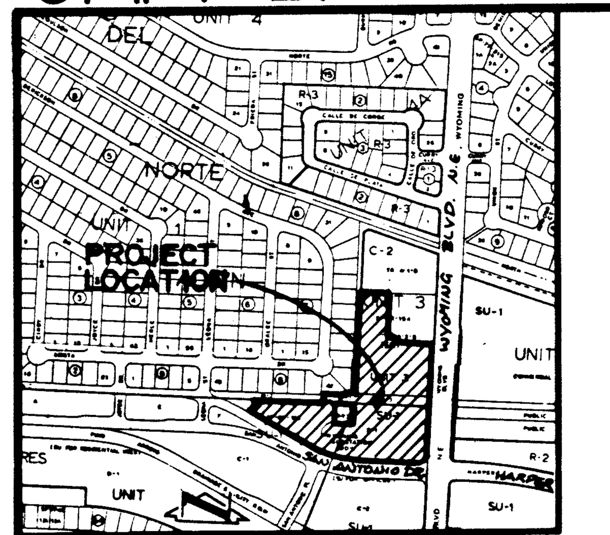
CHAVEZ GRIEVES / CONSULTING ENGINEERS, INC.
4600 Montgomery N.E.
Building C, Suite 101
Albuquerque, N.M. 87109
(505) 881-7376

APPROVED FOR CONSTRUCTION
8-3-89 C.E.

PROJECT NO. 3722

SHEET 1 OF 12

SP# 1-27-2218



VICINITY MAP D & E-19
SCALE : 1" = 800'

SCALE : 1" = 100'

100' 50' 0 100'

DESCRIPTION

A certain parcel of land located within the Corporate Limits of the City of Albuquerque, New Mexico, comprising Tract B-1-A, Academy Acres, Unit 17, as shown on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on December 21, 1988, Book C38, Page 37, and Tract A-2-B-2, Dale J. Bellamah's Loma Del Norte, as shown on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on November 28, 1988, Book C38, Page 1, and being more particularly described as follows:

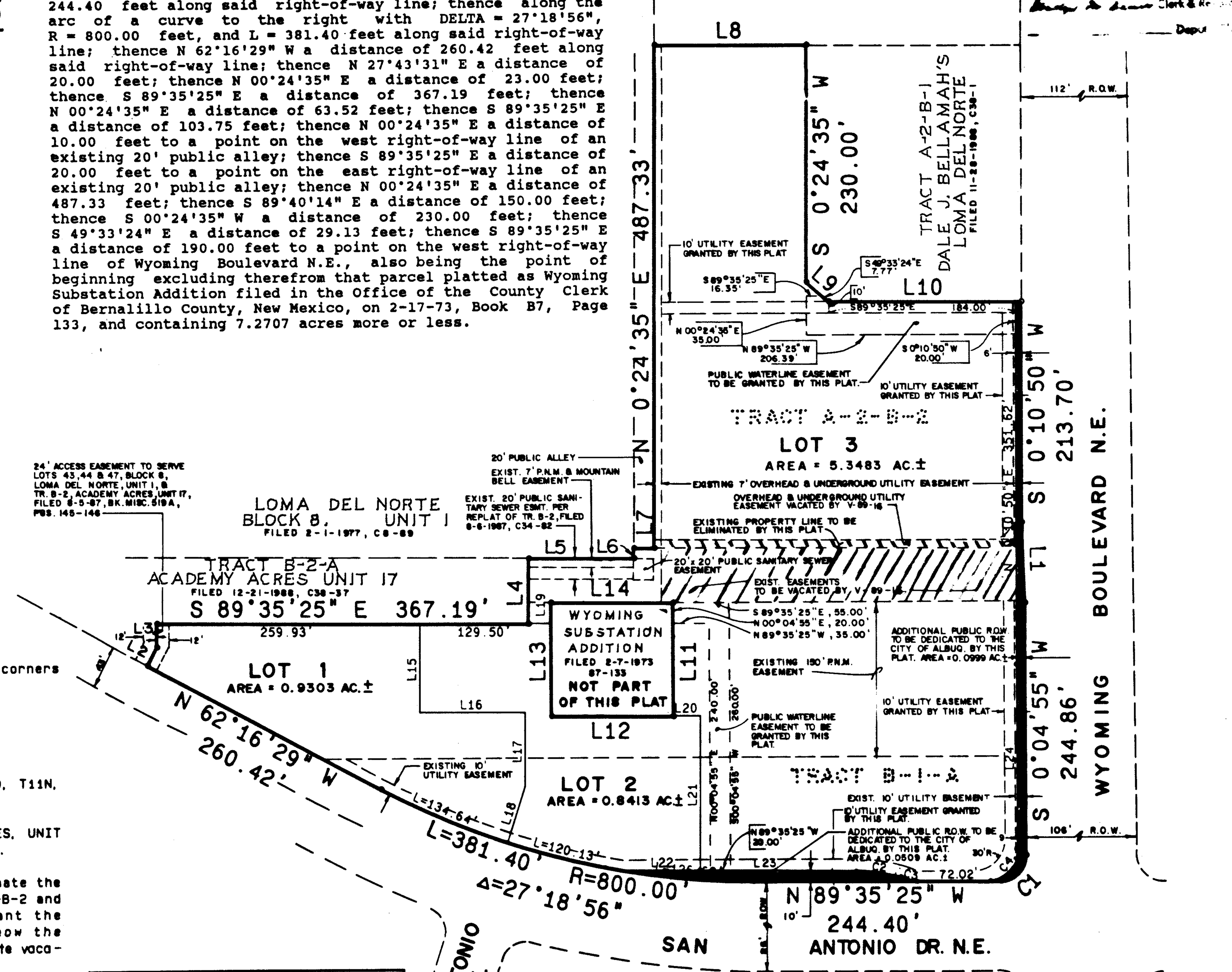
Beginning at the northeast corner of the parcel herein described, being the northeast corner of said Tract A-2-B-2, and also being a point on the west right-of-way line of Wyoming Boulevard N.E.; thence S 00°10'50" W a distance of 213.70 feet along said right-of-way line; thence S 01°56'37" E a distance of 78.17 feet along said right-of-way line; thence S 00°04'55" W a distance of 244.86 feet along said right-of-way; thence along the arc of a curve to the right with DELTA = 90°19'40", R = 25.00 feet and L = 39.41 feet to a point on the north right-of-way line of San Antonio Drive N.E.; thence 89°35'25" W a distance of 244.40 feet along said right-of-way line; thence along the arc of a curve to the right with DELTA = 27°18'56", R = 800.00 feet, and L = 381.40 feet along said right-of-way line; thence N 62°16'29" W a distance of 260.42 feet along said right-of-way line; thence N 27°43'31" E a distance of 20.00 feet; thence N 00°24'35" E a distance of 23.00 feet; thence S 89°35'25" E a distance of 367.19 feet; thence N 00°24'35" E a distance of 63.52 feet; thence S 89°35'25" E a distance of 103.75 feet; thence N 00°24'35" E a distance of 10.00 feet to a point on the west right-of-way line of an existing 20' public alley; thence S 89°35'25" E a distance of 20.00 feet to a point on the east right-of-way line of an existing 20' public alley; thence N 00°24'35" E a distance of 487.33 feet; thence S 89°40'14" E a distance of 150.00 feet; thence S 00°24'35" W a distance of 230.00 feet; thence S 49°33'24" E a distance of 29.13 feet; thence S 89°35'25" E a distance of 190.00 feet to a point on the west right-of-way line of Wyoming Boulevard N.E., also being the point of beginning excluding therefrom that parcel platted as Wyoming Substation Addition filed in the Office of the County Clerk of Bernalillo County, New Mexico, on 2-17-73, Book B7, Page 133, and containing 7.2707 acres more or less.

PLAT OF LOTS 1, 2 & 3 SAN ANTONIO CENTER

8936778

ALBUQUERQUE, NEW MEXICO
JANUARY, 1989

State of New Mexico } SS
County of Bernalillo }
This instrument was filed for record on
APR 24 1989
Recorded in Vol. C39 of said County Folio 16
Clerk & Recorder
Deputy



Notes:

1. A field survey was not performed; no corners were found or set.

2. No street mileage created.

3. All distances are ground distances.

4. Site located within Section 19 and 30, T11N, R4E, N.M.P.M.

5. Bearing base is plat of "ACADEMY ACRES, UNIT 17" filed March 26, 1985, Book C26, Page 162.

6. The purpose of this plat is to eliminate the common property line between Tracts A-2-B-2 and B-1-A and create 3 lots of land, grant the necessary easements as shown and show the easements created by this plat. And incorporate vacated easements per V-89-16.

7. Properties shown hereon are subject to access provision for Public Service Company of New Mexico as set forth on plat filed 3-26-1985, C26-162.

8. Lots 1, 2 & 3 are subject to easement encroachment agreement for encroachment of parking lot into 150' P.N.M. easement filed 12-22-1988, Book Misc. 696 A, Page 430 - 434.

9. Lots 1, 2 & 3 will share a reciprocal blanket private access, drainage, utility & parking easement as created by this plat. Maintenance to be shared by the respective property owners.

10. Lots 1 & 2 grant a private drainage easement to Tract B-2-A, Academy Acres, Unit 17.

LINE	BEARING	DISTANCE
L1	S 1°56'37" E	78.17
L2	N 27°43'31" E	20.00
L3	N 0°24'35" E	23.00
L4	N 0°24'35" E	63.52
L5	S 89°35'25" E	103.75
L6	N 0°24'35" E	10.00
L7	S 89°35'25" E	20.00
L8	S 89°40'14" E	150.00
L9	S 49°33'24" E	29.13
L10	S 89°35'25" E	190.00
L11	S 0°04'55" W	110.00
L12	N 89°35'25" W	120.00
L13	N 0°04'55" E	110.00
L14	S 89°35'25" E	120.00
L15	N 0°24'35" E	86.48
L16	S 89°35'25" E	103.50
L17	N 0°24'35" E	71.96
L18	N 18°04'56" E	55.92
L19	S 89°35'25" E	22.24
L20	S 89°35'25" E	25.91
L21	N 0°24'35" E	150.00
L22	S 89°35'25" E	72.64
L23	S 89°35'25" E	153.46
L24	N 0°04'55" E	180.02

Public Service Company of New Mexico — Date 4-6-89

Gas Company of New Mexico — Date 4-10-89

U.S. West Direct — Date 4-7-89

Jones Intercable Inc. — Date 4-10-89

CURVE	ARC	DELTA	RADIUS	CHORD LENGTH	CHORD BEARING	TAN LENGTH
C1	39.41	90°19'40"	25.00	35.46	S 45°14'45" W	25.14
C2	45.41	16°15'37"	160.00	45.26	S 81°27'36" E	22.86
C3	14.02	2°46'15"	290.00	14.02	S 74°42'56" E	7.01
C4	47.30	90°19'40"	30.00	42.55	N 45°14'45" E	30.17

DEDICATION & FREE CONSENT

The undersigned owners of the land shown hereon do hereby consent to the subdivision of said land in the manner shown on this plat and do hereby grant the easements shown hereon including the rights of ingress and egress and the right to trim interfering trees and do hereby dedicate the public right-of-way as shown.

KENT ANDERSON, VICE-PRESIDENT, AMERICAN STORES PROPERTIES, INC. — DATE 3-17-89

ACKNOWLEDGEMENT

STATE OF California)
COUNTY OF Orange) SS

OFFICIAL SEAL
AMY L. STITT
NOTARY PUBLIC - CALIFORNIA
ORANGE COUNTY
My Comm. Expires Aug. 25, 1992

The foregoing instrument was acknowledged before me this 17th day of March 1989.

Notary Public

DRB · 89-77 SP-89-113

APPROVALS:

Planning Director, City of Albuquerque, N.M. — Date 4-21-89

Water Resources, City of Albuquerque, N.M. — Date 4-18-89

City Engineer, City of Albuquerque — Date 4/18/89

A.M.A.F.C.A., City of Albuquerque — Date 4/18/89

Traffic Engineer, City of Albuquerque, N.M. — Date 4/18/89

Parks and Recreation, City of Albuquerque, N.M. — Date 4-18-89

Chief City Surveyor, City of Albuquerque, N.M. — Date 4/4/89

Property Manager, City of Albuquerque, N.M. — Date 4/4/89

CERTIFICATION

I, William P. Pettit, a registered Professional Surveyor under the laws of the State of New Mexico, do hereby certify that this plat was prepared by me or under my supervision; shows all easements noted in a title report prepared by LAWYERS TITLE INSURANCE CORPORATION on 8-25-1988 (TIA 66-858wp) 11-30-1977 (TIA A-14,061 Vo) meets the minimum requirements of monumentation and surveys of the Albuquerque Subdivision Ordinance, and is true and correct to the best of my knowledge and belief.

William P. Pettit, N.M.P.S No. 3243 — Date 2-22-89

REGISTERED LAND SURVEYOR STATE OF NEW MEXICO No. 3243 WILLIAM P. PETTIT

ACKNOWLEDGEMENT

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

OFFICIAL SEAL
JUAN M. CALA
NOTARY PUBLIC - STATE OF NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires 1-17-90

The foregoing instrument was acknowledged before me on this 22nd day of February, 1989.

Notary Public

60299

JEFF MORTENSEN & ASSOCIATES, INC.
811 DALLAS, N.E. ALBUQUERQUE, NM 87110
ENGINEERS TELEPHONE (505) 265-5611

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

SURVEY INFORMATION — FIELD NOTES: NO. | BY | DATE

ENGINEER'S SEAL

REVISIONS: NO. | DATE | REMARKS | BY

DESIGN: DESIGNED BY — DATE; DRAWN BY — DATE; CHECKED BY — DATE

1 2 3 4 5 6 7 8 9 10 11 12
26 3722 0290

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SAN ANTONIO CENTER
PLAT SHEET

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair					
Trans. Dev.					
Utility Dev.					

DRAWING NO. 3722 | MAP NO. D-19 & E-19 | SHEET 2 OF 12

120697

NOTICE TO CONTRACTOR

1. THE CONTRACTOR WILL NOT WILLFULLY INSTALL ITEMS AS SHOWN ON THE PLANS WHEN IT IS OBVIOUS IN THE FIELD THAT CONDITIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE DESIGN. SUCH CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER. IN THE EVENT THE CONTRACTOR DOES NOT NOTIFY THE ENGINEER, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.

2. 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.

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. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDER-GROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.

5. CONTRACTOR IS TO EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UNDERGROUND UTILITIES. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT SERVICE DISRUPTION.

6. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.

7. CONSTRUCTION WHICH IS EXISTING AND NOT TO BE REMOVED UNDER THE CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS EXPENSE.

8. THF CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AT THE PROPERTY LINES AND WETTING THE SOIL TO KEEP IT FROM BLOWING.

9. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.

10. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.

11. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS TO CONSTRUCT FACILITIES WITHIN CITY RIGHT-OF-WAY.

12. ALL SIGNS, BARRICADES, CHANNELIZATION DEVICES, SIGN FRAMES AND ERECTION OF SUCH DEVICES SHALL CONFORM TO THE REQUIREMENTS OF THE NEW MEXICO MANUAL AND SPECIFICATIONS FOR A UNIFORM SYSTEM OF TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; LATEST EDITION. ALL ADVANCE WARNING SIGNS SHALL BE EQUIPPED WITH TYPE A FLASHING WARNING LIGHTS; ALL CHANNELIZING DEVICES SHALL BE EQUIPPED WITH TYPE C STEADY BURN WARNING LIGHTS.

13. CONTRACTOR SHALL CONDUCT OPERATION SO THAT AT NO TIME IS LANE OF TRAFFIC CLOSED. REFER TO SECTION 19 OF SPECIFICATIONS.

14. WHEN CONSTRUCTION UNDER THIS PROJECT CONNECTS TO EXISTING IMPROVEMENTS, THE CONTRACTOR SHALL PROVIDE AN EASY RIDING CONNECTION.

15. ALL WATER VALVE BOXES AND SEWER MANHOLES IN THE CONSTRUCTION AREA ARE TO BE ADJUSTED TO FINISH GRADE.

16. TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.

17. CONTRACTOR SHALL PROVIDE 12" SUBGRADE PREPARATION UNDER ALL NEW PAVEMENT, CURBS AND GUTTERS, VALLEY GUTTERS AND CONCRETE FILLETS.

18. SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.

19. WHEN ABUTTING NEW PAVEMENT TO EXIST, CUT BACK EXISTING PAVEMENT TO A NEAT, STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT, AND MATCH NEW PAVING TO EXISTING.

20. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.

21. 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 "CITY OF ALBUQUERQUE, STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986" (COA STND).

22. REFERENCE MADE TO STANDARD DRAWINGS REFER TO ALBUQUERQUE STANDARD DRAWINGS.

23. WATERING, AS REQUIRED FOR CONSTRUCTION AND DUST CONTROL, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO MEASUREMENT OR PAYMENT SHALL BE MADE THEREFORE. CONSTRUCTION AREAS SHALL BE WATERED FOR DUST POLLUTION ABATEMENT AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND SUPPLYING WATER AS REQUIRED.

24. THE AIR POLLUTION CONTROL REGULATIONS OF THE ALBUQUERQUE-BERNALLIO COUNTY AIR QUALITY CONTROL BOARD LIMIT EMMISSION OF PARTICULATE MATTER AND THE USE OF CUT BACK ASPHALT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CLARIFY THESE RESTRICTIONS WITH THE ENVIRONMENTAL HEALTH DEPARTMENT PRIOR TO SUBMITTAL OF BIDS TO AVOID CONFLICTS WITH REGULATIONS."

25. ELECTRONIC MARKER DISCS SHALL BE PLACED IN ACCORDANCE WITH SECTION 170 OF THE CITY OF ALBUQUERQUE, STANDARD SPECIFICATIONS, PUBLIC WORKS CONSTRUCTION.

26. CONTRACTOR SHALL ASSIST THE ENGINEER/INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.

27. CONTRACTOR SHALL COORDINATE WITH WATER SYSTEMS DIVISION (823-4200) THREE WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER UTILITIES.

DRAINAGE TO ALLEY
CALCULATIONS:

Area = 1.4509 acres
I = 2.2 in./hr. Plate 22.2 D-2
6-hour, 100-year rainfall = 2.4 in. Plate 22.2 D-1
i = (2.2)(2.4) = 5.28 in./hr.

EXISTING ON-SITE CONDITIONS: (LANDSCAPE COMPANY SITE)

SURFACE TYPE	"C" VALUE	A (ACRES)	"C"X A	COMPOSITE "C"=CXA/A
Streets, Drives, Walks	0.95	0.2755	0.2617	
Roofs	0.90			
Lawns & Landscaping	0.25			
Undeveloped	0.40	0.2755	0.1102	
TOTAL		0.5510	0.3719	0.68

Q(100) = (0.68)(5.28)(0.5510) = 1.96 cfs
Q(10) = (0.657)(1.96) = 1.29 cfs

EXISTING ON-SITE CONDITIONS: (SKAGGS)

SURFACE TYPE	"C" VALUE	A (ACRES)	"C"X A	COMPOSITE "C"=CXA/A
Streets, Drives, Walks	0.95			
Roofs	0.90			
Lawns & Landscaping	0.25			
Undeveloped	0.40	0.8999	0.3600	
TOTAL		0.8999	0.3600	0.40

Q(100) = (0.40)(5.28)(0.8999) = 1.90 cfs
Q(10) = (0.657)(1.90) = 1.25 cfs

TOTAL RUNOFF TO ALLEY 1.96 + 1.90 = 3.86 CFS
TOTAL AREA DRAINING TO ALLEY = 0.5510 + 0.8999 = 1.4509 AC

ALLEY CAPACITY:
S = 0.0044
A = 2 (0.5)(10 X 0.2) = 2 SF
N = 0.013
$P = 2\left(\sqrt{10^2 + 0.2^2}\right) = 20.00$
R = A/P = 2/20 = 0.10

$Q = \frac{1.49}{n} R^{2/3} S^{1/2} A$

$= \frac{1.49}{0.013} (0.10)^{2/3} (0.0044)^{1/2} (2)$

= 3.2759 CFS

PRESENTY RUNOFF EXCEEDS DEVELOPED ALLEY CAPACITY

LIMIT CAPACITY OF SKAGGS SITE TO
3.86-3.28 = 0.58
1.90-0.58 = 1.32 CFS

PROJECT LEGEND

DESCRIPTION	NEW	EXISTING
PROPERTY LINE		
EASEMENT		
CURB & GUTTER		
CURB		
VALLEY GUTTER		~
SIDEWALK		
WATERLINE	—W—	—W—
WATER VALVE		
FIRE HYDRANT		
SANITARY SEWER LINE	—SAS—	—SAS—
CONC. THRUST BLOCKING		~
CONTOUR	—50—	—50—

ABBREVATIONS

TC = TOP OF CURB or CONCRETE
TA = TOP OF ASPHALT
FL = FLOWLINE

SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE

BENCH MARKS

A Standard A.C.S. Brass Tablet Stamped "6-B19-1978," Set in Top of Concrete Post Flush with the Ground, Located at the Intersection of Wyoming Blvd, NE and the Vacated San Antonio Drive, NE
Elev. = 5403.54 (M.S.L.D.)

AS BUILT INFORMATION

CONTRACTOR J.R. HALE
WORK STAKED BY WALKER ENGINEERING DATE 1-90
INSPECTORS FIELD CHANGES BY L.V. DATE 3-7-90
VERIFICATION BY GRAVES DATE
DRAWINGS CORRECTED BY GRAVES DATE 2-90
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

STATE OF NEW MEXICO — JOHN T. CHAVEZ — REGISTERED PROFESSIONAL ENGINEER — 5/1/89

NO.	DATE	REMARKS	BY

REVISIONS

		DATE
DESIGNED BY	RGS	3-89
DRAWN BY	H.T.	3-89
CHECKED BY	VJC	3-89

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SAN ANTONIO CENTER
GENERAL NOTES
AND PROJECT LEGEND

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Roger A. Blum	5/10/89			
Trans. Dev.	"	"			
Utility Dev.	M Quinnes	5/15/89			

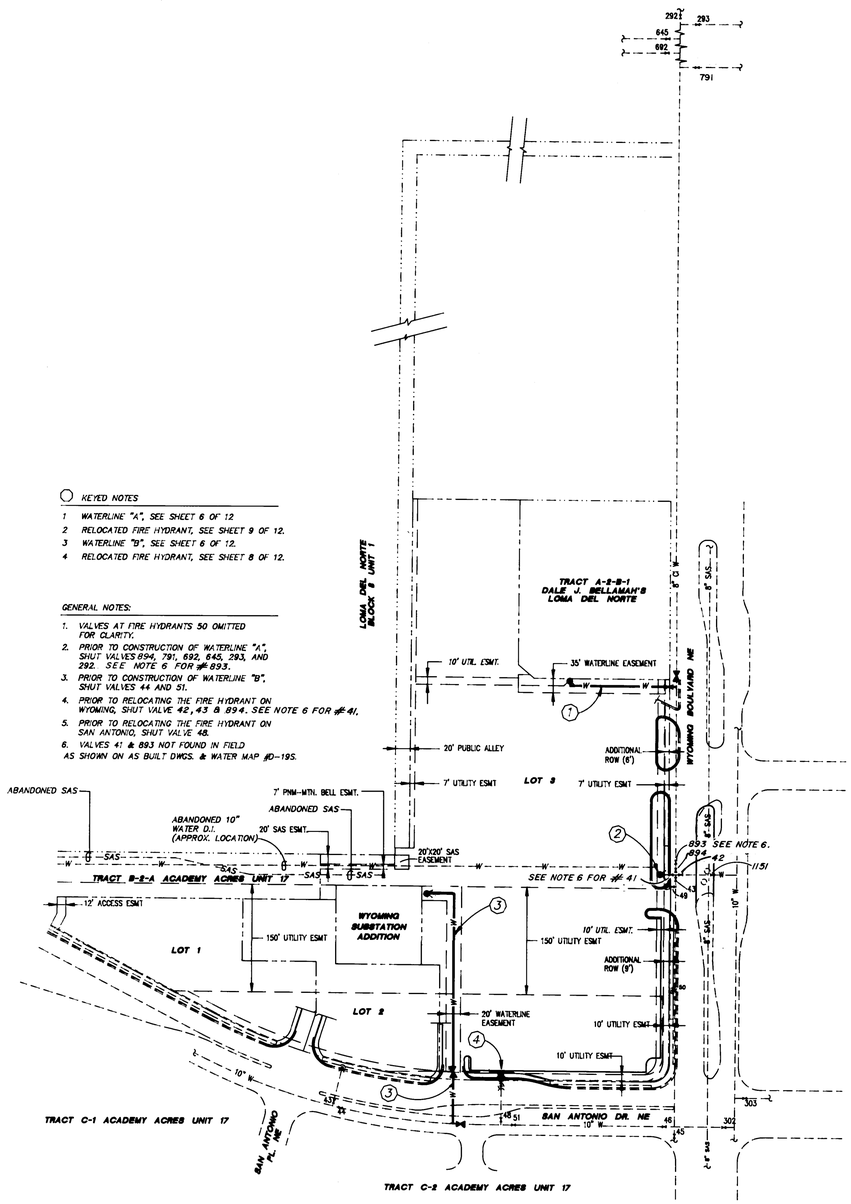
DRAWING NO. 3722 | MAP NO. D-19 & E-19 | SHEET 3 OF 12

KEYED NOTES

1 WATERLINE "A", SEE SHEET 6 OF 12
2 RELOCATED FIRE HYDRANT, SEE SHEET 9 OF 12.
3 WATERLINE "B", SEE SHEET 6 OF 12.
4 RELOCATED FIRE HYDRANT, SEE SHEET 8 OF 12.

GENERAL NOTES:

1. VALVES AT FIRE HYDRANTS 50 OMITTED FOR CLARITY.
2. PRIOR TO CONSTRUCTION OF WATERLINE "A", SHUT VALVES 894, 791, 692, 645, 293, AND 292. SEE NOTE 6 FOR #893.
3. PRIOR TO CONSTRUCTION OF WATERLINE "B", SHUT VALVES 44 AND 51.
4. PRIOR TO RELOCATING THE FIRE HYDRANT ON WYOMING, SHUT VALVE 42, 43 & 894. SEE NOTE 6 FOR #41.
5. PRIOR TO RELOCATING THE FIRE HYDRANT ON SAN ANTONIO, SHUT VALVE 48.
6. VALVES 41 & 893 NOT FOUND IN FIELD AS SHOWN ON AS BUILT DWGS. & WATER MAP #D-19S.



OVERALL UTILITY PLAN

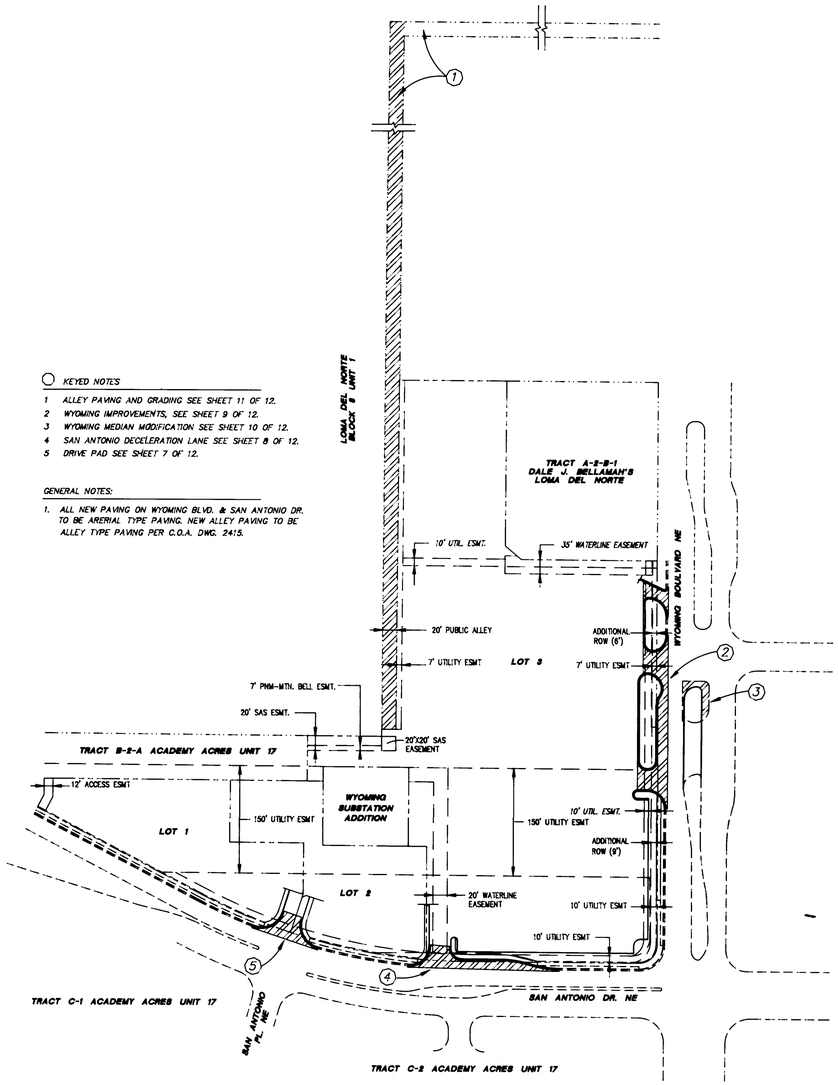
SCALE 1"=100'

KEYED NOTES

1 ALLEY PAVING AND GRADING SEE SHEET 11 OF 12.
2 WYOMING IMPROVEMENTS, SEE SHEET 9 OF 12.
3 WYOMING MEDIAN MODIFICATION SEE SHEET 10 OF 12.
4 SAN ANTONIO DECELERATION LANE SEE SHEET 8 OF 12.
5 DRIVE PAD SEE SHEET 7 OF 12.

GENERAL NOTES:

1. ALL NEW PAVING ON WYOMING BLVD. & SAN ANTONIO DR. TO BE ARERIAL TYPE PAVING. NEW ALLEY PAVING TO BE ALLEY TYPE PAVING PER C.O.A. DWG. 2415.



OVERALL PAVING PLAN

SCALE 1"=100'

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

AS BUILT INFORMATION

CONTRACTOR J.R. HALE
WORK STAKED BY SURVEYING DATE 1-90
INSPECTOR'S ACCEPTANCE BY N.A.W. DATE 3-90
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY WAVERS & ASSOCIATES DATE 2-90
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

A Standard A.C.S. Brass Tablet Stamped "G-019-1978," Set in Top of Concrete Post Flush with the Ground, Located at the Intersection of Wyoming Blvd. NE and the Vacated San Antonio Drive, NE
Elev. = 5408.54 (M.S.L.D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

VICTOR J. GRIEGO
STATE OF NEW MEXICO
NEW MEXICO PROFESSIONAL ENGINEER
5/1/89

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

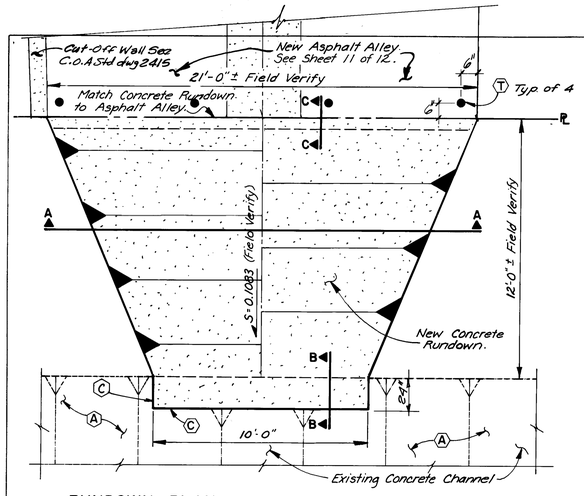
DESIGNED BY RGS DATE 3-89
DRAWN BY RGS-W DATE 3-89
CHECKED BY WC DATE 3-89

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SAN ANTONIO CENTER
OVERALL PAVING PLAN
OVERALL UTILITY PLAN

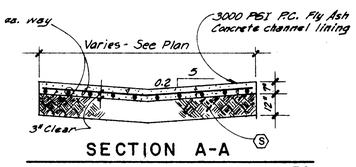
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIRMAN	Roger A. Stokes	5/16/89			
TRANS. DEV.	" "	"			
UTILITY DEV.	[illegible]	5/15/89			

DRAWING NO. 3722 | MAP NO. D-19 & E-19 | SHEET 4 OF 12



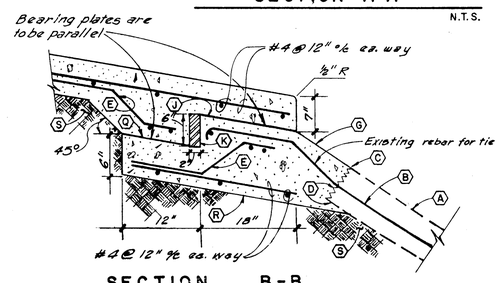
RUNDOWN PLAN

N.T.S.



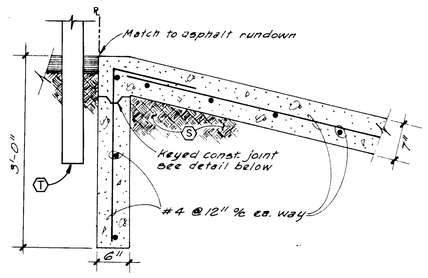
SECTION A-A

N.T.S.



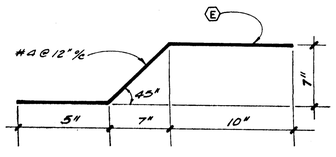
SECTION B-B

N.T.S.



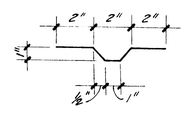
SECTION C-C

N.T.S.



Z - BAR DETAIL

N.T.S.

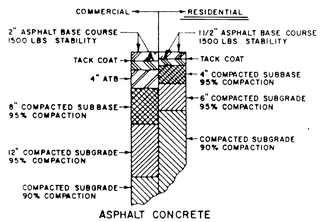


KEYWAY DETAIL

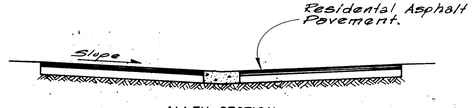
N.T.S.

1/5 CONCRETE RUNDOWN

N.T.S.



ASPHALT CONCRETE PAVEMENT SECTION



ALLEY SECTION

2/5 ALLEY SECTION (C.O.A. STD. DWG. 2411)

CONSTRUCTION NOTES:

A. EXISTING CONCRETE CHANNEL LINING OR STRUCTURE.

B. EXISTING REINFORCING STEEL TO REMAIN.

C. 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.

D. SANDBLAST EDGE OF EXISTING CONCRETE JUST PRIOR TO PLACING NEW CONCRETE.

E. Z-BAR LOCATIONS IN TWO POSITIONS SHOWN. SEE "Z" BAR DETAIL THIS SHEET, SECURELY TIE ALL CONNECTIONS AND SUPPORT SLEEPER MAT WITH CHAIRS.

G. FORM AND POUR DOWN STREAM CONCRETE SECTION AS SHOWN WITH ALUMINUM FLOAT AND DRY BROOM FINISH. APPLY STEEL TROWEL FINISH TO BEARING PLATE SURFACE ONLY. BEARING FLAT SURFACE MUST BE PARALLEL TO BEARING PLATE SURFACE ON SLEEPER. FORMS MUST REMAIN IN PLACE AT LEAST 12 HOURS FOLLOWING POUR.

J. PLACE 1/4" X 18" LOW DENSITY POLYETHYLENE BEARING PLATE AS SHOWN.

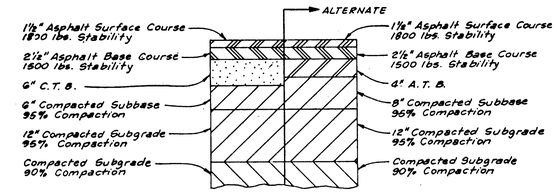
K. PLACE POLYETHYLENE FOAM FILLER AS SHOWN, PLASTAZONE OR APPROVED EQUAL. DO NOT ANCHOR WITH NAILS OR BONDING AGENT. KEEP IN PLACE WITH FRESH CONCRETE WHEN POURING UPSTREAM SECTION. DO NOT ALLOW FRESH CONCRETE BETWEEN FILLER AND PREVIOUS CONCRETE.

Q. LOW DENSITY POLYETHYLENE BEARING PLATE, AS MANUFAC. BY DES LAURIER INC. OR APPROVED EQUAL, 1/4" X 10", PLACED FLAT ON SAME GRADE AS CHANNEL. CARE SHALL BE TAKEN NOT TO LOCK EDGE OF PLATE WITH CONCRETE FILLED HOLES OR FLASHING. COMPACT SOIL TO TOP PLANE OF PLATE.

R. FORM AND POUR CONCRETE SLEEPER, STEEL TROWEL BEARING SURFACE SIDE ONLY. RECOMPACT ADJACENT SOIL.

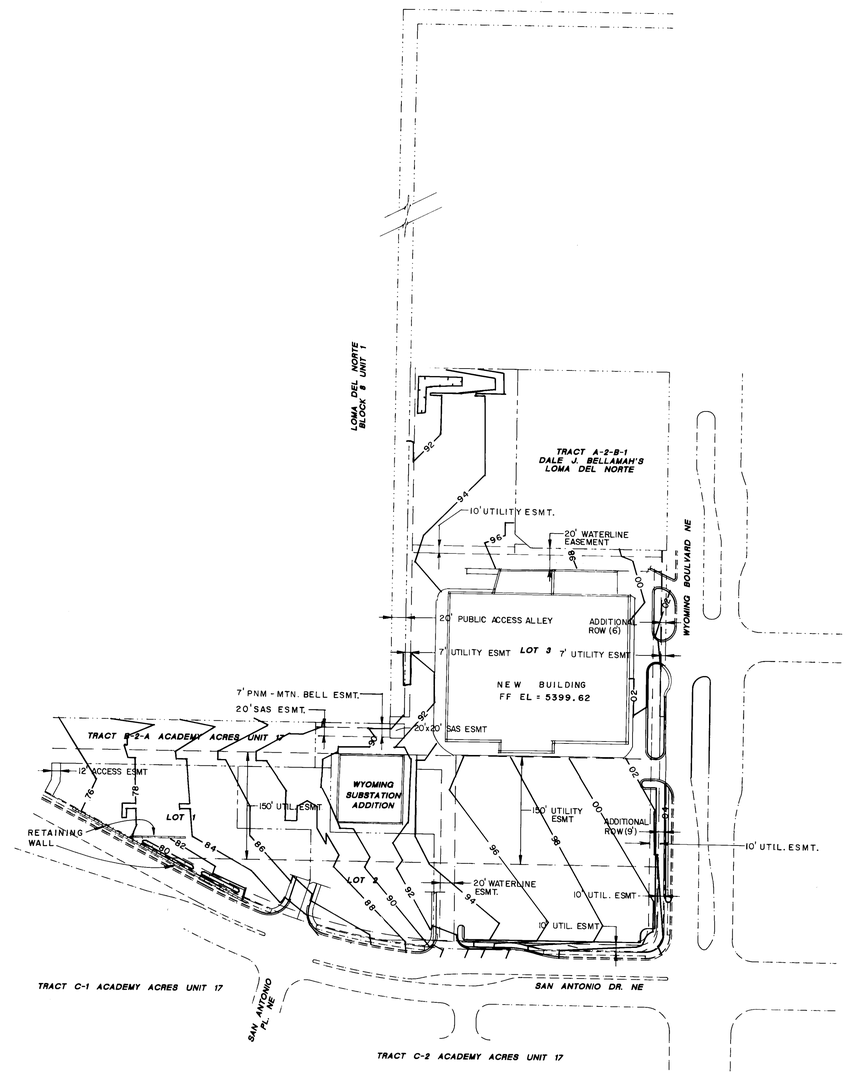
S. COMPACT SUBGRADE TO MINIMUM 90% PER ASTM D 1557.

T. INSTALL 4 STATIONARY POSTS IN ACCORDANCE WITH C.O.A. STANDARD DRAWING 2250.



ARTERIAL STREET PAVEMENT SECTION

MATCH EXISTING SECTION



OVERALL GRADING & DRAINAGE PLAN

SCALE 1"=100'

NORTH

AS BUILT INFORMATION	
CONTRACTOR	J.R. HALE
WORK STAKED BY	WALKER
INSPECTOR'S	SURVEYING DATE 1-90
FIELD TRACE BY	L.V. DATE 3-90
VERIFICATION BY	CHAVEZ DATE
DRAWINGS CORRECTED BY	GRAVES DATE 2-90
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS	
A Standard A.C.S. Brass Tablet Stamped "6-D19-1978," Set in Top of Concrete Post Flush with the Ground, Located at the Intersection of Wyoming Blvd. NE and the Vacated San Antonio Drive, NE	
Elev = 5403.54 (M.S.L.D.)	

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

FLORENTINO R. CHAVEZ — STATE OF NEW MEXICO — REGISTERED PROFESSIONAL ENGINEER — 5/1/89

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

		DATE
DESIGNED BY	RGS	3-89
DRAWN BY	A.H.R.	3-89
CHECKED BY	VJC	3-89

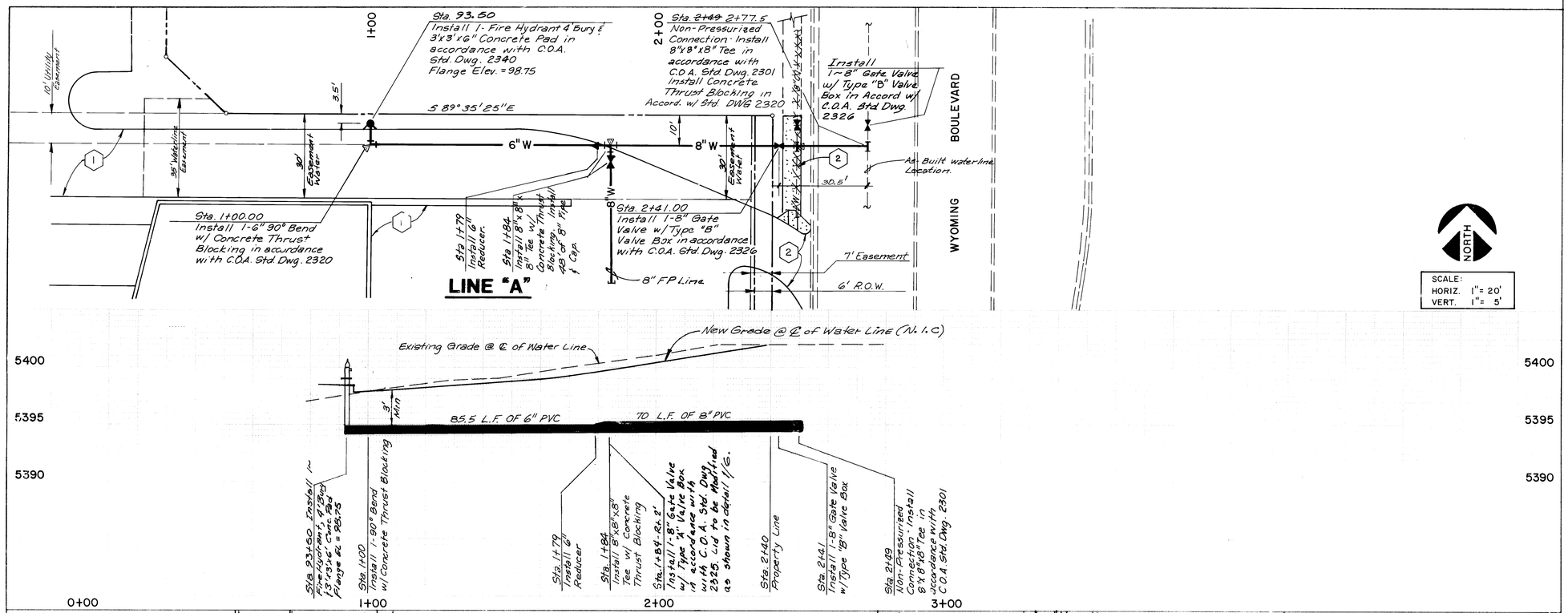
1 2 3 4 5 6 7 8 9 10 11 12
2 6 3 7 2 2 0 5 9 0

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SAN ANTONIO CENTER
OVERALL GRADING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Roger A Stein	5/16/89			
Trans Dev	"	"			
Utility Dev	Albuquerque	5/15/89			

DRAWING NO.	MAP NO.	SHEET	OF
3722	D-19 & E-19	5	12



KEYED NOTES:

1 NEW SIDEWALK/CURB, NOT THIS CONTRACT.

2 NEW CONSTRUCTION, THIS CONTRACT.

3 REMOVE & REPLACE APPROXIMATELY 5 SQ.YDS. OF ARTERIAL PAVING. SEE ARTERIAL STREET PAVING SECTION ON SHEET 5 OF 12.

4 REMOVE & REPLACE APPROXIMATELY 9 SQ.YDS. OF ARTERIAL PAVING. SEE ARTERIAL STREET PAVING SECTION ON SHEET 5 OF 12.

GENERAL NOTES:

1 SEE SHEET 4 FOR VALVE SHUT OFF DIAGRAM.

2 SEE SHEET 5 FOR ARTERIAL PAVING SECTION.

3 WATER & SEWER SERVICE LINES FOR BUILDINGS & LANDSCAPING TO BE INSTALLED UNDER SEPARATE CONTRACT.

AS BUILT INFORMATION
CONTRACTOR J.R. HALE
WORK STAKED BY WALKER SURVEYING DATE 1-30
AS BUILT BY L.V. DATE 3-7-90
FIELD CHANGES BY DATE
DRAWINGS CORRECTED BY CHAVEZ DATE 2-90
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS
A Standard A.C.S. Brass Tablet Stamped "6-D19-1978," Set in Top of Concrete Post Flush with the Ground, Located at the Intersection of Wyoming Blvd. NE and the Vacated San Antonio Drive, NE
Elev. = 5403.54 (N.G.V.D.)

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO
VICTOR J. CHAVEZ
REGISTERED PROFESSIONAL ENGINEER
5/1/89

REVISIONS

NO	DATE	REMARKS	BY

DESIGN

DESIGNED BY	RGS	DATE 3-89
DRAWN BY	JH, TA	DATE 3-89
CHECKED BY	VJC	DATE 3-89

RING PLAN VIEW

1/6

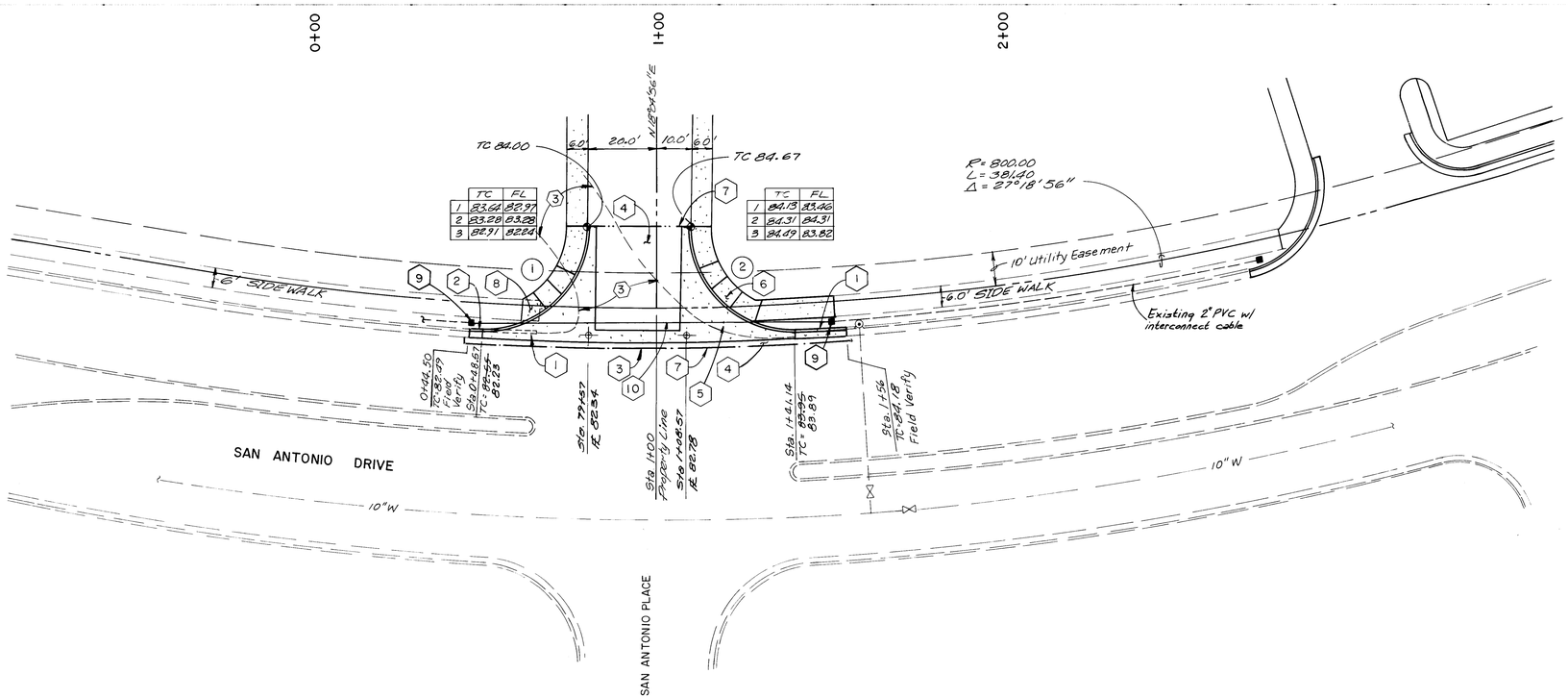
26 37 22 06 90

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SAN ANTONIO CENTER WATERLINE EXTENSIONS: LINE "A" & LINE "B"

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Roger Schaefer	5/1/89	Liquid Waste	RGS	5/1/89
A.C.E. - Design	"	"	Traffic	Roger Schaefer	5/1/89
A.C.E. - Hydrology	"	"	Water	Mike Quinn	5/15/89

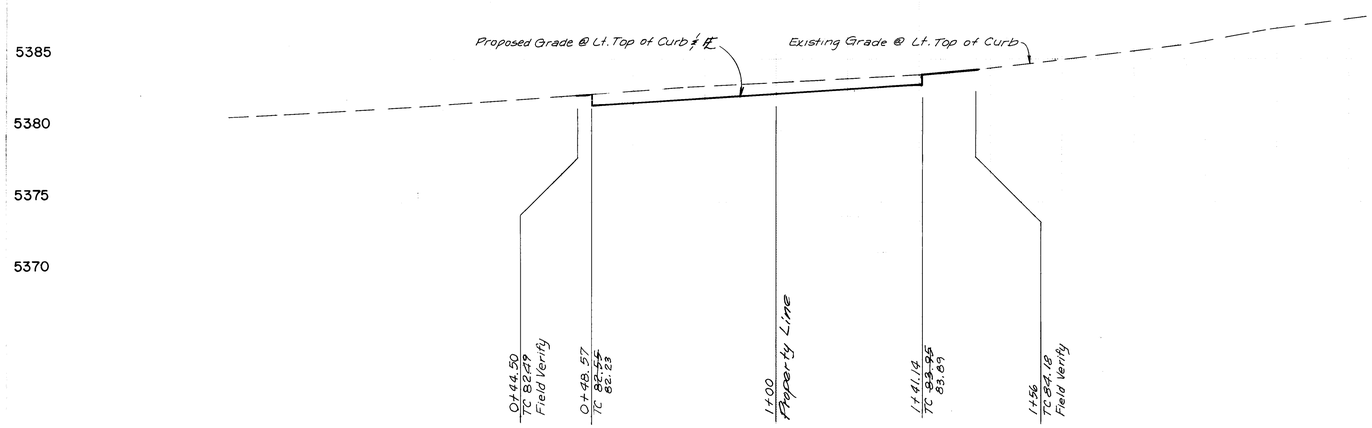
DRAWING NO 3722 | MAP NO. D-19 & E-19 | SHEET 6 OF 12



	TC	FL
1	83.64	82.97
2	83.28	83.28
3	82.91	82.24

	TC	FL
1	84.13	83.46
2	84.31	84.31
3	84.09	83.82

SAN ANTONIO DRIVE PAD



NORTH

SCALE:
HORIZ. 1"=20'
VERT. 1"= 5'

KEYED NOTES:

1 REMOVE EXISTING ASPHALT CURB.

2 REMOVE EXISTING CONCRETE CURB & GUTTER TO NEAREST JOINT.

3 REMOVE APPROXIMATELY 150 SY OF EXISTING ASPHALT.

4 ARTERIAL PAVING SECTION. SEE ARTERIAL PAVING DETAIL, SHEET 5.

5 DRIVE PAD IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2426.

6 NEW 6' WIDE SIDEWALK IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2430.

7 LIMITS OF CONSTRUCTION THIS CONTRACT.

8 REMOVE EXISTING SIDEWALK TO NEAREST JOINT.

9 INSTALL NEW PULL BOX, PER C.O.A. STD. DWG. 2521.17"X34"

10 LOWER EXISTING 2" PVC AS REQUIRED 18" MINIMUM COVER AND TIE INTO NEW PULL BOXES.

BENCH MARK

A Standard A.C.S. Brass Tablet Stamped "G-D19-1978" Set in Top of Concrete Post Flush with the Ground, Located at the Intersection of Wyoming Blvd., NE and the Vacated San Antonio Drive, NE
Elev. = 5403.54 (M.S.L.D.)

J.R. HALE
WALKER SURVEYING
L.V.
3790

CHAVEZ-GRIEVES
290

02-16-90

CURB DATA:

	R	La	D
1	30	49.05	93 41'00"
2	30	48.67	92 56'47"

REVISIONS

BY	DATE
RGS	3 89
AH, R	3 89
V.J.C	3 89

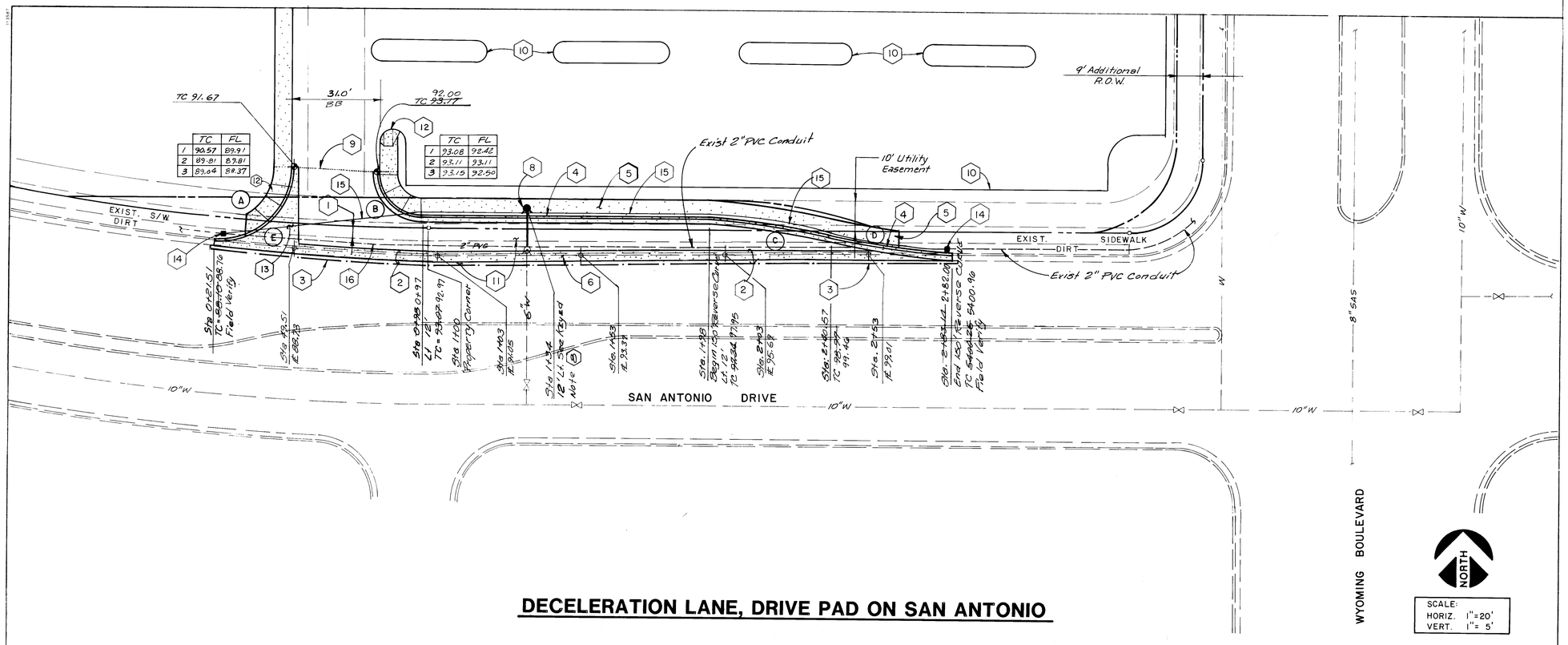
26 3722 07 90

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE: SAN ANTONIO CENTER
SAN ANTONIO DRIVE PAD

	ENGINEER	DATE		ENGINEER	DATE
City Engineer	Roger A Shaw	5/15/89	Water Quality	PEGO	5/15/89
A.C.E. Design	"	"	Traffic	Roger A Shaw	5/15/89
A.C.E. Hydrology	"	"	Wastewater	PEGO	5/15/89

DRAWING NO	MAP NO	SHEET	OF
3722	D-19 & E-19	7	12

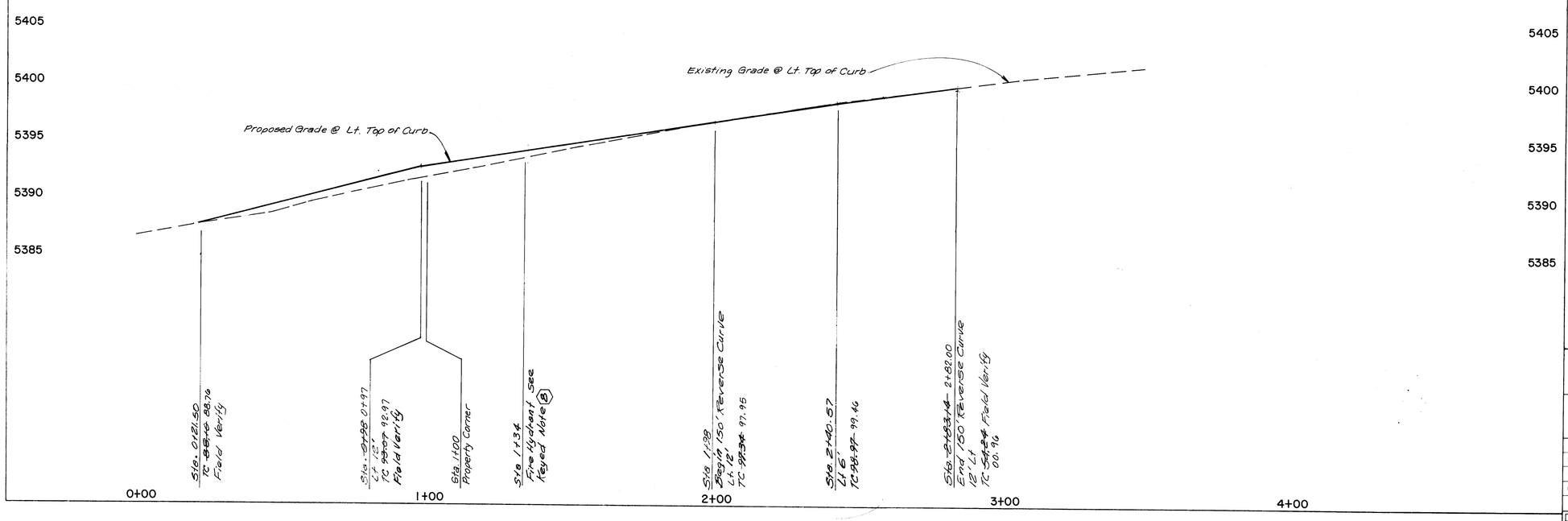


	TC	FL
1	90.57	89.91
2	89.81	89.81
3	89.04	88.37

	TC	FL
1	93.08	92.42
2	93.11	93.11
3	93.19	92.50

DECELERATION LANE, DRIVE PAD ON SAN ANTONIO

SCALE:
HORIZ. 1"=20'
VERT. 1"= 5'



KEYED NOTES:

1 REMOVE EXISTING SIDEWALK TO THE NEAREST JOINT.

2 REMOVE EXISTING CURB & GUTTER TO THE NEAREST JOINT.

3 LIMITS OF PAVEMENT REMOVAL.

4 NEW CURB & GUTTER IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2415.

5 NEW 6' WIDE SIDEWALK IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2430.

6 NEW 4' WIDE VALLEY GUTTER IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2421, SECTION A-A.

7 NOT USED

8 STA. 1+34
RELOCATE EXISTING FIRE HYDRANT AND EXTEND 6" WATER LINE APPROXIMATELY 12' NORTH. INSTALL IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2320. FIRE HYDRANT FLANGE ELEVATION 5395.0 SEE SHEET 4 FOR VALVE SHUT-OFF PLAN.

9 LIMITS OF CONSTRUCTION, THIS CONTRACT.

10 PROPOSED CONSTRUCTION, NOT THIS CONTRACT.

11 ARTERIAL PAVING SECTION. SEE ARTERIAL PAVING DETAIL, SHEET 5.

12 HANDICAPPED RAMPS. TYP.

13 CONSTRUCT CONCRETE VALLEY GUTTER IN ACCORDANCE WITH C.O.A. STD.DWG. 2420.

14 INSTALL 17" X 34" PULL BOXES PER C.O.A. STD. DWG. 2521.

15 INSTALL NEW 2" PVC CONDUIT. 18" MIN. BURY.

16 REMOVE EXISTING 2" PVC CONDUIT.

CURB DATA:

	R	La	D
A	25'	41.78	95°44'45"
B	15'	23.48	89°40'20"
C	150'	42.57	16°15'37"
D	150'	42.57	16°15'37"
E	800'	381.40	27°18'56"

26 37220890

AS BUILT INFORMATION
CONTRACTOR J.R. HALE
AS-BUILT BY WALKER SURVEYING DATE 1-30
INSPECTOR'S ACCEPTANCE BY L.V. DATE 3-7-90
VERIFICATION BY DATE
DRAWINGS CORRECTED BY G. CHAVEZ DATE 2-90
CONTROL FILE MICRO-FILM INFORMATION
MR CORRECTED BY DATE
NO

BENCH MARKS
A Standard A.C.S. Brass Tablet Stamped "G-019-1978," Set in Top of Concrete Pool Flush with the Ground, Located at the Intersection of Wyoming Blvd. NE and the Vacated San Antonio Drive, NE
Elev. = 5403.54 (M.S.L.D.)

SURVEY INFORMATION
FIELD NOTES
NO BY DATE

ENGINEER'S SEAL
VICTOR J. CHAVEZ STATE OF NEW MEXICO NO. 5339 REGISTERED PROFESSIONAL ENGINEER
5/1/89

02-16-90

NO.	DATE	REMARKS	BY
		REVISIONS	

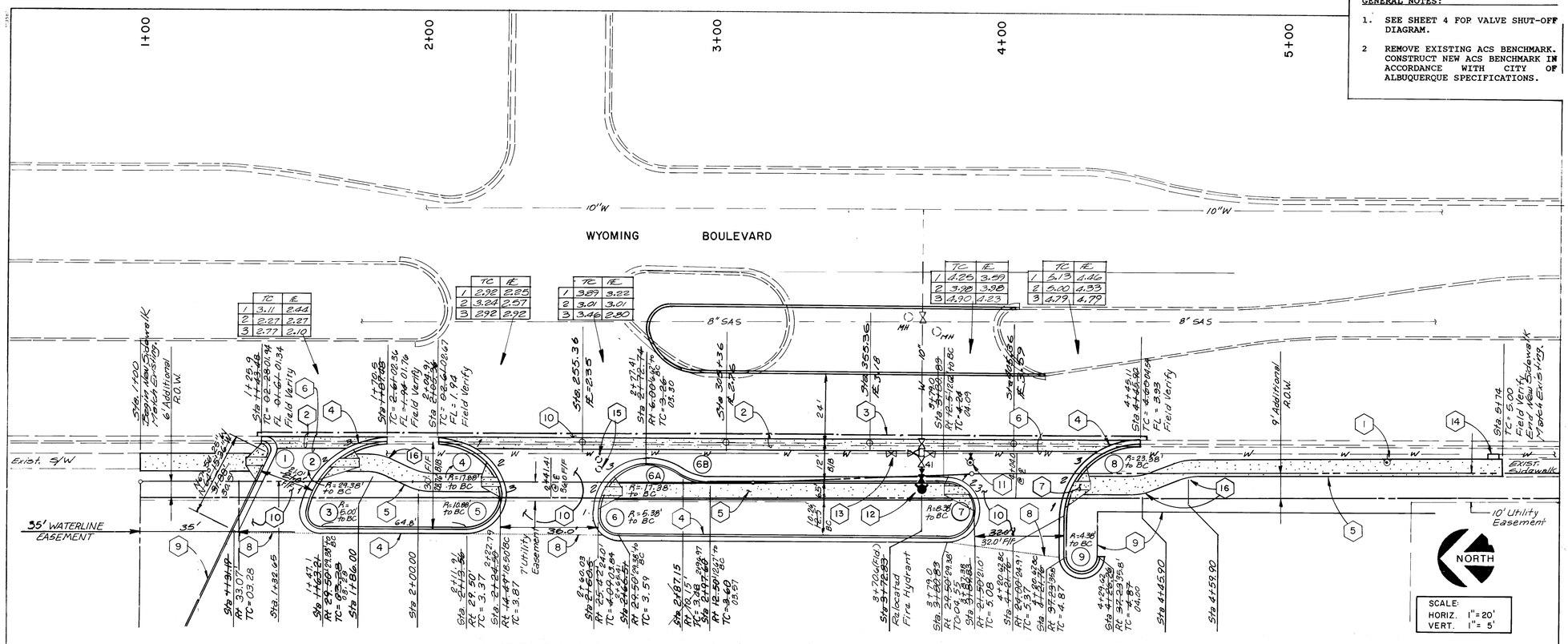
DESIGN
DESIGNED BY RGS DATE 3-89
DRAWN BY AH, A DATE 3-89
CHECKED BY VJC DATE 3-89

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

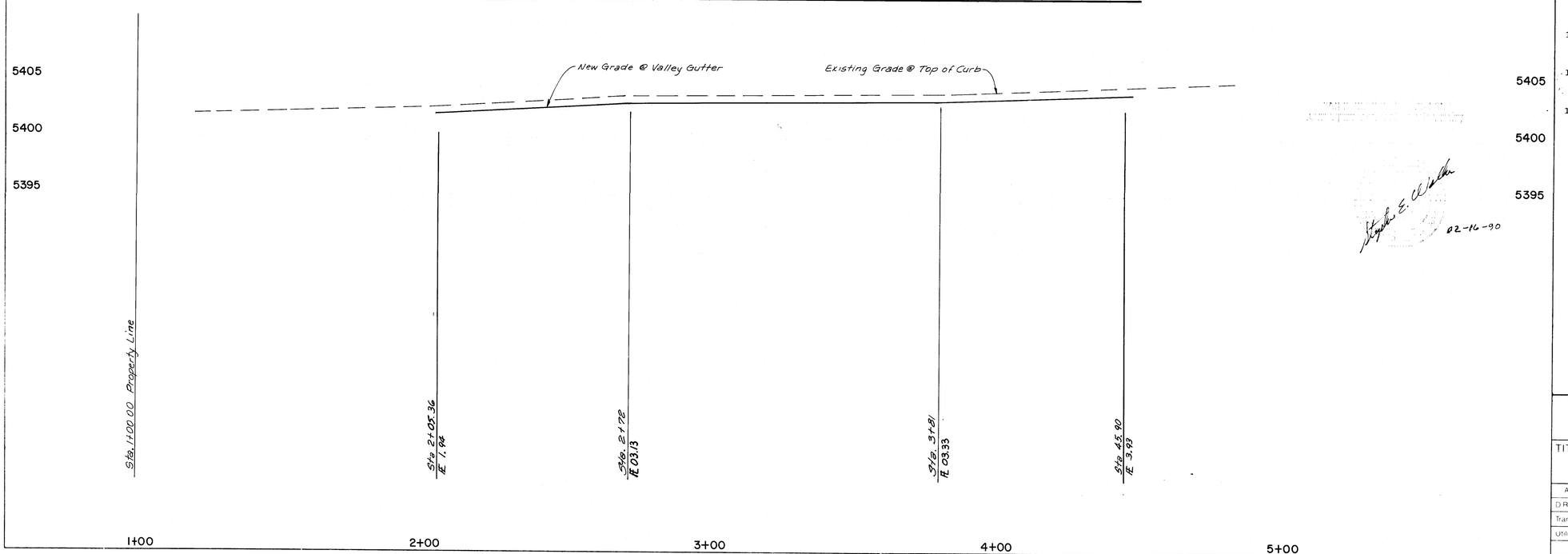
TITLE SAN ANTONIO CENTER
SAN ANTONIO DECELERATION LANE & DRIVEPAD

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Roger L. Stone	5/15/89			
Trans. Dev.	"	"			
Utility Dev.	[illegible]	5/15/89			

DRAWING NO. 3722 | MAP NO. D-19 & E-19 | SHEET 8 OF 12



CURB, SIDEWALK, DRIVEPADS AND DECELERATION LANE ON WYOMING



GENERAL NOTES:

1. SEE SHEET 4 FOR VALVE SHUT-OFF DIAGRAM.
2. REMOVE EXISTING ACS BENCHMARK. CONSTRUCT NEW ACS BENCHMARK IN ACCORDANCE WITH CITY OF ALBUQUERQUE SPECIFICATIONS.

KEYED NOTES:

1. ADJUST FIRE HYDRANT FLANGE ELEVATION 5405.36 REMOVE & REINSTALL CONCRETE PAD AS REQUIRED.
2. REMOVE EXISTING CURB & GUTTER TO THE NEAREST JOINT.
3. LIMITS OF PAVEMENT REMOVAL.
4. NEW CURB & GUTTER IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2415.
5. NEW 6' WIDE SIDEWALK IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2430.
6. NEW 4' WIDE VALLEY GUTTER IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2415.
7. WHEEL CHAIR RAMP IN ACCORDANCE WITH C.O.A. STD DWG. 2426. TYP OF 6.
8. LIMITS OF NEW ARTERIAL PAVING.
9. PROPOSED CONSTRUCTION, NOT THIS CONTRACT.
10. NEW ARTERIAL PAVING. SEE ARTERIAL PAVING DETAIL, SHEET 5.
11. REMOVE EXISTING FIRE HYDRANT & VALVE. INSTALL FIRE HYDRANT & VALVE AT STATION 3 + 72.83 CAP EXISTING TEE.
12. VALVE #41 NOT LOCATED IN FIELD BY SURVEY. VALVE MAY HAVE BEEN REMOVED UNDER SEPARATE CONTRACT. FOR INSTALLATION OF FIRE HYDRANT THE CONTRACTOR SHALL PERFORM THE FOLLOWING: REMOVE VALVE (IF APPLICABLE AND RETURN TO THE CITY OF ALBUQUERQUE), REMOVE CAP, INSTALL 10" X 6" REDUCER, INSTALL RELOCATED 6" GATE VALVE IN NEW TYPE "A" VALVE BOX, INSTALL APPROXIMATELY 9 L.F. OF 6" WATERLINE & INSTALL RELOCATED FIRE HYDRANT. FIRE HYDRANT SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STD. DWG. 2320 VALVE BOX SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STD. DWG. 2325. FIRE HYDRANT FLANGE ELEVATION 5404.66.
13. REMOVE EXISTING VALVE BOX. INSTALL NEW TYPE "A" VALVE BOX IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2325 (TYPICAL OF 4).
14. ADJUST TELEPHONE RISER IN ACCORDANCE WITH TELEPHONE COMPANY STANDARDS.
15. ADJUST TELEPHONE MANHOLES IN ACCORDANCE WITH TELEPHONE COMPANY STANDARDS.
16. CONSTRUCT SIDEWALK TRANSITIONS IN ACCORDANCE WITH C.O.A. STD. DWG. 2432, SECTION A-A.

26 37220990

CURB DATA:

	R	La	D
1	2.0	4.03	115° 33′ 34"
2	30.0	39.87	76° 08′ 34"
3	5.0	9.07	103° 57′ 22"
4	20.0	25.45	72° 53′ 44"
5	11.5	21.50	107° 06′ 16"
6	6.0	9.46	90° 19′ 40"
6a	18.4	39.90	124° 14′ 55"
6b	18.4	11.10	34° 34′ 35"
7	9.0	28.17	180° 00′ 00"
8	24.0	37.84	90° 20′ 46"
9	4.5	14.14	180° 00′ 00"

AS BUILT INFORMATION — CONTRACTOR J.R. HALE; WORK STAKED BY WALKER SURVEYING DATE 1-90; WORK INSPECTED BY L.V. DATE 3-90; AS-BUILT DRAWINGS BY GRAVES DATE 2-90; VERIFICATION OF CONDITIONS BY GRAVES DATE 2-90; MICRO-FILM INFORMATION; RECORDED BY; DATE; NO.

BENCH MARKS — A Standard A.C.S. Brass Tablet Stamped "16-D19-1978," Set in Top of Concrete Post Flush with the Ground, Located at the Intersection of Wyoming Blvd. N.E. and the Vacated San Antonio Drive, NE. Elev. = 5403.54 (M.S.L.D.)

SURVEY INFORMATION — FIELD NOTES; NO; BY; DATE

ENGINEER'S SEAL — CLAYTON J. GRAVES, STATE OF NEW MEXICO, REGISTERED PROFESSIONAL ENGINEER, 5/1/89

NO.	DATE	REMARKS	BY
		REVISIONS	

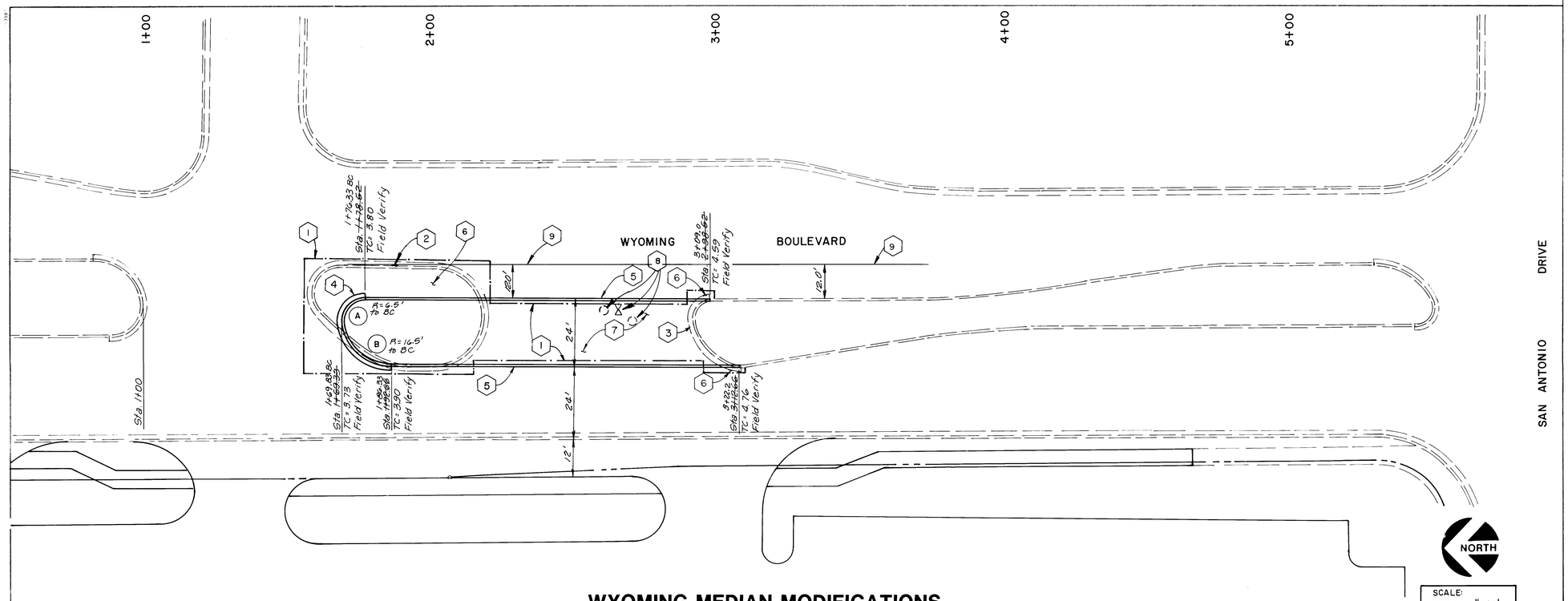
DESIGN — DESIGNED BY RGS DATE 3-89; DRAWN BY AH, R, VRC DATE 3-89; CHECKED BY VJC DATE 3-89

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SAN ANTONIO CENTER
WYOMING DECELERATION LANE, DRIVEPADS & SIDEWALK

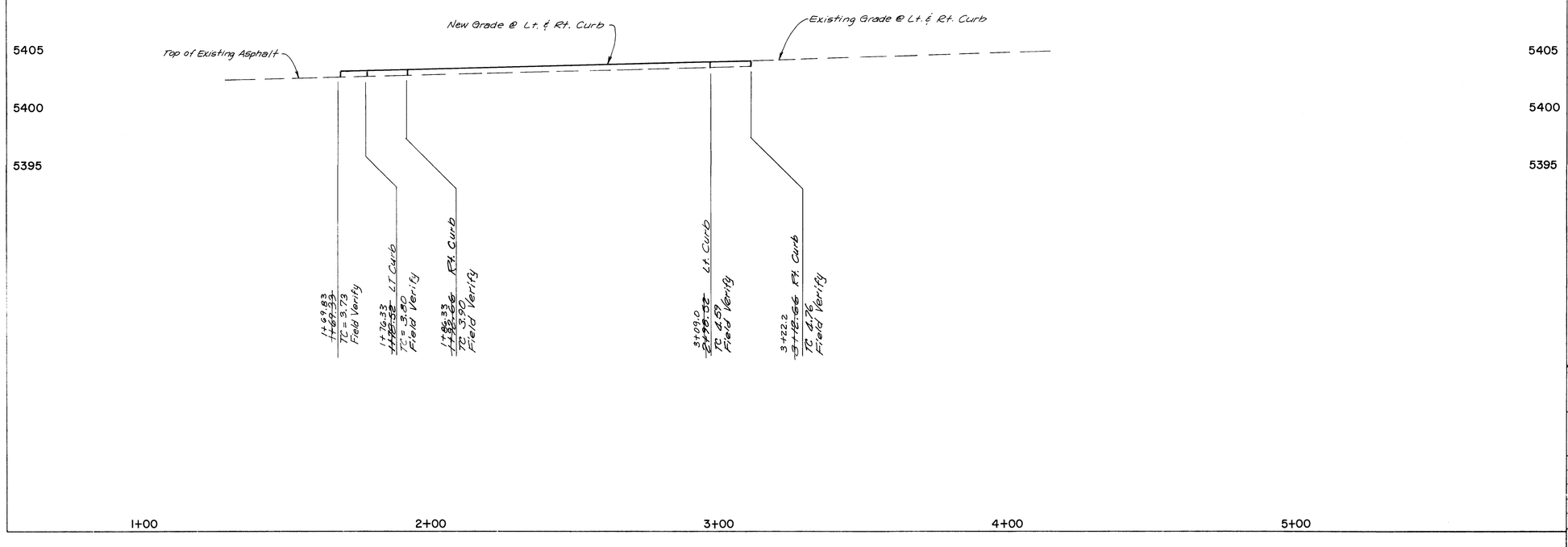
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair		5/16/89			
Trans. Dev.					
Utility Dev.		5/15/89			

DRAWING NO.	MAP NO.	SHEET	OF
3722	D-19 & E-19	9	12



WYOMING MEDIAN MODIFICATIONS

SCALE:
HORIZ. 1"=20'
VERT. 1"= 5'



KEYED NOTES

1 LIMITS OF PAVEMENT REMOVAL.

2 REMOVE EXISTING MEDIAN.

3 REMOVE EXISTING MEDIAN NOSE.

4 NEW MEDIAN CONCRETE CURB & GUTTER IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2415 (MEDIAN CURB & GUTTER).

5 NEW EXTRUDED ASPHALT CURB IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2415 (ASPHALT CURB).

6 NEW ARTERIAL PAVING. SEE ARTERIAL PAVING DETAIL, SHEET 5.

7 BACKFILL MEDIAN AND SLOPE TO DRAIN.

8 ADJUST TWO MANHOLES & ONE VALVE BOX TO NEW MEDIAN ELEVATION.

9 4" WIDE WHITE STRIPE. BEGIN AT NORTH NOSE OF MEDIAN AND END AT PT OF MEDIAN (APPROXIMATELY 202 L.F.).

CURB DATA:

	R	La	D
A	6.5'	10.21	90° 00'00"
B	16.5'	25.92	90° 00'00"

02-16-90

26 3722 1090

AS BUILT INFORMATION
DATA TAKEN BY J.R. HALE
WORK STAKED BY WALKER SURVEYING DATE 1/90
INSPECTED BY
RECORD DRAWING BY L.V. DATE 3/90
FIELD CHANGES
REVISION BY CHAVEZ DATE
CHANGES CORRECTED BY GRIEVES DATE 2/90
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
A Standard A.C.S. Brass Tablet Stamped "6-019-1978" Set in Top of Concrete Post Flush with the Ground, Located at the Intersection of Wyoming Blvd. NE and the Vacated San Antonio Drive, NE
Elev.= 5403.54 (M.S.L.D.)

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
WALTER J. CHAVEZ STATE OF NEW MEXICO 7960 REGISTERED PROFESSIONAL ENGINEER
5/1/89

REVISIONS
NO. DATE REMARKS BY

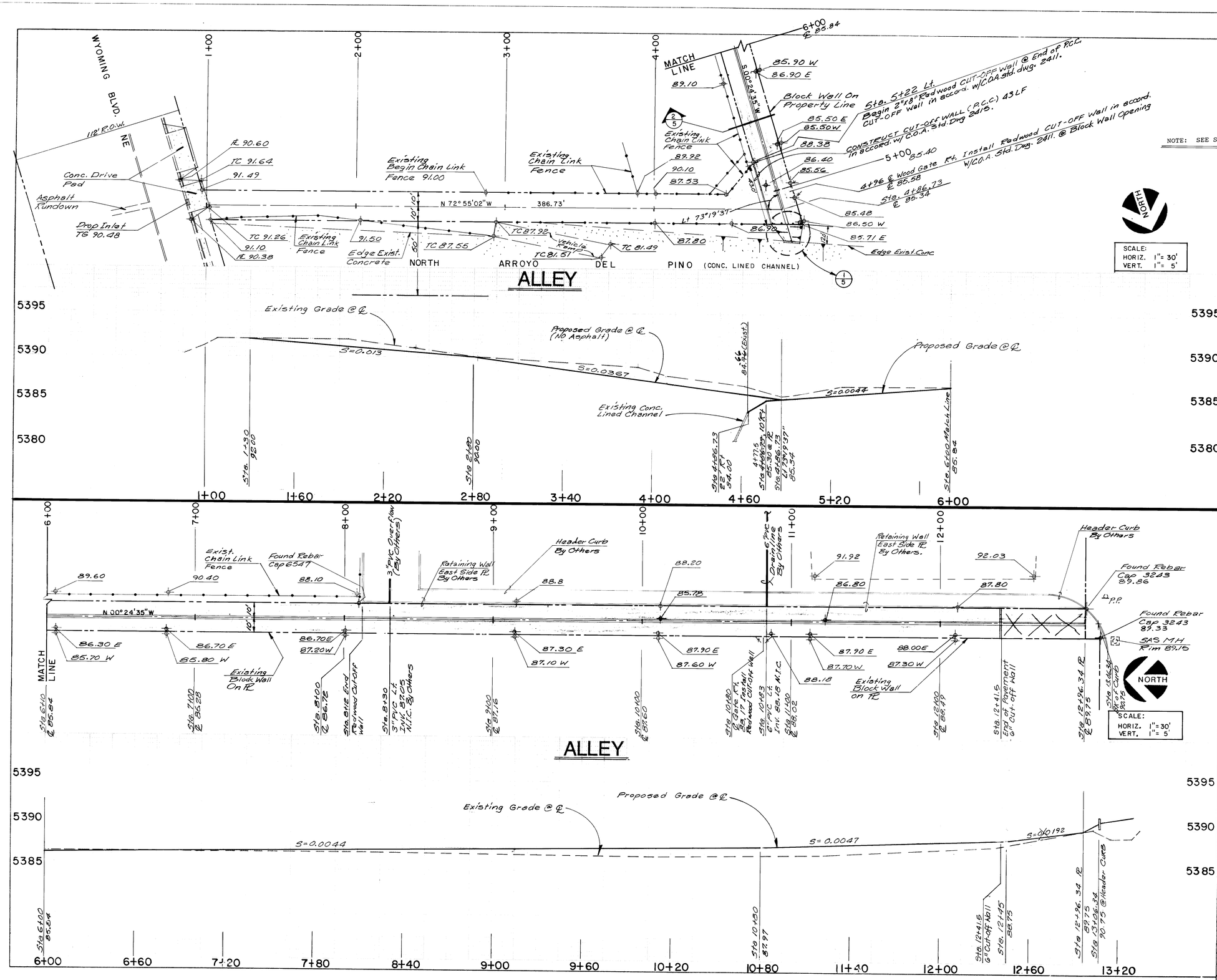
DESIGN
DESIGNED BY RGS DATE 3-89
DRAWN BY W.H.R. DATE 3-89
CHECKED BY W.J.C. DATE 3-89

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE SAN ANTONIO CENTER
WYOMING MEDIAN MODIFICATIONS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Roger L. Stokes	5/16/89			
Trans. Div.	"				
Utility Div.	PEGO	5/15/89			

DRAWING NO. 3722 | MAP NO. D-19 & E-19 | SHEET 10 OF 12



NOTE: SEE SHEET 3 OF 12 FOR ALLEY DRAINAGE CALCULATIONS

AS BUILT INFORMATION

BENCH MARKS: A Standard A.C.S. Brass Tablet Stamped "G-D19-1978" Set in Top of Concrete Post Flush With the Ground, Located at the Intersection of Wyoming Blvd. NE and the Vacated San Antonio Drive NE. Elev.=5403.54 (M.S.L.D.)

SURVEY INFORMATION: FIELD NOTES NO. BY DATE

ENGINEER'S SEAL: STATE OF NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 5/1/89

02-16-90

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY RGS DATE 3-89
DRAWN BY " DATE 3-89
CHECKED BY VJC DATE 3-89

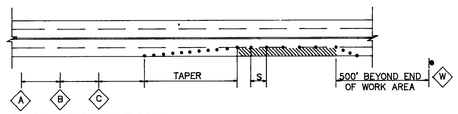
26 3722 11190

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SAN ANTONIO CENTER
ALLEY GRADES & PAVING

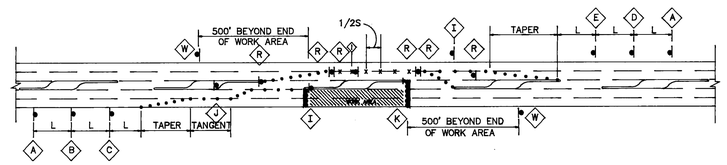
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Roger D. Stone	5/1/89	Liquid Waste	DEC	5/15/89
A.C.E.-Design	"	"	Traffic	Roger D. Stone	5/1/89
A.C.E.-Hydrology	"	"	Water	DEC	5/15/89

DRAWING NO. 3722 | MAP NO. D-19 & E-19 | SHEET 11 OF 12



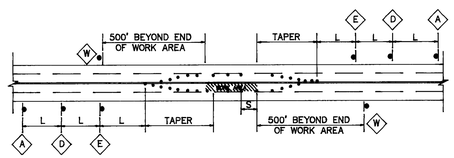
TYPICAL RIGHT LANE CLOSURE

N.T.S



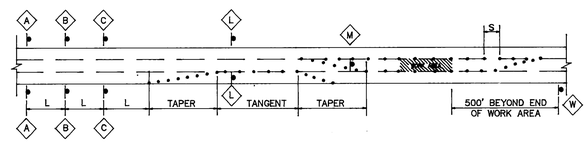
TYPICAL TRAFFIC SPLIT-(RAISED MEDIAN)

N.T.S



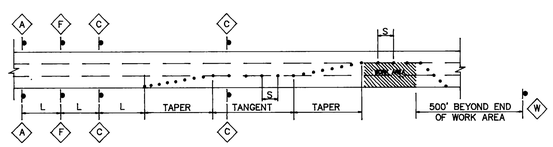
TYPICAL LEFT LANE CLOSURE

N.T.S



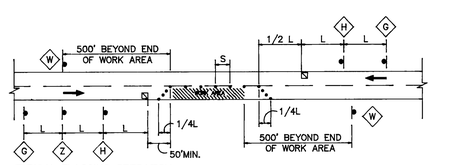
TYPICAL CENTER LANE CLOSURE

N.T.S



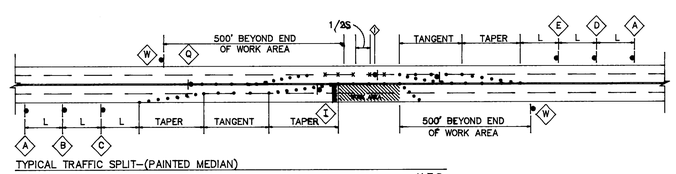
TYPICAL MULTI-LANE CLOSURE

N.T.S



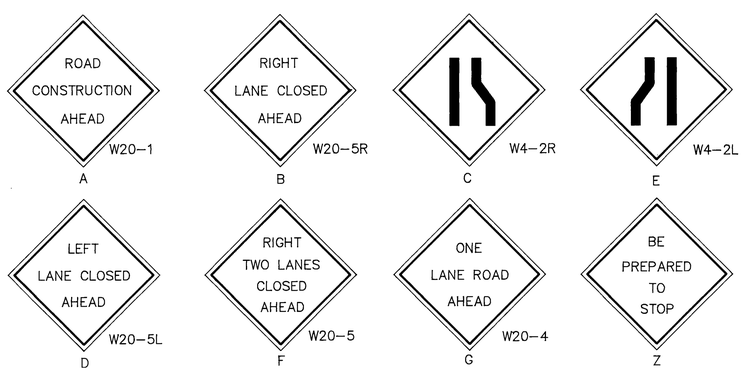
TYPICAL FLAGGING OPERATION

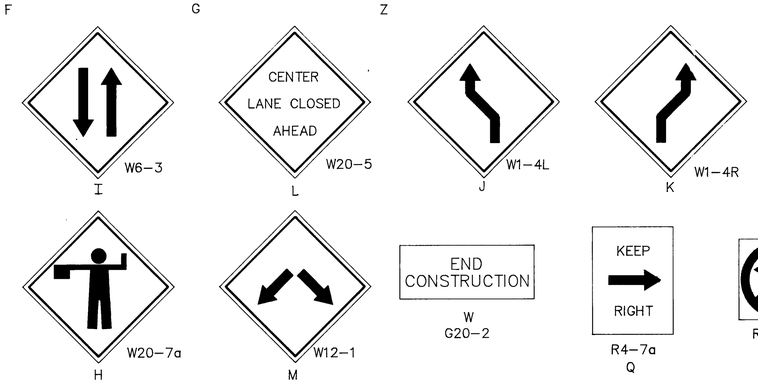
N.T.S



TYPICAL TRAFFIC SPLIT-(PAINTED MEDIAN)

N.T.S.





LEGEND

- WORK AREA
- A — TRAFFIC SIGN (SEE THIS SHEET FOR DESIGNATION)
- • — BARRICADE – TYPE I, TYPE II, OR BARREL
- BARRICADE – TYPE III
- x — VERTICAL PANEL
- WARNING SIGN
- L — DISTANCE BETWEEN SIGNS – A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
- FLAGMAN POSITION
- S — SPACING BETWEEN BARRICADES – A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET

TAPER LENGTH – SEE CHART AT LEFT

TANGENT LENGTH – IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET

TAPER REQUIRMENTS

SPEED LIMIT (MPH)	TAPER LENGTH (FEET)			MAXIMUM DISTANCE BETWEEN DIVICES (FEET)	MINIMUM NUMBER OF DIVICES REQUIRED
	10' LANE	11' LANE	12' LANE		
25	104	115	125	25	6
30	150	165	185	30	7
35	204	225	245	35	8
40	267	293	320	40	9
45	450	495	540	45	13
50	500	550	600	50	13
55	550	605	660	55	13

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

AS BUILT INFORMATION
CONTRACTOR J.R. HALE
WORK STAKED BY WALKER SURVEYING DATE 1-90
INSPECTOR
ASSISTANCE BY L.V. DATE 8-90
VERIFICATION BY DATE
DRAWINGS CORRECTED BY CHAVEZ GREENES DATE 2-90
MICRO FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS
A Standard A.C.S. Brass Tablet Stamped "6-D19-1978," Set in Top of Concrete Post Flush with the Ground, Located at the Intersection of Wyoming Blvd. NE and the Vacated San Antonio Drive, NE
Elev. = 5403.54 (M.S.L.D.)

SURVEY INFORMATION
FIELD NOTES
NO | BY | DATE

ENGINEER'S SEAL
VICTOR J. CHAVEZ
STATE OF NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
5/1/89

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY RGS DATE 3-89
DRAWN BY AF, R DATE 3-89
REVIEWED BY VJC DATE 3-89

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SAN ANTONIO CENTER BARRICADE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Roger L. Shaw	5/15/89	Liquid Waste	PEGO	5/15/89
A.C.E.-Design	"	"	Traffic	Roger L. Shaw	5/15/89
A.C.E.-Hydrology	"	"	Water	PEGO	5/15/89

DRAWING NO. 3722 | MAP NO. | SHEET 12 OF 12