

LEGEND

MATERIALS

CONCRETE
RIP-RAP

LINES

SUBDIVISION BOUNDARY
PROPERTY LINE (PLAN)
PROPERTY LINE (SECTION)
CENTERLINE
EASEMENT LINE
MATCH LINE
SECTION CUT LINE

EARTHWORK

CONTOUR LINE
SPOT ELEVATION
PROJECT / PHASE BOUNDARY
SWALE
DIRECTION OF FLOW

MISCELLANEOUS UTILITIES

GAS LINE
UNDERGROUND TELEPHONE
UNDERGROUND ELECTRICAL
STORM DRAIN
STORM DRAIN MANHOLE
STORM DRAIN INLET

SANITARY SEWER

SANITARY SEWER LINE
SANITARY SEWER MANHOLE
SAS SERVICE CONNECTIONS
SAS CAP OR PLUG
ENCASEMENT

WATER

WATER LINE
WATER SERVICE CONNECTIONS
GATE VALVE
FIRE HYDRANT
BUTTERFLY VALVE
REDUCER
WATER PRESSURE ZONE BOUNDARY

WATER FITTINGS

CAPS AND PLUGS
ELBOW
CROSS
TEE

MISCELLANEOUS

CHAINLINK FENCE
FIELD FENCE
COMMON YARD WALL
RETAINING WALL
POWER OR TELEPHONE POLE

CONSTRUCTION PLANS
FOR

UNM YALE PEDESTRIAN MALL
PRIVATE FIRELINE CONSTRUCTION

ALBUQUERQUE, NEW MEXICO
OCTOBER, 1990

NOTE:

THE PURPOSE OF THESE CONSTRUCTION PLANS IS TO
CONVERT PUBLIC WATERLINES, AS SHOWN HEREIN,
WITHIN THE UNM CAMPUS FROM PUBLIC WATERLINES
TO PRIVATE FIRELINES.

RECORD DRAWING

INDEX OF DRAWINGS

- C-1. COVER SHEET, VICINITY MAP, LEGEND, GENERAL NOTES
AND INDEX OF DRAWINGS.
- C-2. BASELINE SURVEY
- C-3. PEDESTRIAN MALL PLAN AND PROFILE
- C-4. TERRACE STREET MODIFICATIONS
- C-5. WATERVALVE SHUTOFF PLAN, SECTIONS & DETAILS

RECORD DRAWING

I, Jeffrey G. Mortensen, a Registered Professional Engineer under the laws of the State of New Mexico, do hereby certify that this "as-built" information was obtained and provided by the Contractor, Brooks & Clay, as the "as-built" conditions of this project. All vertical and horizontal dimensions should be used prior to use on future projects.

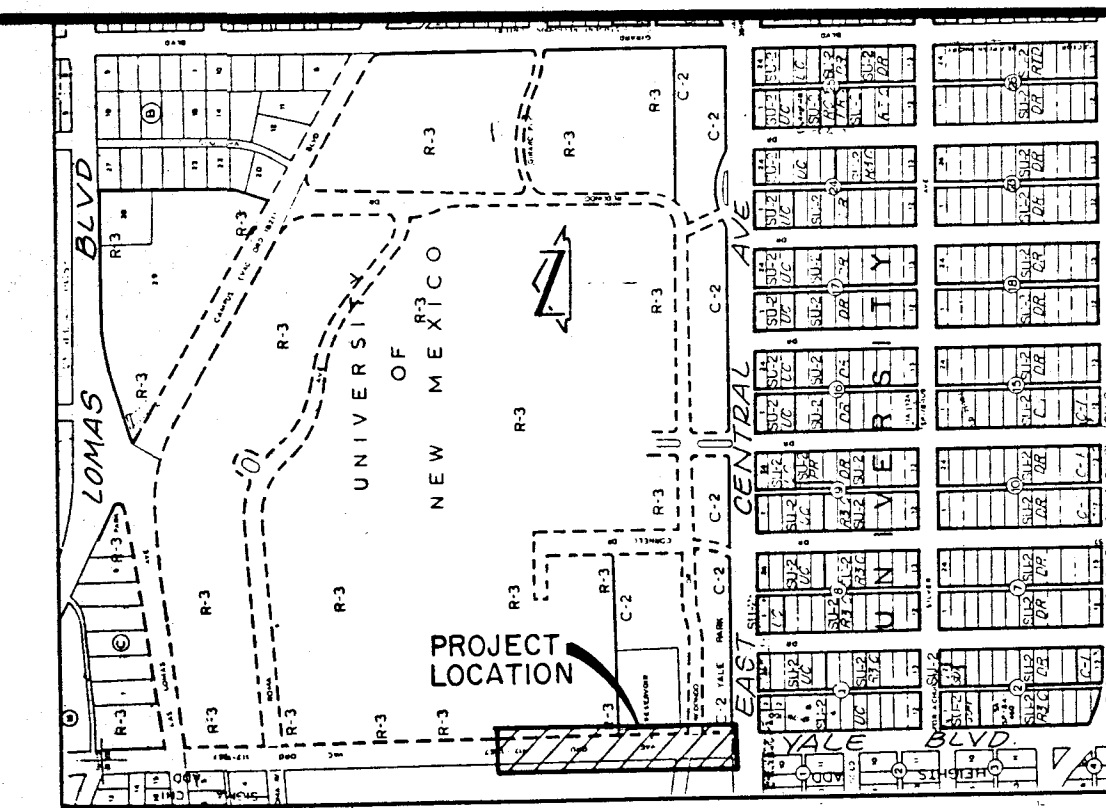
Jeffrey G. Mortensen
MPE No. 6547

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-9720-190 0193

APPROVAL OF AS-BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 9-25-90

SCANNED BY
BY LASON

JMA JOB NO. 891145



VICINITY MAP

SCALE: 1"=800'

K-16

GENERAL NOTES

- 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 -PUBLIC WORKS CONSTRUCTION - 1986.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- 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 ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. 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 UNDERGROUND 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.
- SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.
- CONTRACTOR SHALL COMPLY WITH SECTION 19 OF THE "STANDARD SPECIFICATIONS".
- ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- TACK COAT REQUIREMENTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE PROJECT ENGINEER.
- SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- IF CURB IS DEPRESSED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
- ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- CONTRACTOR SHALL COORDINATE WITH THE WATER SYSTEM DIVISION FOR THE EXECUTION OF THE VALVE SHUT OFF PLAN, NOT LESS THAN THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT THE EXISTING PUBLIC WATER UTILITIES. ONLY WATER SYSTEM DIVISION PERSONNEL SHALL OPERATE EXISTING VALVES.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE ENGINEER. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED.
- THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION CO-ORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION CO-ORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET.

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

APPROVAL OF REVISIONS

	APPROVED FOR CONSTRUCTION	
	4120.90	C-1



as the project. All dimensions shown are to be used on future projects.

[Signature]

Jeffrey G. Mor
NMPE No. 8547

NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
8547

[illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	6	-	4	1	2	6	,	9	0		0	3	9	5

TITLE: PLAN AND PROFILE FIRELINE CONSTRUCTION UNM YALE PEDESTRIAN RAMP					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman	<i>[Signature]</i>	11/7/90	Water	R.W. Kane	11-6-90
Transportation	<i>[Signature]</i>	11/25/90	Waste Water	R.W. Kane	11-6-90
Hydrology	<i>[Signature]</i>	11/7/90			
PROJECT NO.	4120.90		MAP NO.	SHEET	
		K-16		C-3	



RECORD DRAWING
This drawing was prepared by the undersigned, a duly licensed Professional Engineer in the State of New Mexico, and the undersigned hereby certifies that this "as-built" information was obtained and provided by the Contractor, Brooks & Gray, as the project was completed. The undersigned further certifies that the dimensions shown on this drawing are the actual dimensions of the work as shown on the ground.

APPROX. LOCATION OF EXISTING
WATERLINE PER C.O.A. WATER
DISTRIBUTION SYSTEM SECTIONAL
MAPS AND ACTUAL
MAY VARY. CONFIRM
LOCATION EFFECTING
CONNECTION SHUTOFF

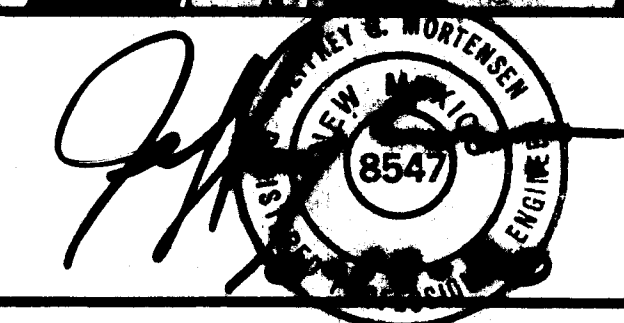
EXIST. GATE VALVE & VALVE
TO REMAIN. WATERLINE
SHALL BE REMOVED NORTH
OF THIS VALVE

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: TERRACE STREET FIRELINE MODIFICATIONS/ UNM YALE PEDESTRIAN MALL					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman	<i>R. J. [Signature]</i>	11/5/90	Water	<i>R.W. Kane</i>	11-6-90
Transportation	<i>R. J. [Signature]</i>	10-27-90	Waste Water	<i>R.W. Kane</i>	11-6-90
Hydrology	<i>N/A</i>	11/5/90			
PROJECT NO. 4120.90		MAP NO. K-15			
DESIGNED BY J.G.M.		NO. DATE BY		JOB NO. 891145	
DRAWN BY S.G.H.		REVISIONS		DATE 10-1990	
APPROVED BY J.G.M.		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		SHEET C 4	
		26-4120.90 10/19/90			

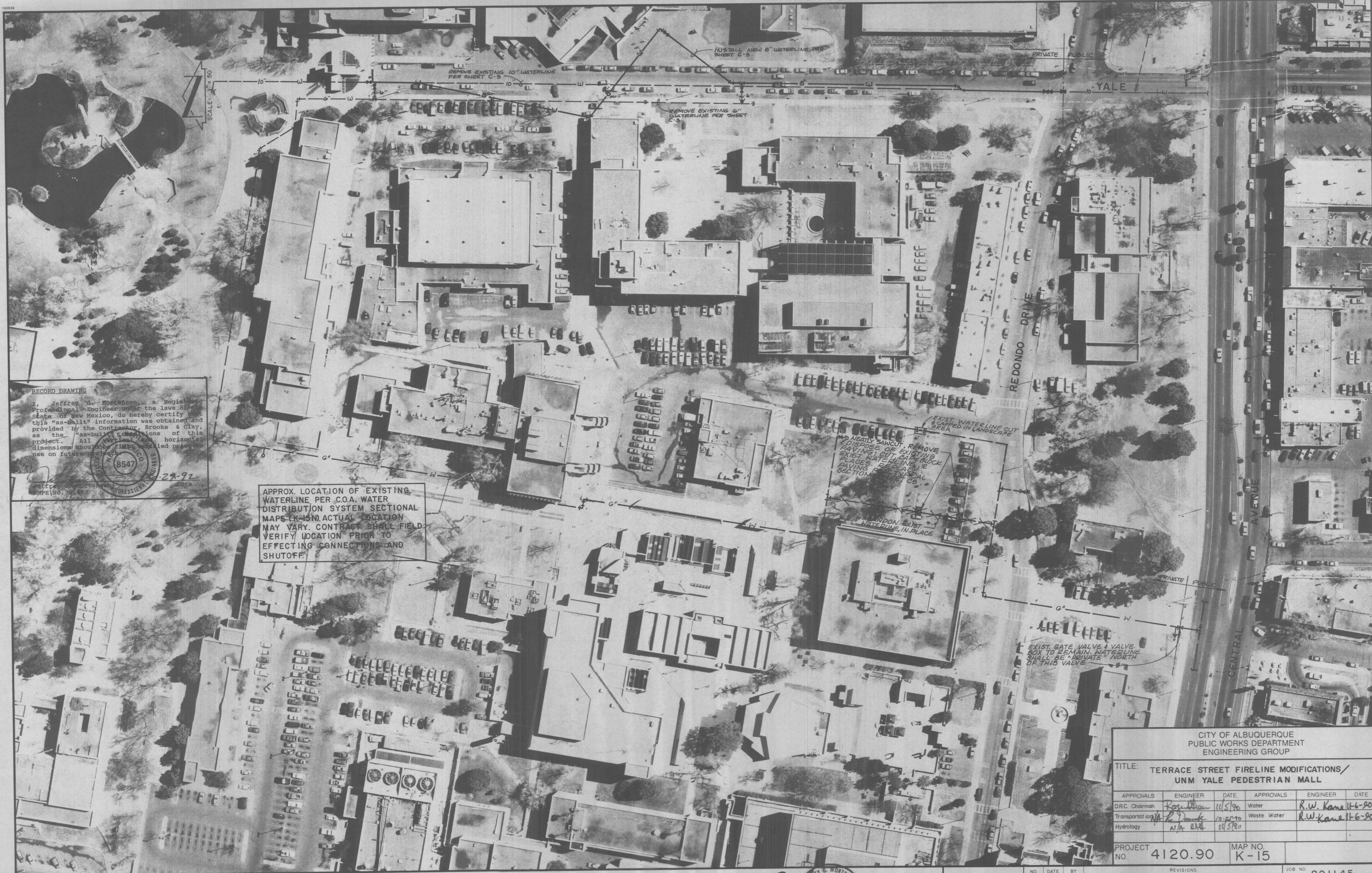
JMA
JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS (505) 345-4250

RECORD DRAWING

SCANNED BY
BY LASON



DESIGNED BY J.G.M.
DRAWN BY S.G.H.
APPROVED BY J.G.M.



RECORD DRAWING

I, Jeffrey G. Mortensen, a Registered Professional Engineer under the laws of the State of New Mexico, do hereby certify that this "as-built" information was obtained and provided by the Contractor, Brooks & Clay, as the "as-built" conditions of this project. All horizontal dimensions should be verified prior to use on future projects.

Jeffrey G. Mortensen
Professional Engineer
No. 8547
Date 12-29-92

APPROX. LOCATION OF EXISTING WATERLINE PER C.O.A. WATER DISTRIBUTION SYSTEM SECTIONAL MAPS (K-15). ACTUAL LOCATION MAY VARY. CONTRACT SHALL FIELD VERIFY LOCATION PRIOR TO EFFECTING CONNECTIONS AND SHUTOFF.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TERRACE STREET FIRELINE MODIFICATIONS/
UNM YALE PEDESTRIAN MALL

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman	Jeffrey G. Mortensen	11/5/90	Water	R.W. Kane	11-6-90
Transportation	R. D. Danks	10-25-90	Waste Water	R.W. Kane	11-6-90
Hydrology	N/A	11/5/90			

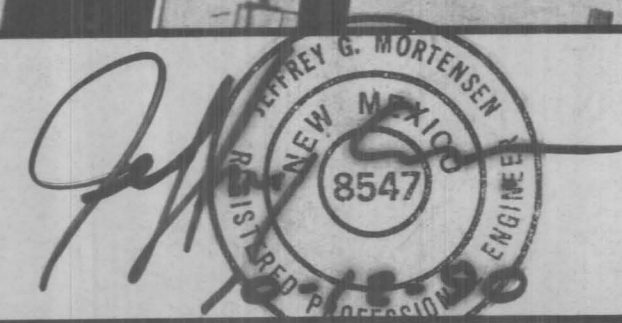
PROJECT NO. 4120.90 MAP NO. K-15

NO.	DATE	BY	REVISIONS	JOB NO.
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3	4-12-91	20	10/9/91	
4	4-12-91	20	10/9/91	
5	4-12-91	20	10/9/91	
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13	4-12-91	20	10/9/91	
14	4-12-91	20	10/9/91	
15	4-12-91	20	10/9/91	
DATE	10-1990			
SHEET	C 4			

Jma JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, N.M. 87109
ENGINEERS (505) 345-4250

RECORD DRAWING

SCANNED BY
BY LASON



DESIGNED BY J.G.M.
DRAWN BY S.G.H.
APPROVED BY J.G.M.