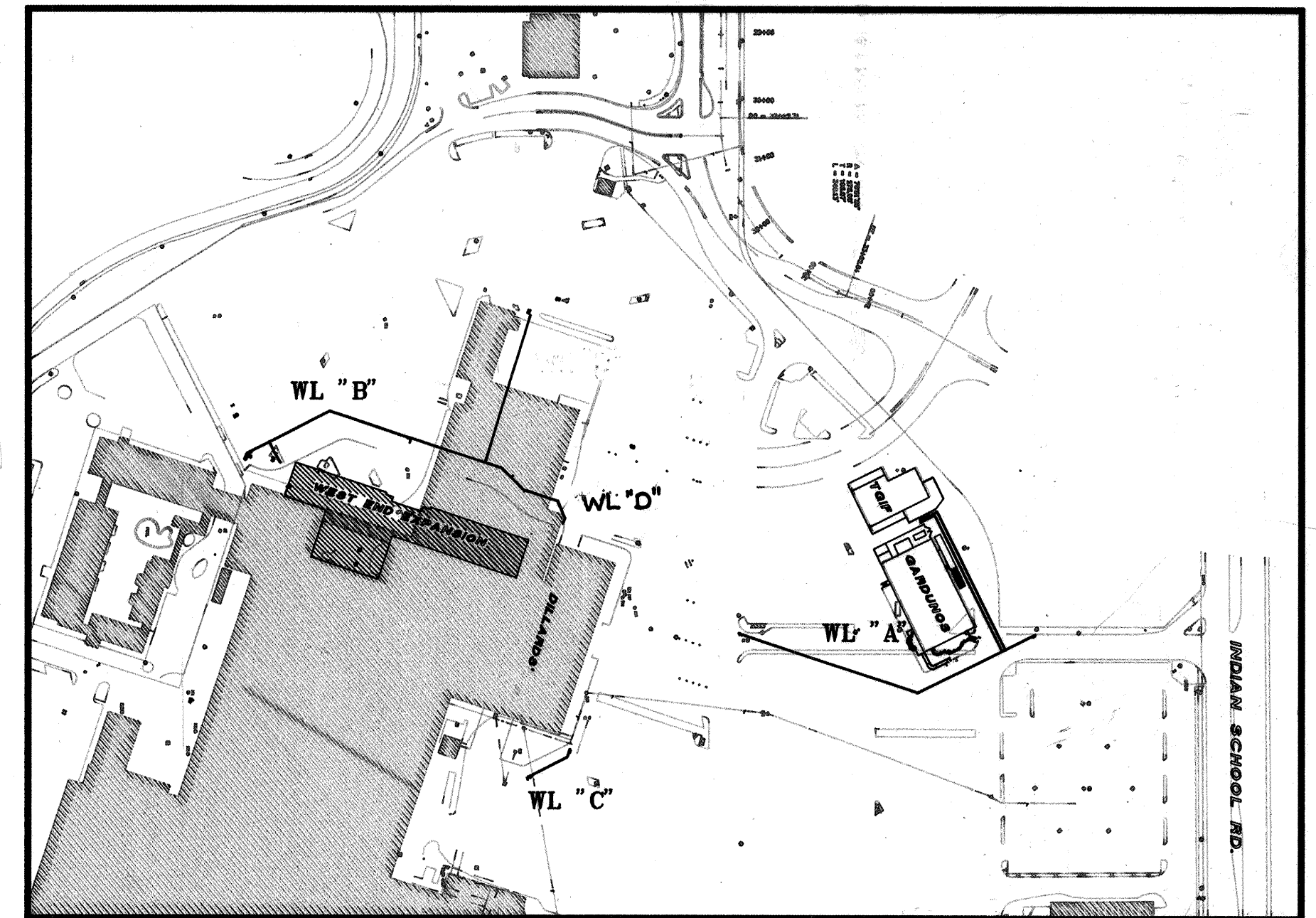


SCANNED BY
MESA REPRO

CONSTRUCTION PLANS FOR

WINROCK CENTER WATERLINE RELOCATIONS



LOCATION MAP
ZONE ATLAS MAP J-19

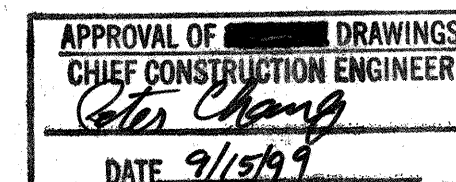
GENERAL NOTES

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT, AND UNLESS STATED OTHERWISE OR PROVIDED FOR HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, PUBLIC WORKS CONSTRUCTION, 1986 EDITION.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES BEING CONNECTED TO AND 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 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. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN IN SERVICE ALL EXISTING UTILITIES.
- THE CONTRACTOR SHALL BE REQUIRED TO CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS AND/OR PUBLIC RIGHT-OF-WAY OR EASEMENTS TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNIGHT PARKING OF EQUIPMENT AND/OR STORAGE OF MATERIALS IS NOT ALLOWED EXCEPT BY PERMISSION OF OWNER. RESTORATION OF PRIVATE IMPROVEMENTS WILL BE AT THE CONTRACTOR'S EXPENSE.
- 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.
- WHEN ABUTTING EXISTING PAVEMENT TO NEW, SAWCUT EXISTING PAVEMENT TO A STRAIGHT EDGE AND AT A RIGHT ANGLE, OR AS APPROVED BY THE PROJECT ENGINEER, TO REMOVE ANY BROKEN OR CRACKED PAVEMENT.
- THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADING ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.
- ALL FINAL BACKFILL FOR TRENCHES SHALL BE COMPACTED TO A MINIMUM 90% MAXIMUM DENSITY PER ASTM D-1557 AND AS DIRECTED BY SECTION 701.14.2 AND STANDARD DRAWING NUMBER 2315.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS (CITY & PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR RECORDING ALL NECESSARY INFORMATION DESCRIBING THE ACTUAL CONSTRUCTION OF THE 8" WATERLINE. THE INFORMATION SHALL BE PROVIDED TO THE ENGINEER WITHIN 10 DAYS OF THE COMPLETION OF WATERLINE WORK FOR USE IN PREPARING RECORD DRAWINGS.

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1-1	TITLE SHEET
1-2	WATERLINE LOCATION AND SHUTOFF PLAN
1-3	WATERLINE "A" RELOCATION
1-4	WATERLINE "B" RELOCATION
1-5	WATERLINE "C" RELOCATION
1-6	WATERLINE REMOVALS
1-7	WATERLINE "D" RELOCATION

FOR INFORMATION ONLY



I, Carlos G. Padilla, P.E. having reviewed as-constructed survey information as provided by the Contractor and the City of Albuquerque, state that the drawings have been updated to reflect the waterline "as constructed," and that the as constructed waterline configuration is substantially in conformance with the design intent. This certification does not address construction methods, techniques, performance, or compliance to project specifications.

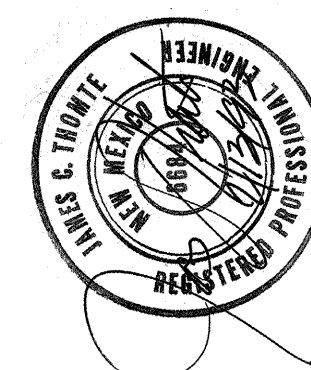
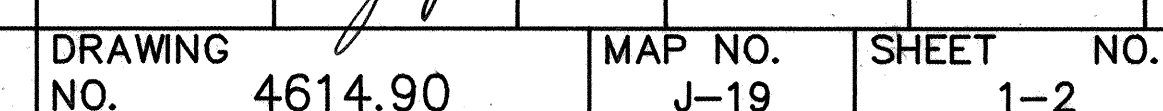


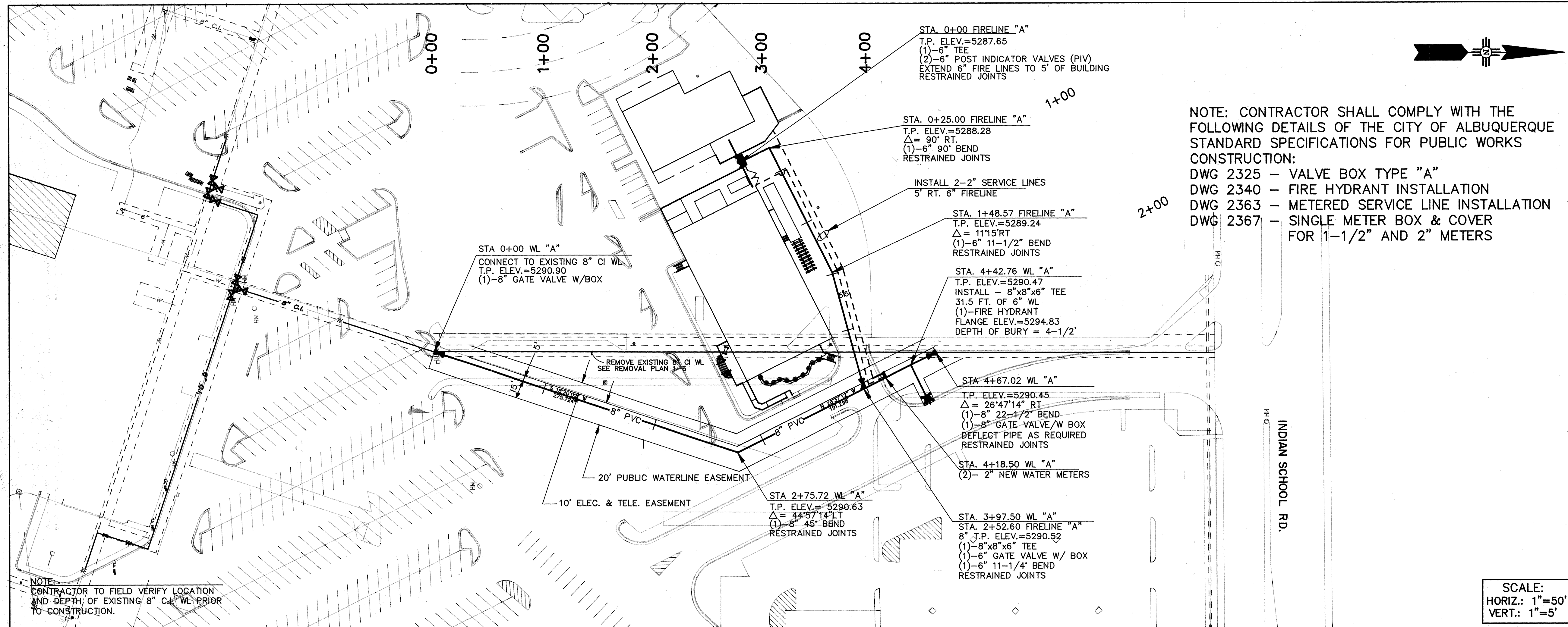
Carlos G. Padilla
Carlos G. Padilla, P.E. Date 12/22/92

△	1-7	7/27/93	7/27/93			
REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT

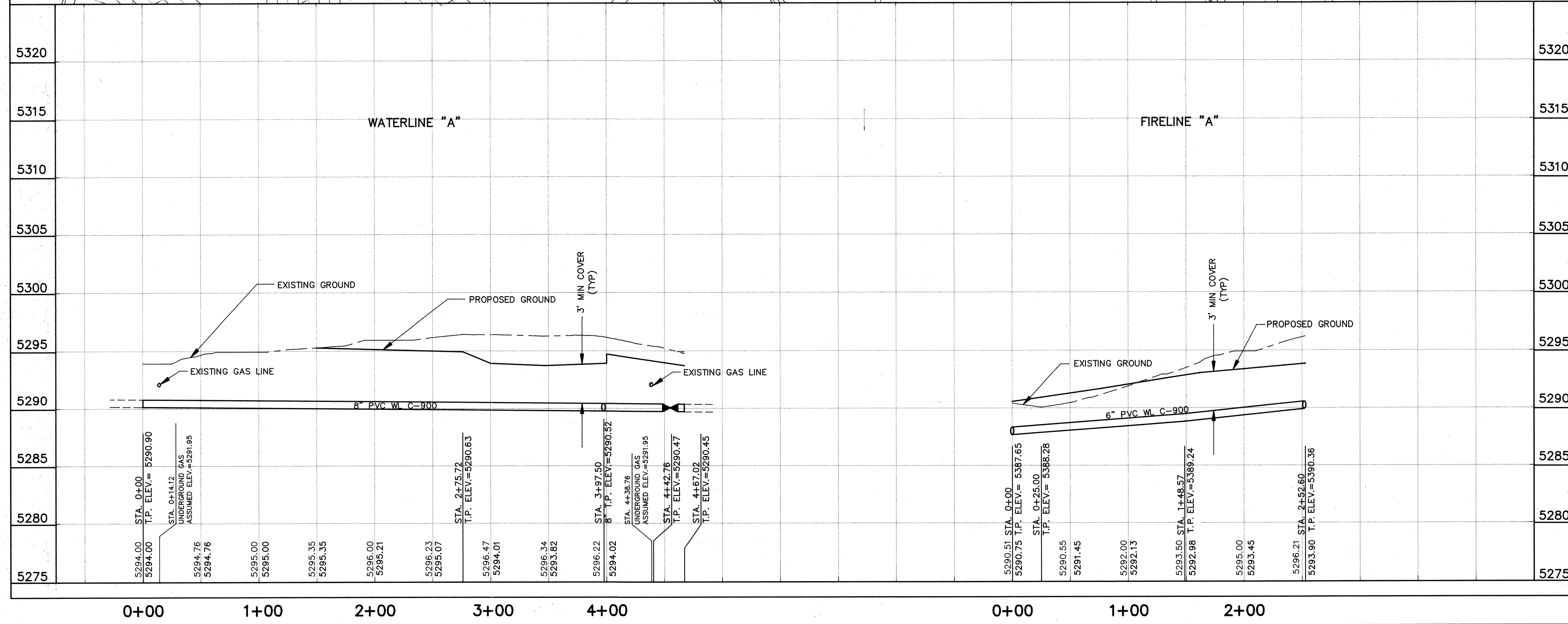
APPROVAL OF REVISIONS

PLANS PREPARED UNDER DIRECTION OF: DATE: February 9, 1993	AVID ENGINEERING, INC. Civil • Structural • Transportation 6100 Seagull St. NE - Suite 102 Albuquerque, NM 87109 - (505) 881-5357	APPROVED FOR CONSTRUCTION <i>Randy B. Relyea</i> CITY ENGINEER
PROJECT NO. 4614.90		SHEET 1-1

[illegible]



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



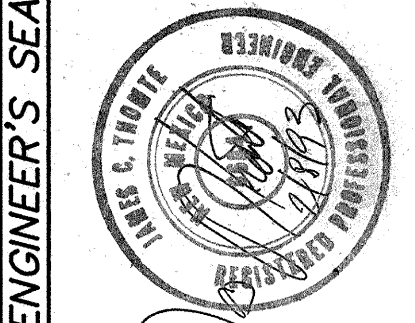
AVID ENGINEERING, INC.
Civil • Structural • Transportation
6100 Seagull St. NE - Suite 102
Albuquerque, NM 87109 - (505) 881-5357

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: WINROCK CENTER
WATERLINE "A" RELOCATION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	3-10-93	Water	<i>[Signature]</i>	2-23-99
Transportation	<i>[Signature]</i>	2-08-97	Waste Water	<i>[Signature]</i>	2-23-99
Hydrology	<i>[Signature]</i>	2/8/93			

DRAWING NO.	4614.90	MAP NO.	J-19	SHEET NO.	1-3
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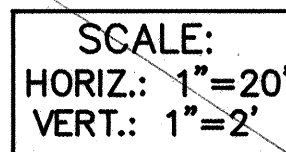
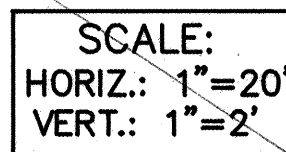


NO.	DATE	REMARKS	BY
		DESIGN	
		DRAWN BY	
		CHECKED BY	

AS BUILT INFORMATION	
CONTRACTOR	
WORK STARTED BY	
DATE	
FIELD ACCEPTANCE BY	
DATE	
FIELD LOCATION BY	
DATE	
DRAWINGS CORRECTED BY	
DATE	
MICRO-FILM INFORMATION	
RECORDED BY	
DATE	
NO.	

BENCH MARKS	
BENCHMARK: NEW MEXICO STATE HIGHWAY	
COMMISSION MONUMENT "1-40-7"	
X = 1,490.699.59	
Y = 404.826.08	
ELEVATION = 5296.87	
T.B.M.: TOP OF R-O-W MARKER	
STA. 5+10.24 1-40	
ELEV.=5284.29	

SURVEY INFORMATION	
FIELD NOTES	
NO.	
DATE	
BY	



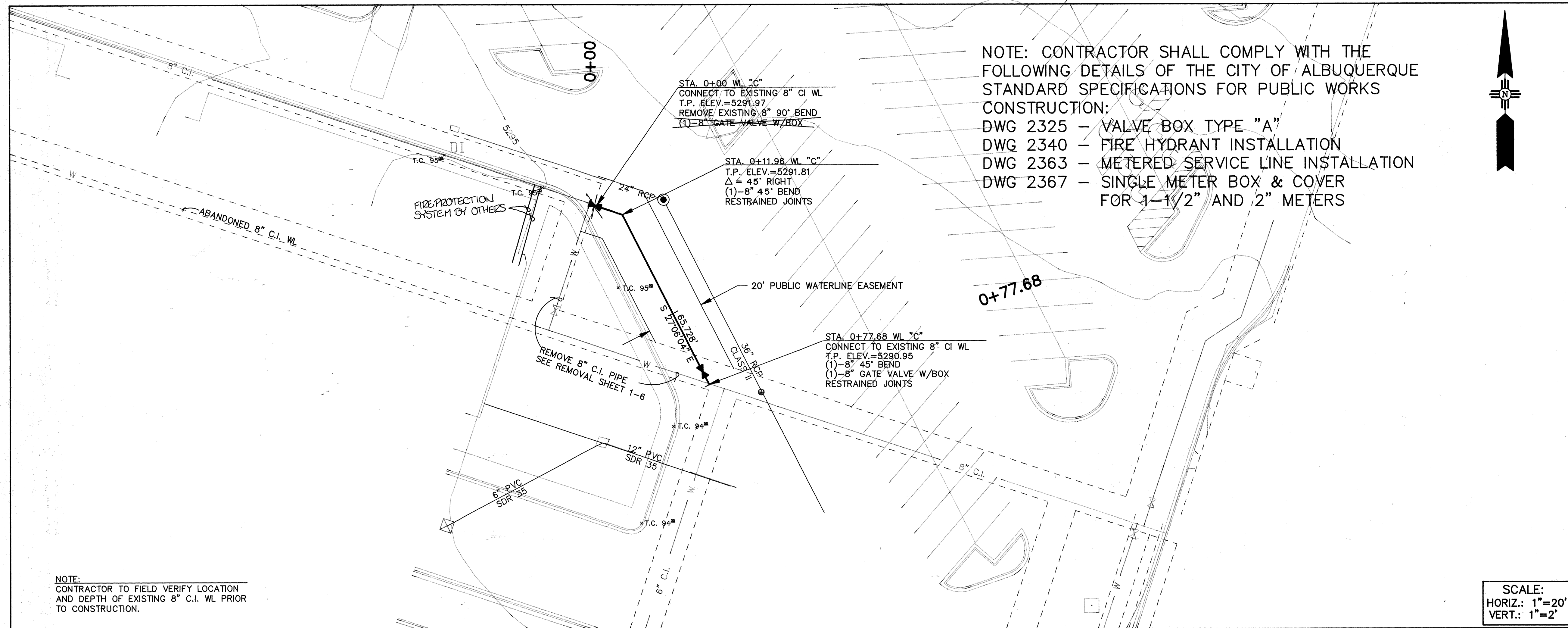
SCALE:
HORIZ.: 1"=20'
VERT.: 1"=2'

TITLE: WINROCK CENTER
WATERLINE "B" RELOCATION

DRAWING NO. 4614.90	MAP NO. J-19	SHEET NO. 1-4
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[illegible]

ENGINEER'S SEAL	SURVEY INFORMATION
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[illegible]

SCALE:
HORIZ.: 1"=20'
VERT.: 1"=2'



AVID ENGINEERING, INC.
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Albuquerque, NM 87109 - (505) 881-5357

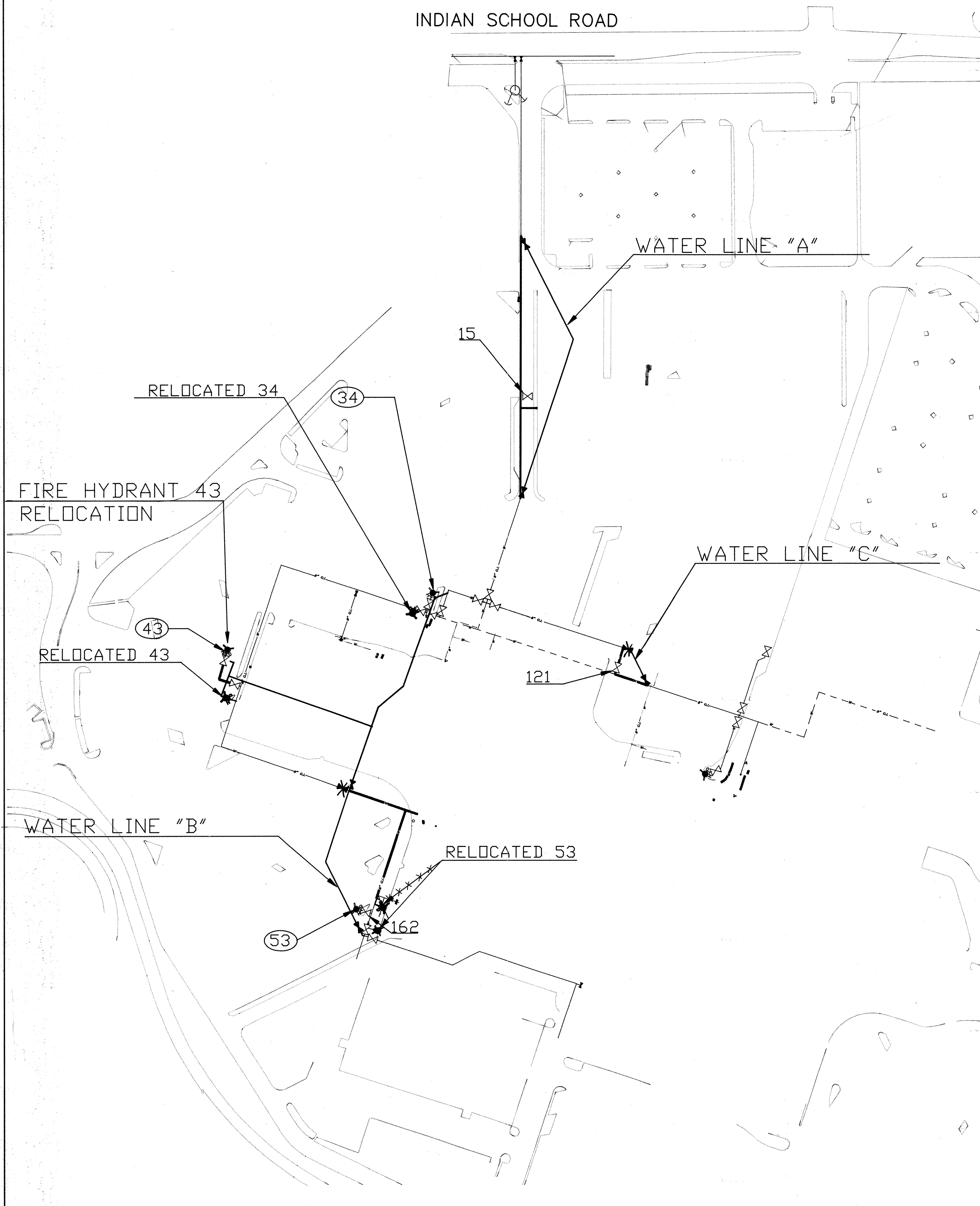
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: WINROCK CENTER
WATERLINE "C" RELOCATION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>B. J. Stroh</i>	3-10-93	Water	<i>R.W. Kane</i>	7-23-93
Transportation	<i>W. B. Kuy</i>	3-04-99	Waste Water	<i>R.W. Kane</i>	7-23-93
Hydrology	<i>Franklin</i>	7/8/57			

DRAWING NO.	4614.90	MAP NO.	J-19	SHEET NO.	1-5
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[illegible]



WATER LINE "A" REMOVALS

1. 433.50 LF OF 8" CI WATER LINE
2. (1)-8" 22-1/2" FITTING W/BLOCKING.
3. (1)-8"x8"x6" TEE W/BLOCKING.
4. (2)- ABANDONED WATER SERVICES INCLUDING METER BOX.
5. (1)-6" GATE VALVE W/VALVE BOX (NO. 15).
6. 16 LF OF 6" CI WATER LINE.

WATER LINE "B" REMOVALS

1. 243.0 LF OF 8" CI WATER LINE
2. (1)-8"x8"x4" TEE W/BLOCKING.
3. (2)- ABANDONED WATER SERVICES INCLUDING METER BOX.
4. (1)-6" GATE VALVE W/VALVE BOX (NO. 162).
5. 16.23 LF OF 6" CI WATER LINE.

WATER LINE "C" REMOVALS

1. 101.50 LF OF 8" CI WATER LINE
2. (2)-8" 90" FITTING W/BLOCKING.
3. (1)-8" GATE VALVE W/VALVE BOX (NO. 121)
4. (1)-8"x8"x8" TEE

FIRE HYDRANT 43 RELOCATION

1. 80.50 LF OF 6" CI WATER LINE
2. (1)-6" 90" FITTING W/BLOCKING.
3. (2)-6" GATE VALVES W/VALVE BOX (NOT NUMBERED)

FIRE HYDRANT 34 RELOCATION

1. 5.00 LF OF 6" CI WATER LINE
2. (12)-6" GATE VALVE W/VALVE BOX (NOT NUMBERED)

WATER LINE "D" REMOVALS

1. 946 LF OF 8" WATERLINE.
2. (1) 8"x8"x8" TEE
3. (3) 8" 90" FITTINGS WITH BLOCKING
4. (5) 8" GATE VALVES WITH VALVE BOX
5. (1) FIRE HYDRANT
6. (4) ABANDONED WATER SERVICES INCLUDING METER BOX

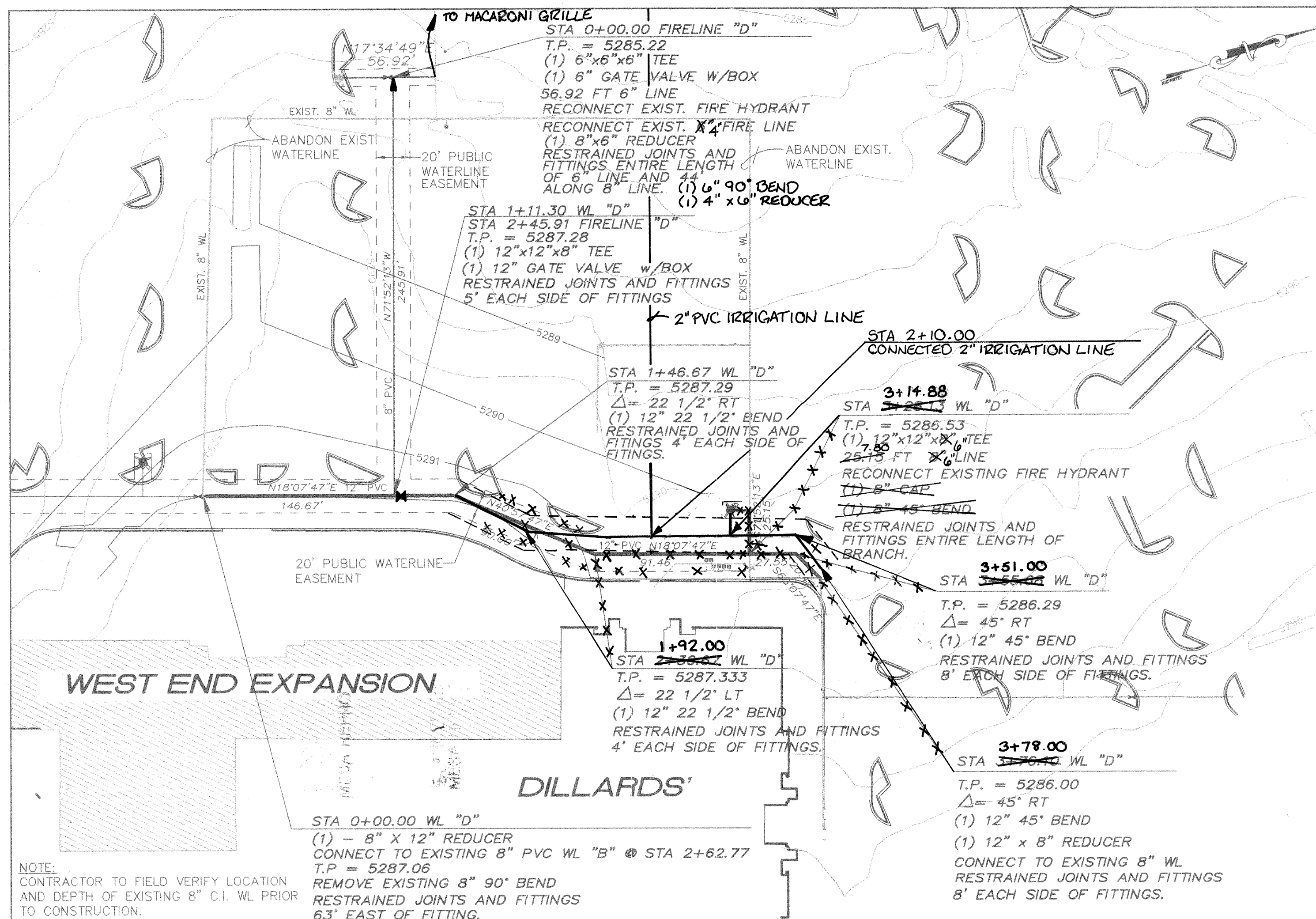


AVID ENGINEERING, INC.
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Albuquerque, NM 87109 - (505) 861-5357

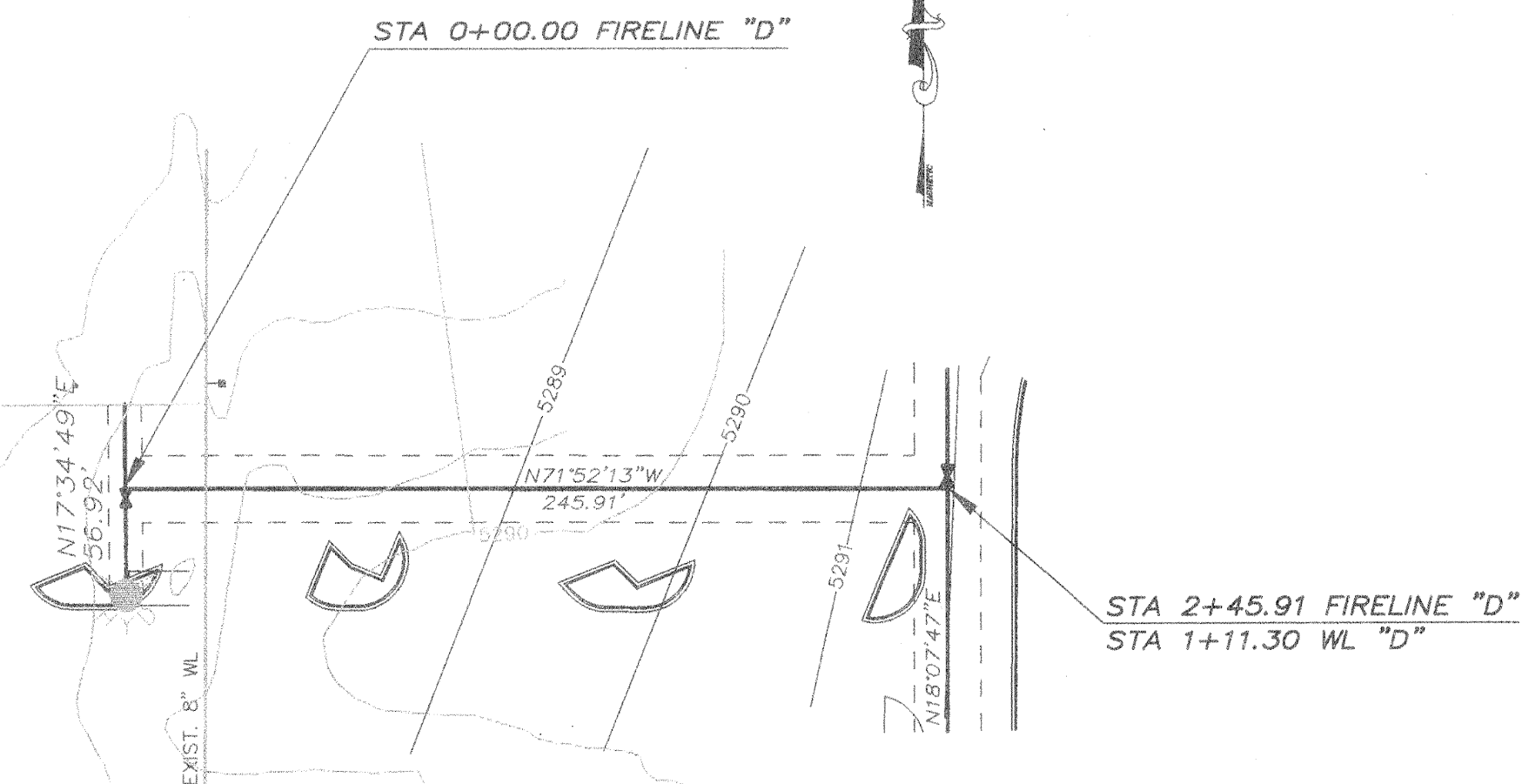
AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
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STAKED BY	DATE	DATE			Y = 404.826.08						
ACCEPTANCE BY	DATE	DATE			ELEVATION = 5296.87						
FIELD	DATE	DATE			T.B.M.: TOP OF R-O-W MARKER						
DRAWING	DATE	DATE			STA. 5+10.24 1-40						
CORRECTED BY	DATE	DATE			ELEV.=5284.29						

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: WINROCK CENTER WATERLINE REMOVALS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>B. G. Hoolley</i>	3-10-93	Water	<i>R. W. Kome</i>	2-23-99
Transportation	<i>W. J. R. R.</i>	2-23-99	Waste Water	<i>R. W. Kome</i>	2-23-99
Hydrology	<i>W. J. R. R.</i>	2-23-99			
DRAWING NO.	4614.90	MAP NO.	J-19	SHEET NO.	1-6

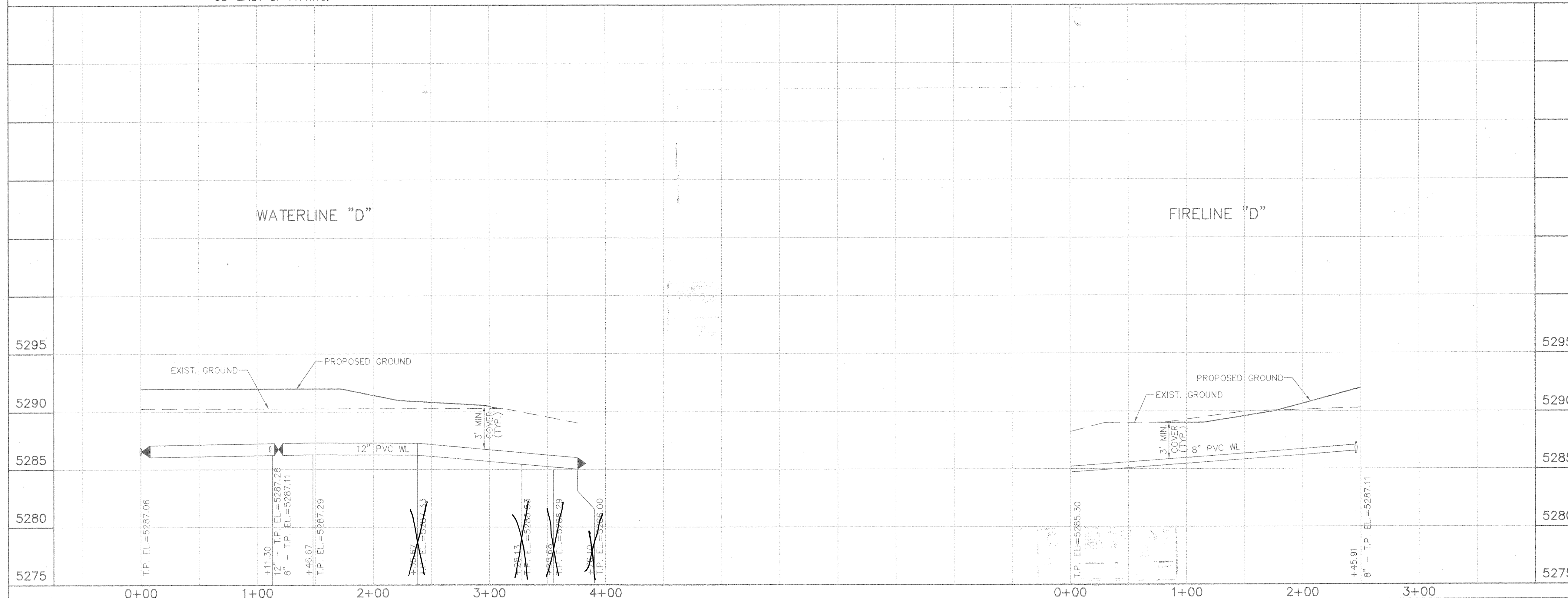
SCANNED BY
MESA REPRO



NOTE: CONTRACTOR SHALL COMPLY WITH THE FOLLOWING DETAILS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION:
DWG 2325 - VALVE BOX TYPE "A"
DWG 2340 - FIRE HYDRANT INSTALLATION



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



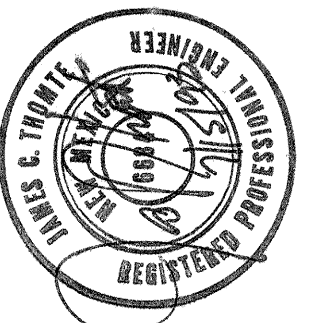
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6100 Seagull St. NE - Suite 102
Albuquerque, NM 87109 - (505) 881-5357

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: WINROCK CENTER
WATERLINE "D" RELOCATION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>S. J. Bailey</i>	7-27-93	Water	<i>G. Blalock</i>	7/15/93
Transportation	<i>N/A</i>	7-21-93	Waste Water	<i>NA</i>	7/15/93
Hydrology	<i>NA</i>	7-21-93			

DRAWING NO. 4614.90
MAP NO. J-19
SHEET NO. 1-7

		ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
				FIELD NOTES		BENCHMARK: NEW MEXICO STATE HIGHWAY		CONTRACTOR	
				NO.	BY	DATE	COMMISSION MONUMENT "1-40-7"	WORK STAINED BY	
							X = 1,490,699.59	INSPECTOR'S DATE	
							Y = 404,826.08	FIELD VERIFICATION BY	
							ELEVATION = 5296.87	FIELD VERIFICATION BY	
							T.B.M.: TOP OF R-O-W MARKER	DRAWING BY	
							STA. 5+10.24 1-40	MICRO-FILM INFORMATION	
							ELEV.=5284.29		RECORDED BY
								DATE	
								NO.	
		</							