

• L E G E N D •

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
FLOWLINE
DIRECTION OF RUNOFF

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
NEW PAJARITO ELEMENTARY
SCHOOL SITE
PREPARATION CONTRACT
ALBUQUERQUE, NEW MEXICO

BID NO. 93-039

for the
Albuquerque Public Schools



Department of Facilities Planning
and Construction

INDEX OF DRAWINGS

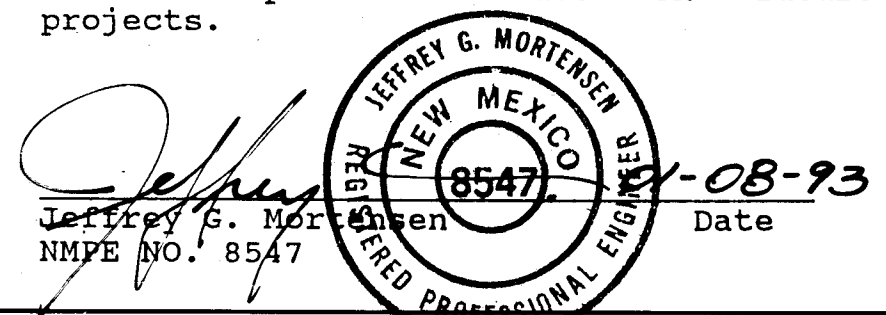
SHEET	DESCRIPTION
1.	COVER SHEET, VICINITY MAP, GENERAL NOTES, LEGEND AND INDEX OF DRAWINGS
SITE IMPROVEMENTS (BID LOT NO. 1)	
2.	ALTA SURVEY
3.	SITE PAVING & FOUNDATION PLAN
4.	PAVING SECTIONS & DETAILS
5.	GRADING PLAN
6., 7.	GRADING & PAVING PLAN
8.	DRAINAGE PLAN
9.	FENCING PLAN
10.	PRIVATE UTILITY SITE PLAN

WATER & SANITARY SEWER EXTENSIONS PLAN AND PROFILE
(BID LOT NO. 2)

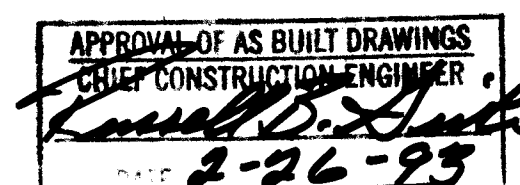
11.	WATER & SANITARY SEWER SITE PLAN
12.	METZGAR ROAD: STA 10+00 TO STA 16+71
13.	METZGAR ROAD & W. LEA DRIVE: STA 16+71 TO STA 22+49.10
14.	WEST LEA DRIVE EXTENSION: STA 10+42.2 TO STA 16+91.3
15.	LINE 'A': STA 16+55.59 TO STA 25+00
16.	LINE 'A': STA 25+00 TO STA 32+00
17.	LINE 'A': STA 32+00 TO STA 35+00 LINE 'B': STA 9+63 TO STA 12+80
18.	LINE 'A': STA 35+00 TO STA 41+71.21
19.	WEST GLEN DRIVE EXTENSION: STA 10+00 TO STA 16+55.59
20.	WORK ORDER SECTIONS & DETAILS
21.	TRAFFIC CONTROL DETAILS
22.	EASEMENT SURVEY

RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.



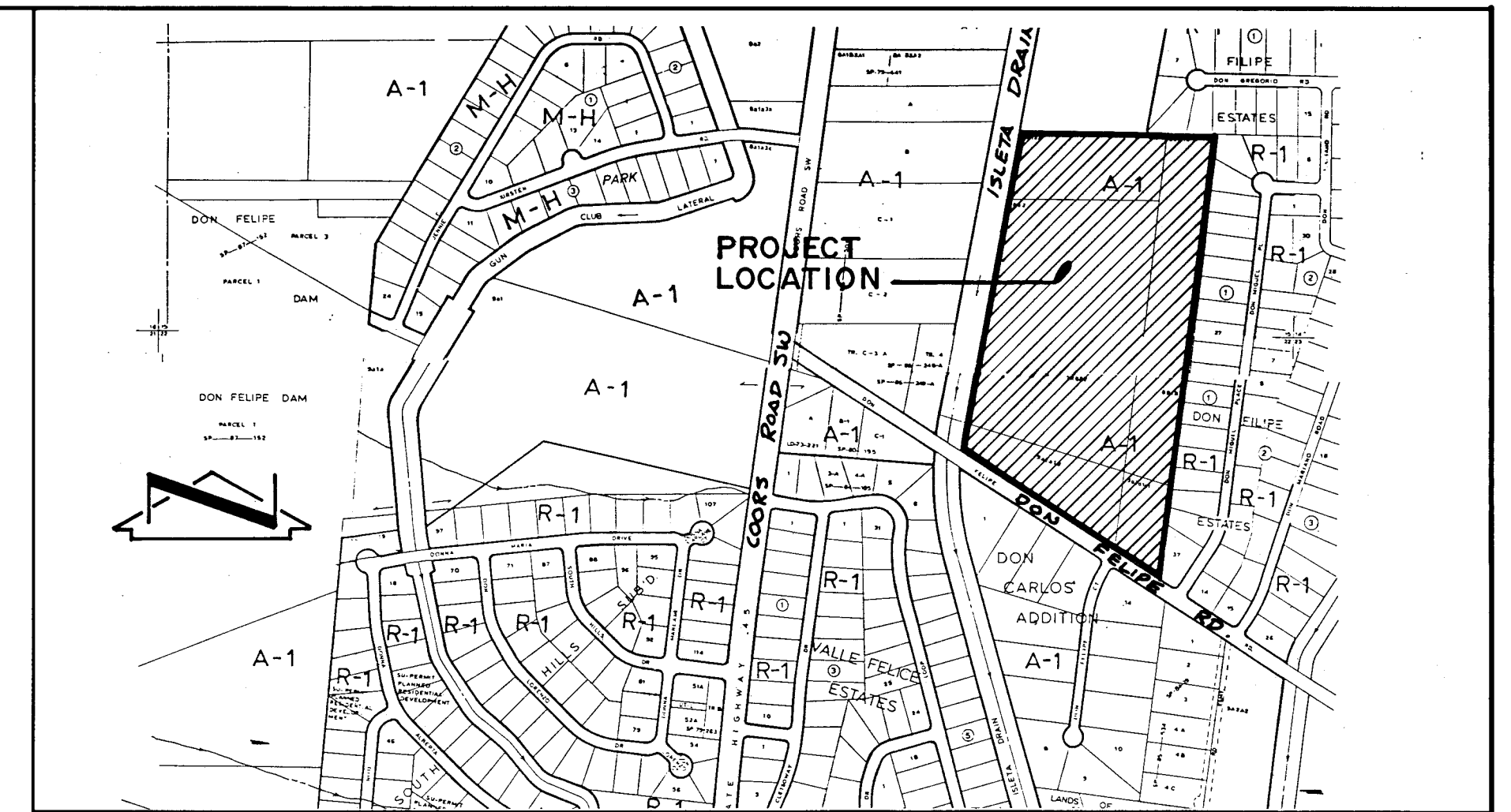
26 4530.900193



RECORD DRAWING

SCANNED BY
BY LASON

JMA JOB NO. 901906



VICINITY MAP
N.T.S.

Q10 \ R10

GENERAL NOTES:

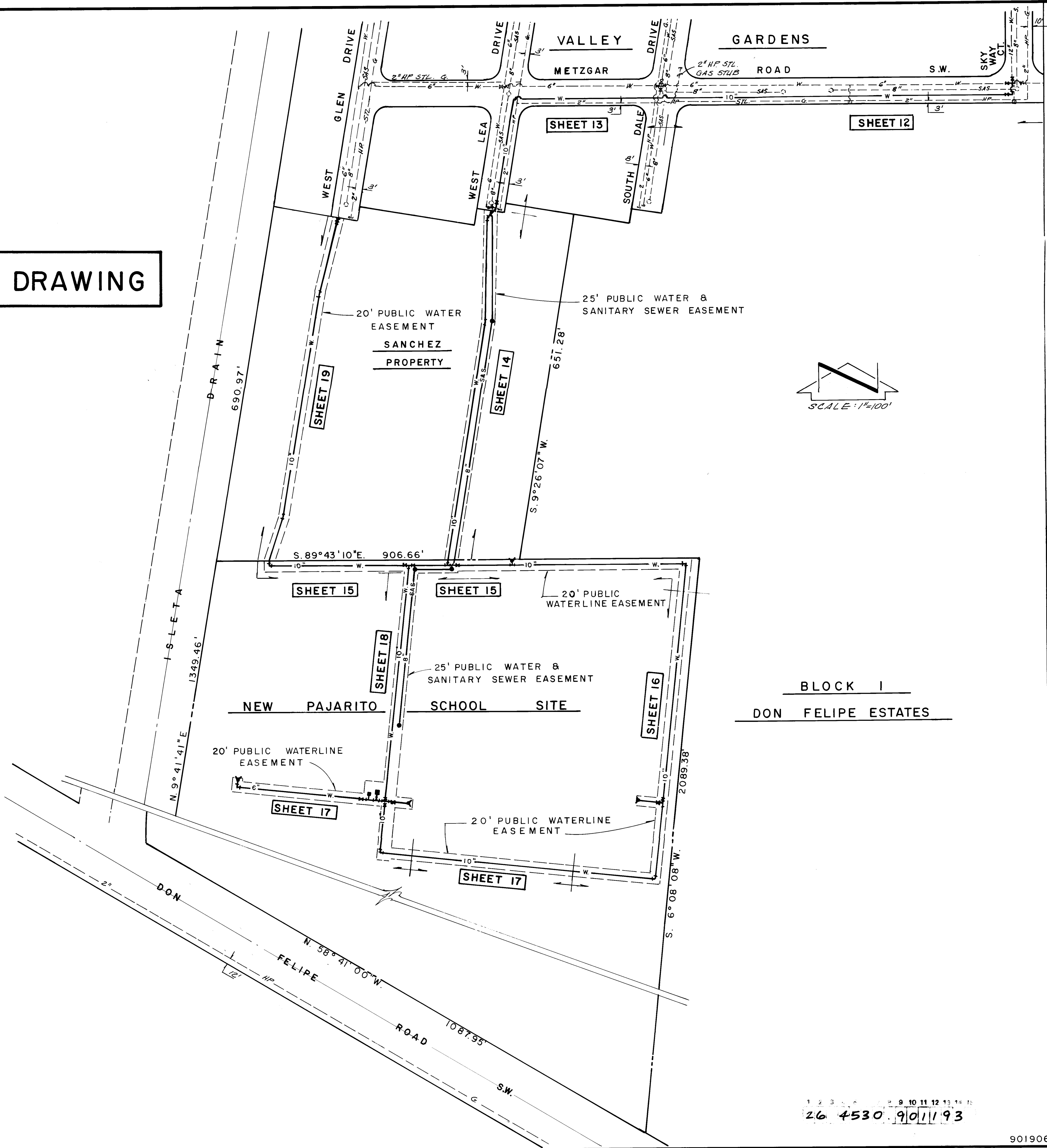
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREIN, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS -PUBLIC WORKS CONSTRUCTION 1986.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST 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.
- 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 DEPRESSIONED 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. REFER TO SECTION 18 OF THE SPECIFICATION.
- 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. REFER TO SECTION 4.4 OF THE SPECIFICATIONS.
- 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. CONTRACTOR MUST REFER TO SECTION 19 OF THE STANDARD SPECIFICATION FOR TRAFFIC CONTROL.
- 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.
- CAUTION: THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.

REV.	SHEETS	CITY ENGINEER	DATE	USER	DEPARTMENT	DATE	USER	DEPARTMENT	DATE
1 - 22									

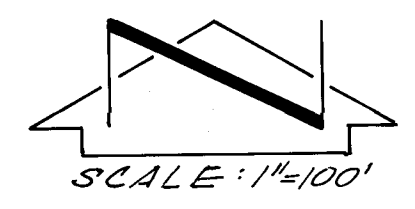
APPROVAL OF REVISIONS

	APPROVED FOR CONSTRUCTION	
PROJECT NO:		SHEET 1 OF 22
4530.90		

RECORD DRAWING



NOTES
1. GAS LINE LOCATIONS & SIZES
SHOWN HEREON PROVIDED BY
GAS CO. OF NEW MEXICO



BLOCK I
DON FELIPE ESTATES

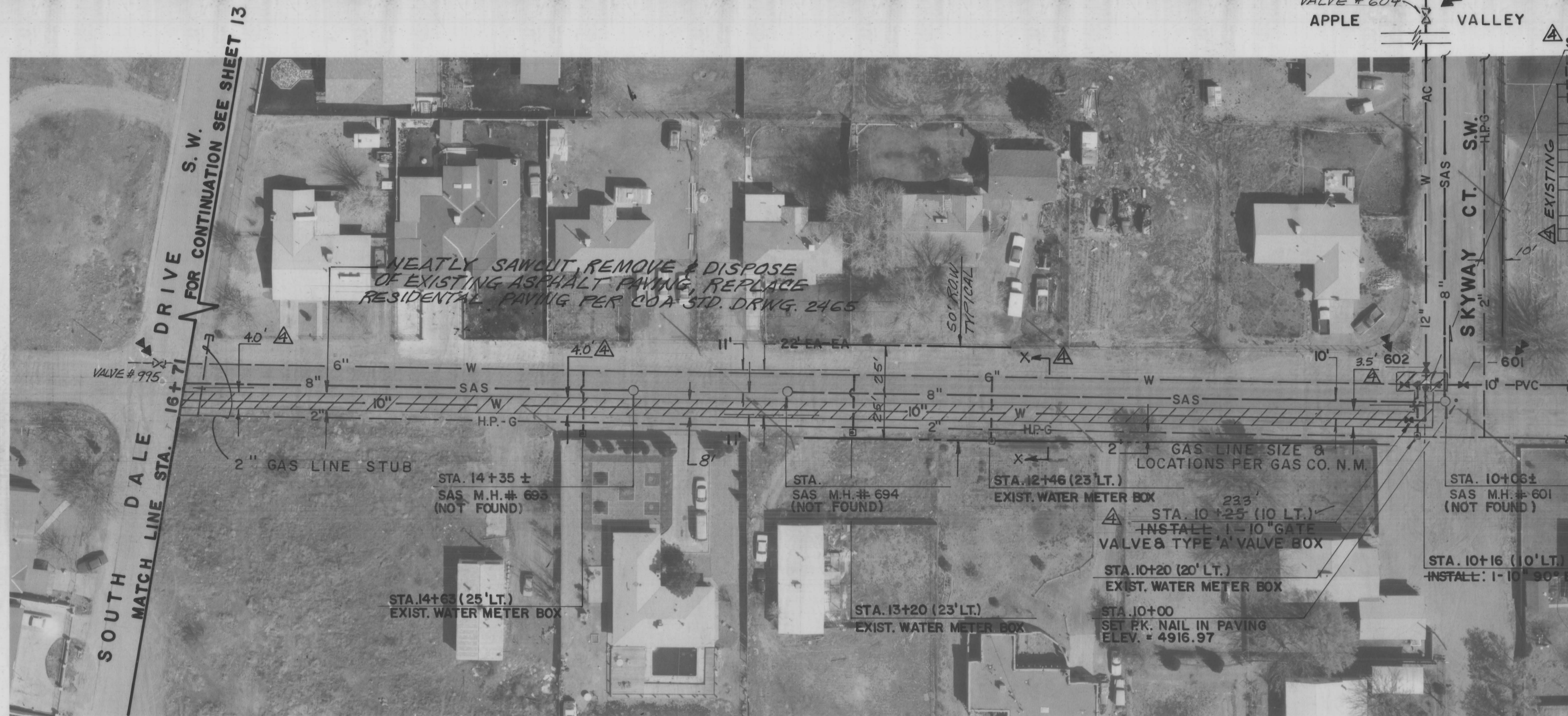
AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	NO.	DATE		NO.	DATE	BY		NO.	DATE	BY					
INSPECTOR'S															
STAMPED BY															
FIELD															
VERIFICATION BY															
DATE															
CORRECTED BY															
DATE															
RECORDED BY															
NO.															
DATE															
DATE															

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: NEW PAJARITO ELEMENTARY SCHOOL SITE WATER & SANITARY SEWER SITE PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	8/20/92	8/20/92	WATER	8/20/92	8/20/92
TRANSPORTATION	8/20/92	8/20/92	WASTE WATER	8/20/92	8/20/92
HYDROLOGY	8/20/92	8/20/92			
DESIGNED BY	TEH	DATE	8-92	DATE	8-92
DRAWN BY	TEH	DATE	8-92	DATE	8-92
CHECKED BY	J.G.M.	DATE	8-92	DATE	8-92
PROJECT NO. 4530.90		MAP NO. Q10R10		SHEET 11 OF 22	

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

WATER & SANITARY SEWER SITE PLAN
NEW PAJARITO ELEMENTARY SCHOOL SITE PREPARATION

SCANNED BY
BY LASON



METZGAR ROAD S.W.

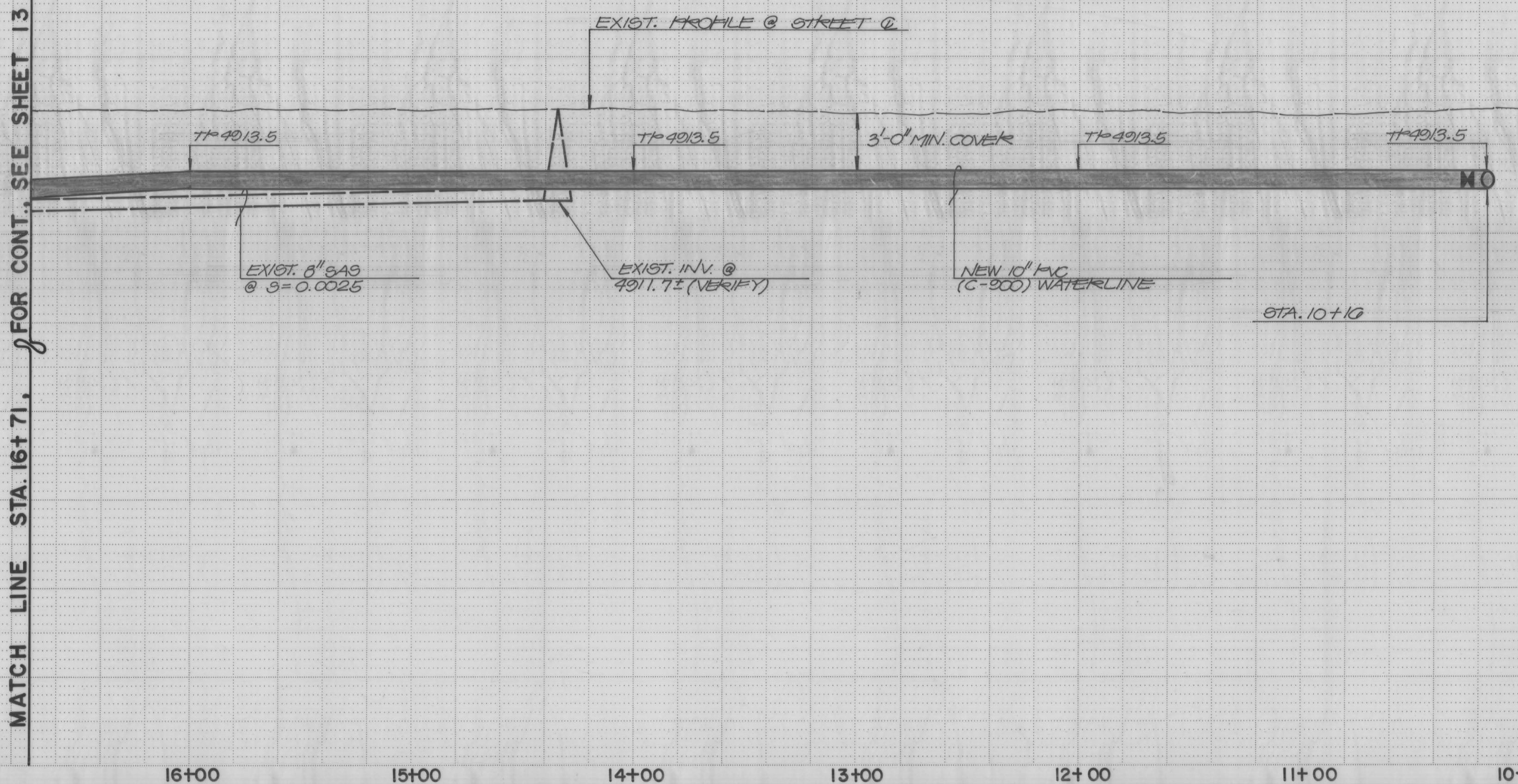
RECORD DRAWING

HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 5'

RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Jeffrey G. Mortensen
NMPE No. 8547
Date 08-08-93
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
8547



WATER VALVE SHUTOFF PLAN REQUIREMENTS

- CONTRACTOR SHALL BE RESPONSIBLE FOR TIMING AND COORDINATION OF THE WATER SHUT-OFF REQUIREMENTS IN CONJUNCTION WITH COMPLETION OF THIS PROJECT.
- AT LEAST THREE (3) WORKING DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL CONTACT PWD/WATER SYSTEMS DIVISION (857-8200) TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN.
- TO COMPLETE THE NON-PRESSURE CONNECTION SHOWN HEREON, THE EXISTING VALVES LISTED BELOW AND MARKED WITH AN ARROW (→) ON THE ABOVE MAP MUST BE CLOSED BY PWD/WATER SYSTEMS PERSONNEL. 601, 602, 995, & 604
- THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS AND THRUST BLOCKS NECESSARY TO EFFECT THE NECESSARY SHUTOFFS AND CONNECTIONS.
- EXISTING WATER VALVE AND WATERLINE INFORMATION OBTAINED FROM CITY OF ALBUQUERQUE AUTOMATED WATER DISTRIBUTION SYSTEM SECTIONAL MAPS, PLATE Q-11.
- THOSE PROPERTIES FRONTING ONTO METZGAR BETWEEN SKYWAY CT. S.W. AND SOUTH DALE DRIVE MAY BE AFFECTED BY THIS SHUTOFF.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: NEW PAJARITO ELEMENTARY SCHOOL SITE PREPARATION
WATER & SANITARY SEWER EXTENSIONS
METZGAR RD: STA. 10+00 TO STA. 16+71

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Randy Hume	8/28/92	WATER	W. Hume	8-28-92
TRANS.	David W. Hume	9/14/92	WASTE WATER	W. Hume	..
HYDROLOGY	J. Hume	8-26-92			

PROJECT NO. 4530.90
MAP NO. Q-11
SHEET 12 OF 22

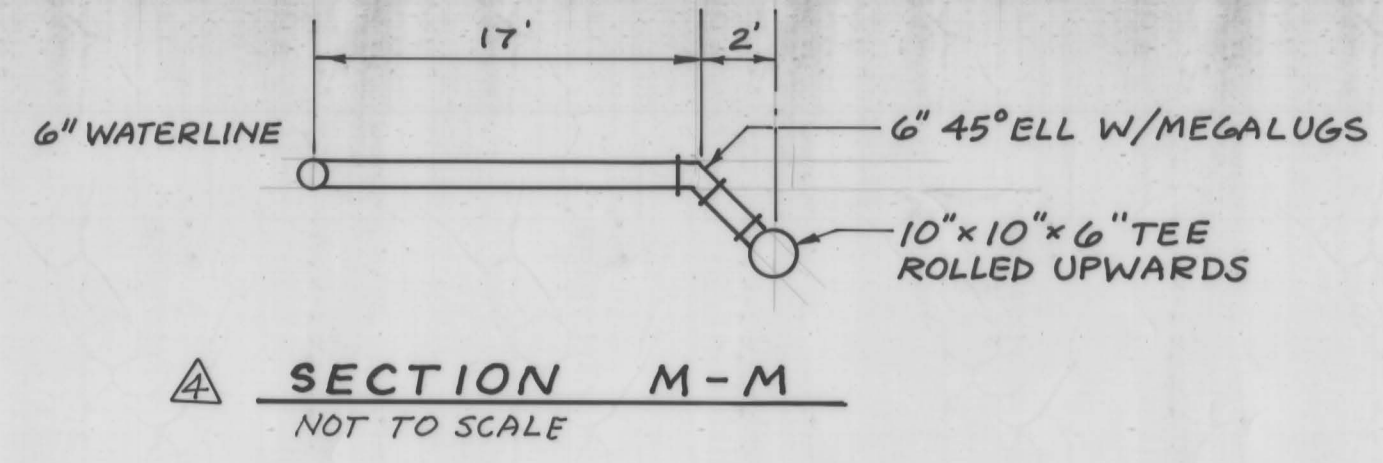
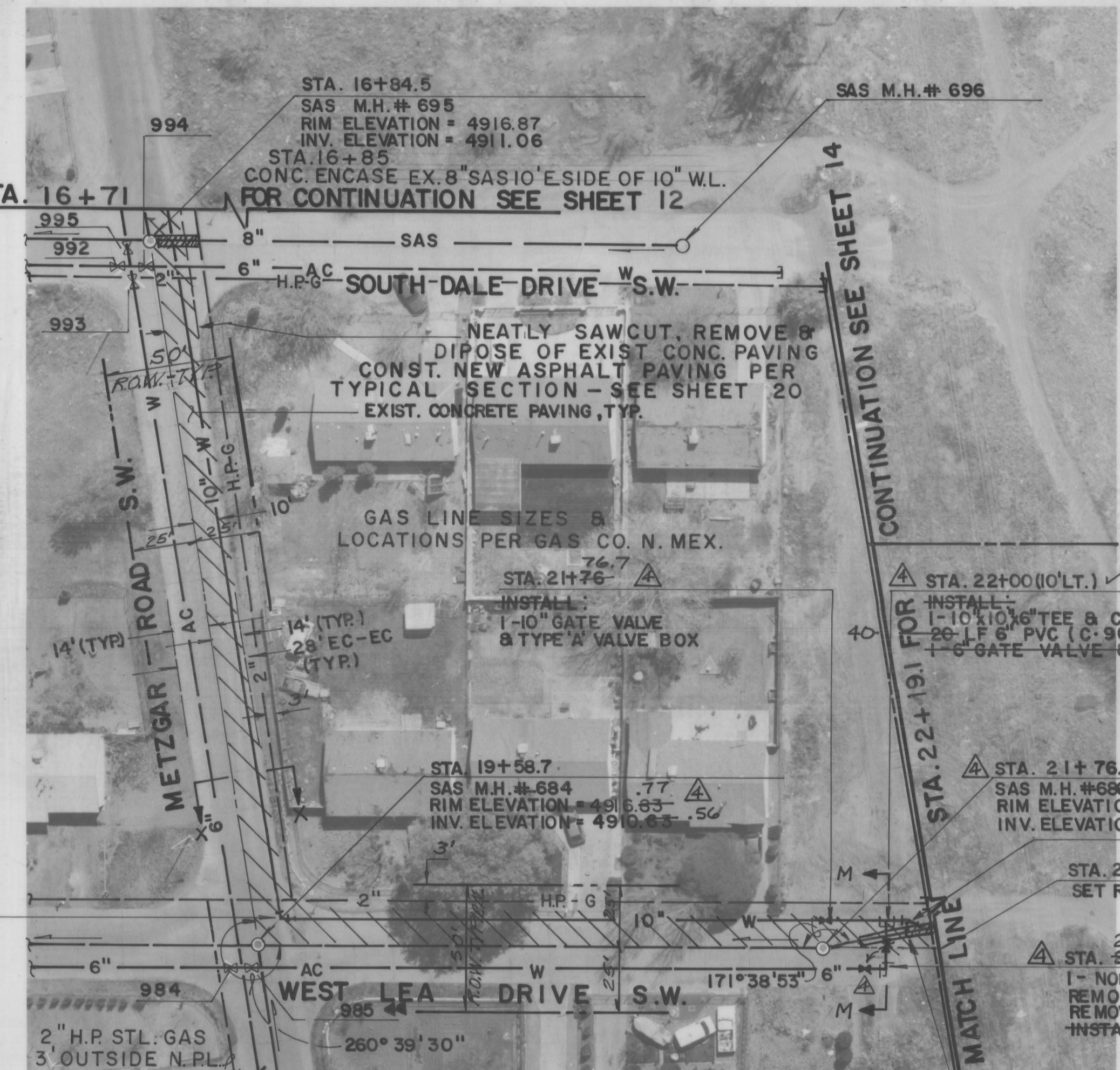
JMA NO. 901906

BID LOT NO. 2



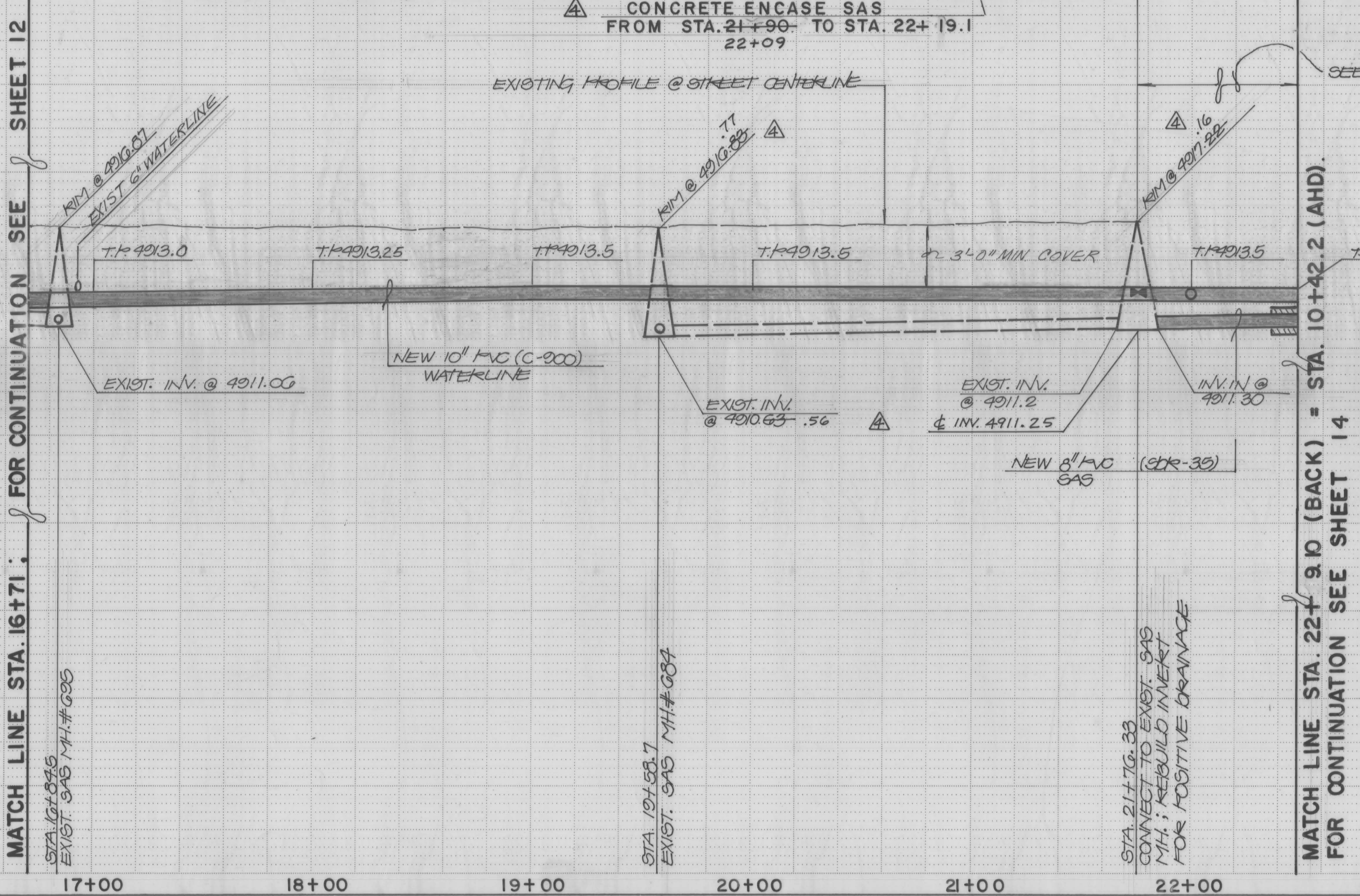
NOTE :
VALVE 995 NOT FOUND

MATCH LINE STA. 16+71



RECORD DRAWING

MATCH LINE STA. 16+71 ; FOR CONTINUATION SEE SHEET 12



MATCH LINE STA. 22+19.1 (BACK) = STA. 10+42.2 (AHD.)
FOR CONTINUATION SEE SHEET 14

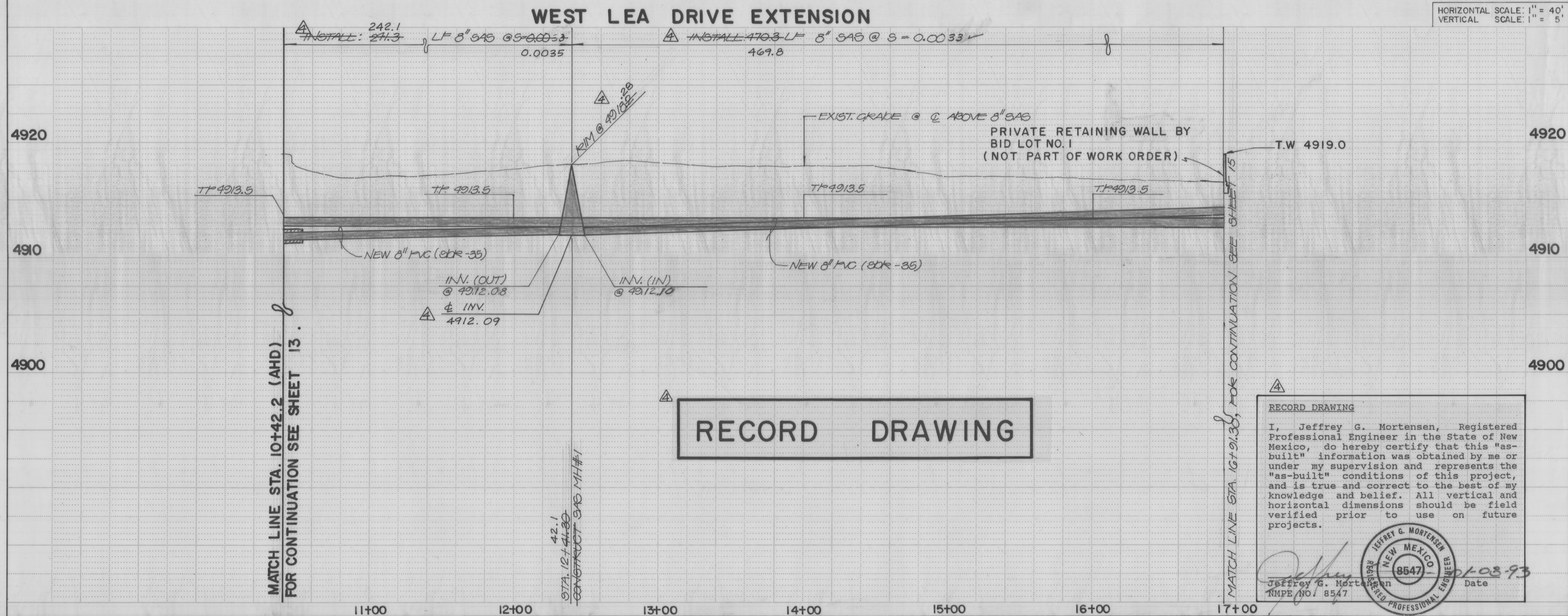
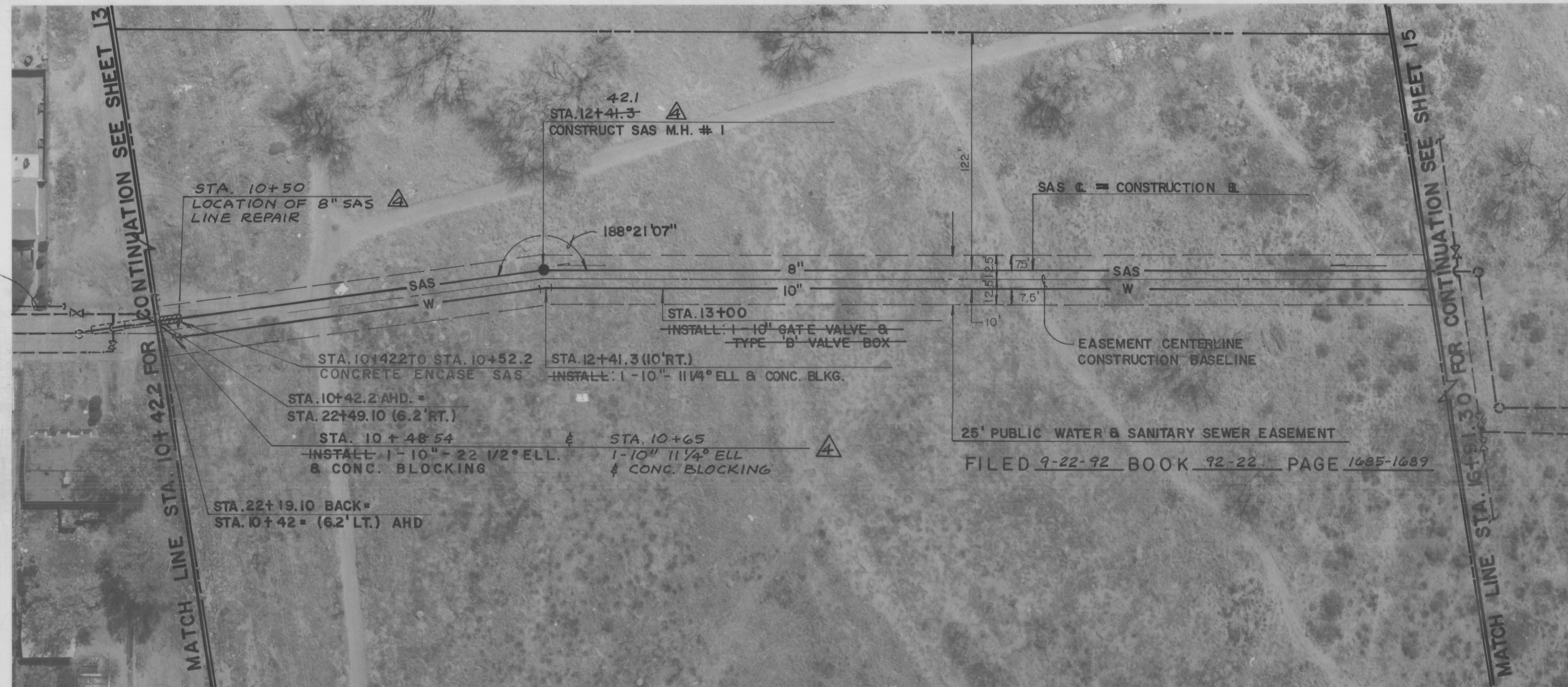
RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Jeffrey G. Mortensen
N.M.P.E. No. 8547

NEW MEXICO
8547
08-93

WATER DISTRIBUTION SYSTEM:			
1.	ALL STATIONING IS BASED ON SANITARY SEWER CENTERLINE.	AS BUILT INFORMATION CONTRACTOR CONDOR CONST. WORK BY JMA INSPECTOR'S ACCEPTANCE BY JHW DATE 11/92 DRAWING VERIFICATION BY JHW DATE 11/92 MICRO-FILM INFORMATION RECORDED BY NO DATE	
2.	FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. FOR ALL LINES 12" AND LARGER, WATER MAIN SHALL BE CONCRETE CYLINDER OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC AND CONCRETE CYLINDER.		
3.	WATER MAIN SHALL HAVE A MINIMUM COVER OF 3'0".		
4.	ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.		
5.	IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALLIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.		
6.	VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.		
7.	JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATERLINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.		
8.	WHERE CONCRETE ENCASED SAS IS SPECIFIED, CONTRACTOR MAY SUBSTITUTE PRESSURE CLASS PIPE EXTENDING MANHOLE TO MANHOLE.		
WATER VALVE SHUTOFF PLAN REQUIREMENTS			
1.	CONTRACTOR SHALL BE RESPONSIBLE FOR TIMING AND COORDINATION OF THE WATER SHUT-OFF REQUIREMENTS IN CONJUNCTION WITH COMPLETION OF THIS PROJECT.	ENGINEER'S SEAL JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER 08.13	
2.	AT LEAST THREE (3) WORKING DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL CONTACT PWD/WATER SYSTEMS DIVISION (857-8200) TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN.		
3.	TO COMPLETE THE NON-PRESSURE CONNECTION SHOWN HEREON, THE EXISTING VALVES LISTED BELOW AND MARKED WITH AN ARROW () ON THE ABOVE MAP MUST BE CLOSED BY PWD/WATER SYSTEMS PERSONNEL. 985.		
4.	THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS AND THRUST BLOCKS NECESSARY TO EFFECT THE NECESSARY SHUTOFFS AND CONNECTIONS.		
5.	EXISTING WATER VALVE AND WATERLINE INFORMATION OBTAINED FROM CITY OF ALBUQUERQUE AUTOMATED WATER DISTRIBUTION SYSTEM SECTIONAL MAPS, PLATE Q-10.		
6.	THOSE PROPERTIES FRONTING ONTO WEST LEA DRIVE S.W. SOUTH OF METZGAR ROAD S.W. MAY BE AFFECTED BY THIS SHUTOFF.		
REVISIONS			
NO.	DATE	REMARKS	BY
1	01-93	AS-BUILT	GM
DESIGNED BY JGM DATE 08/92 DRAWN BY JMC DATE 08/92 CHECKED BY JGM DATE 08/92			
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE: NEW PAJARITO ELEMENTARY SCHOOL SITE PREPARATION WATER & SANITARY SEWER EXTENSIONS METZGAR RD. & W. LEA DR. S.W. STA. 16+71 TO STA. 22+19.10			
APPROVALS	ENGINEER	DATE	APPROVALS
DRC CHAIRMAN	Rogelio Rios	8/28/92	WATER
TRANS.	David W. Hume	8/24/92	WASTE WATER
HYDROLOGY	H. W. Hume	8-26-92	
PROJECT NO.	4530.90	MAP NO.	Q-10
SHEET 13		OF 22	



HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 5'

RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

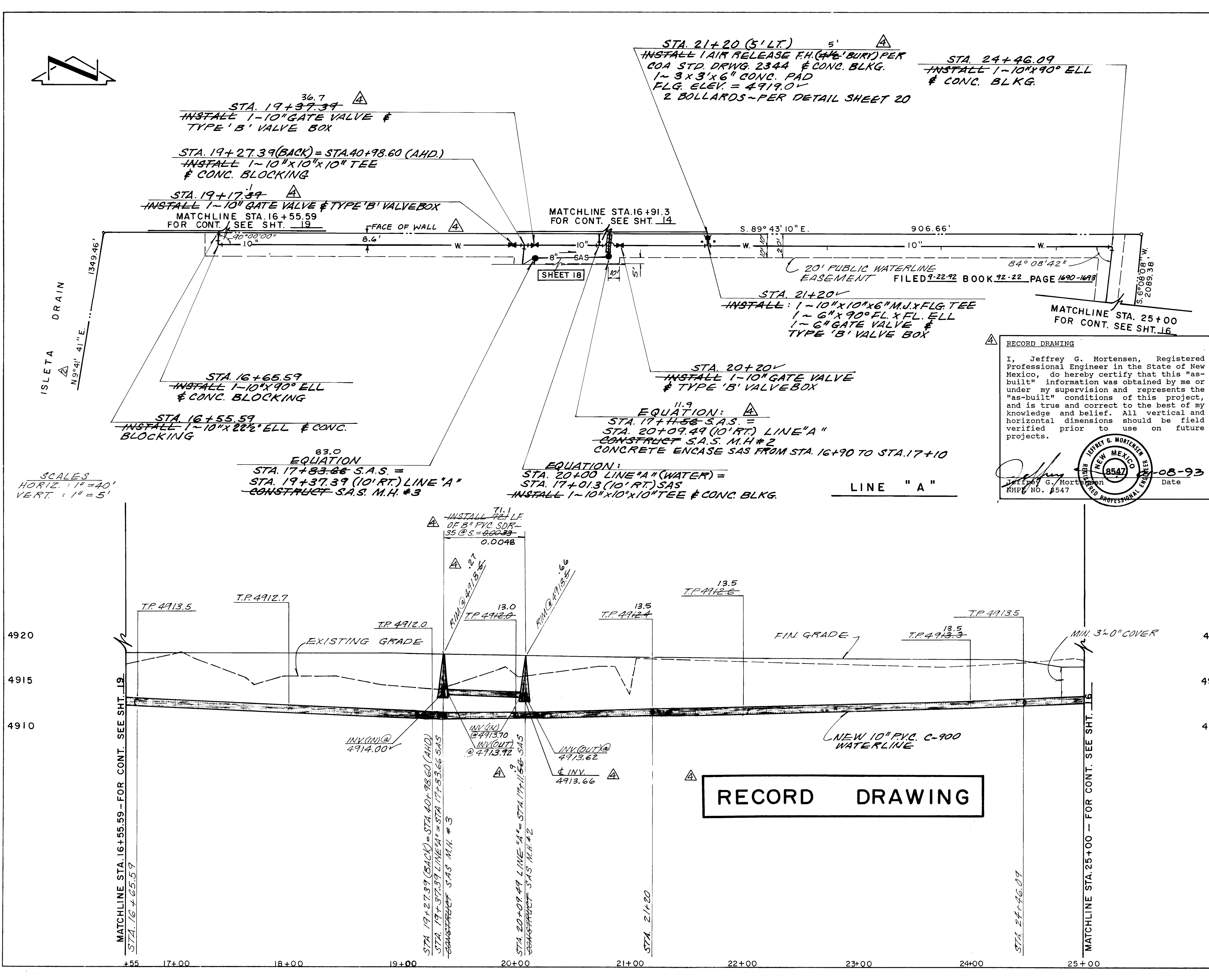
Jeffrey G. Mortensen
NMPE NO. 8547

JMA NO. 901906

SANITARY SEWER SYSTEM:									
<div> <div> 1. ALL STATIONING IS BASED ON SANITARY SEWER CENTERLINE. </div> <div> 2. ALL SEWER PIPE SHALL BE PVC (SDR 35) OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC. </div> <div> 3. SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES. </div> <div> 4. ALL MANHOLES SHALL BE FOUR-FOOT DIAMETER TYPE "C" AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2101 UNLESS OTHERWISE NOTED. </div> <div> 5. SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISCS (EMD) AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2125. EMD SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION. </div> <div> 6. WHERE CONCRETE ENCASED SAS IS SPECIFIED, CONTRACTOR MAY SUBSTITUTE PRESSURE CLASS PIPE EXTENDING MANHOLE TO MANHOLE. </div> </div>									
WATER DISTRIBUTION SYSTEM:									
<div> <div> 1. ALL STATIONING IS BASED ON SANITARY SEWER CENTERLINE </div> <div> 2. FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. FOR ALL LINES 12" AND LARGER, WATER MAIN SHALL BE CONCRETE CYLINDER OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC AND CONCRETE CYLINDER. </div> <div> 3. WATER MAIN SHALL HAVE A MINIMUM COVER OF 3'0". </div> <div> 4. ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION. </div> <div> 5. IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT. </div> <div> 6. VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE. </div> <div> 7. JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATERLINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE. </div> </div>									
<div> <div> <div> AS BUILT INFORMATION </div> <div> CONTRACTOR CONDOR CONST. </div> <div> WORK DONE BY INSPECTOR'S ACCEPTANCE BY DATE 9/9/92 </div> <div> FIELD DRAWINGS CORRECTED BY DATE 11/92 </div> <div> MICRO-FILM INFORMATION DATE NO </div> </div> <div> <div> BENCH MARKS </div> <div> STATION IS A STANDARD 405 3/4" ALUMINUM CAP RIVETED TO A PIPE 0.20' ABOVE GROUND AND IS STAMPED 12-190, 1988. THE STATION IS LOCATED @ THE NORTHWEST QUADRANT OF THE INTERSECTION OF DON MIGUEL PL. SW. & DON FELIXE RD. SW. ELEVATION = 4916.44 (1987 L.D.) </div> </div> <div> <div> SURVEY INFORMATION </div> <div> FIELD NOTES </div> <div> DATE 08/09/92 </div> <div> BY W.H.P. </div> <div> NO. N/A </div> </div> <div> <div> ENGINEER'S SEAL </div> <div> </div> <div> 08.13.92 </div> </div> </div>									
<div> <div> <div> AS-BUILT </div> <div> REMARKS </div> <div> DESIGN </div> </div> <div> DATE 05/92 </div> <div> DATE 05/92 </div> <div> DATE 05/92 </div> </div>									
<div> <div> NO. DATE </div> <div> NO. DATE </div> </div>									
<div> <div> <div> 26 </div> <div> 4530.901493 </div> </div> </div>									

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: NEW PAJARITO ELEMENTARY SCHOOL SITE PREPARATION WATER & SANITARY SEWER EXTENSIONS WEST LEA DR. EXT.: STA. 10+42.2 TO STA. 16+91.30					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>Rogelio A. Hernandez</i>	<i>8-28-92</i>	WATER	<i>[Signature]</i>	<i>8-28-92</i>
TRANS.	<i>Daniel de Herrera</i>	<i>8/28/92</i>	WASTE WATER	<i>[Signature]</i>	..
HYDROLOGY	<i>A. Alby</i>	<i>8-26-92</i>			
PROJECT NO. 4530.90		MAP NO. Q-10		SHEET 14	OF 22

BID LOT NO. 2



RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Jeffrey G. Mortensen
RMP# NO. 8547

08-93

SANITARY SEWER SYSTEM:	
1.	ALL STATIONING IS BASED ON SANITARY SEWER CENTERLINE.
2.	ALL SEWER PIPE SHALL BE PVC (SDR 35) OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
3.	SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
4.	ALL MANHOLES SHALL BE FOUR-FOOT DIAMETER TYPE "C" AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2101 UNLESS OTHERWISE NOTED.
5.	SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISCS (EMD) AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2125. EMD SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
6.	WHERE CONCRETE ENCASED SAS IS SPECIFIED, CONTRACTOR MAY SUBSTITUTE PRESSURE CLASS PIPE EXTENDING MANHOLE TO MANHOLE.

WATER DISTRIBUTION SYSTEM:	
1.	ALL STATIONING IS BASED ON WATERLINE CENTERLINE.
2.	FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. FOR ALL LINES 12" AND LARGER, WATER MAIN SHALL BE CONCRETE CYLINDER OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC AND CONCRETE CYLINDER.
3.	WATER MAIN SHALL HAVE A MINIMUM COVER OF 3'0".
4.	ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
5.	IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
6.	VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
7.	JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATERLINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.

AS BUILT INFORMATION	
DATE	09/92
DATE	09/92
DATE	09/92
DATE	09/92
DATE	09/92
DATE	09/92

BENCH MARKS	
STATION	IS A STANDARD ACS 3/4"
ALUMINUM CAP RIVETED TO A PIPE 0.20"	
ABOVE GROUND AND IS STAMPED BY JHW	
THE STATION IS LOCATED @ THE NORTHWEST	
QUADRANT OF THE INTERSECTION OF DON	
MIGUEL & SW & DON FELIPE RD SW	
ELEVATION = 415.44 (M.S.L.D)	

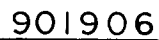
SURVEY INFORMATION	
DATE	08-93
DATE	08-93
DATE	08-93
DATE	08-93
DATE	08-93
DATE	08-93

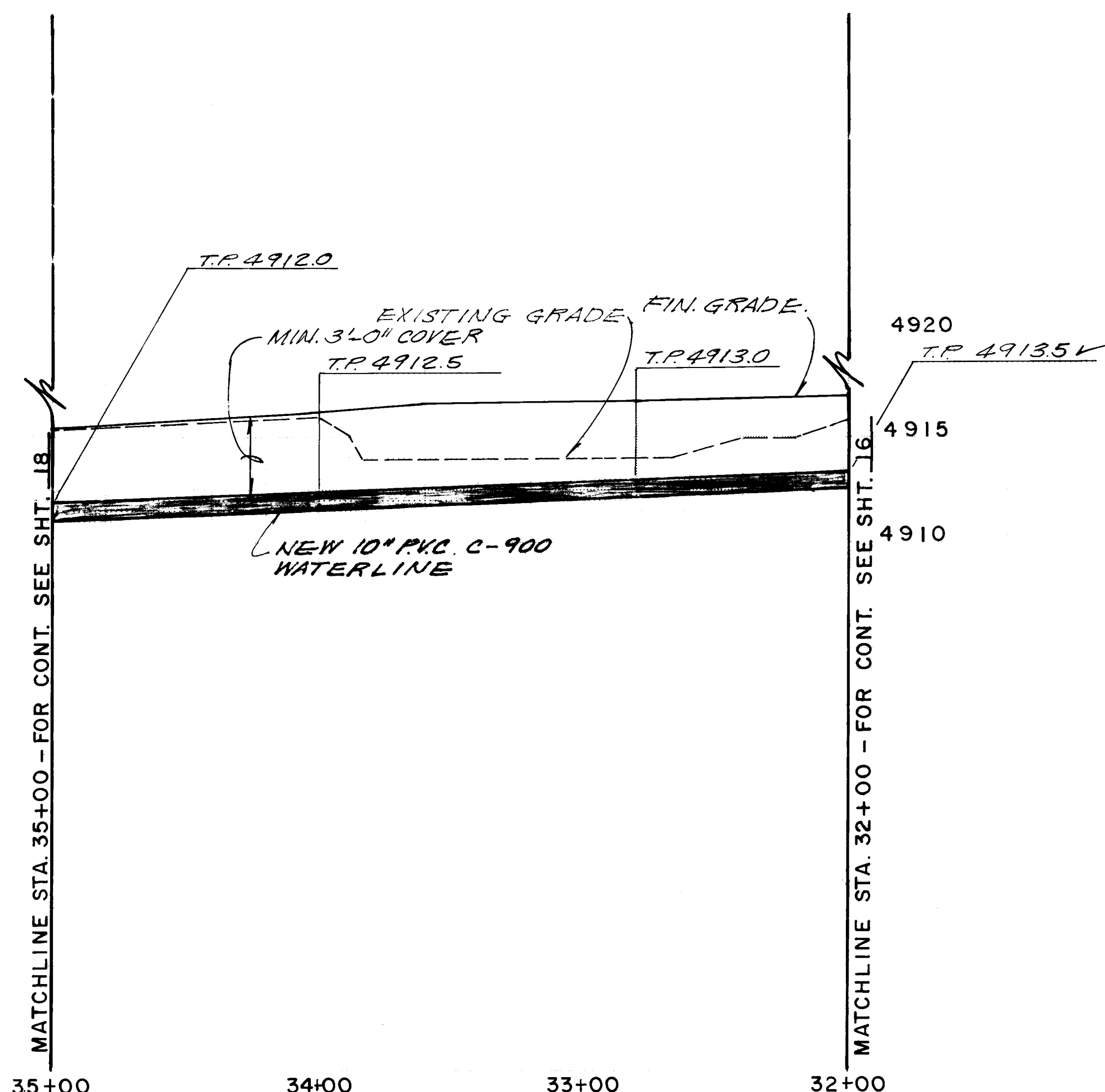
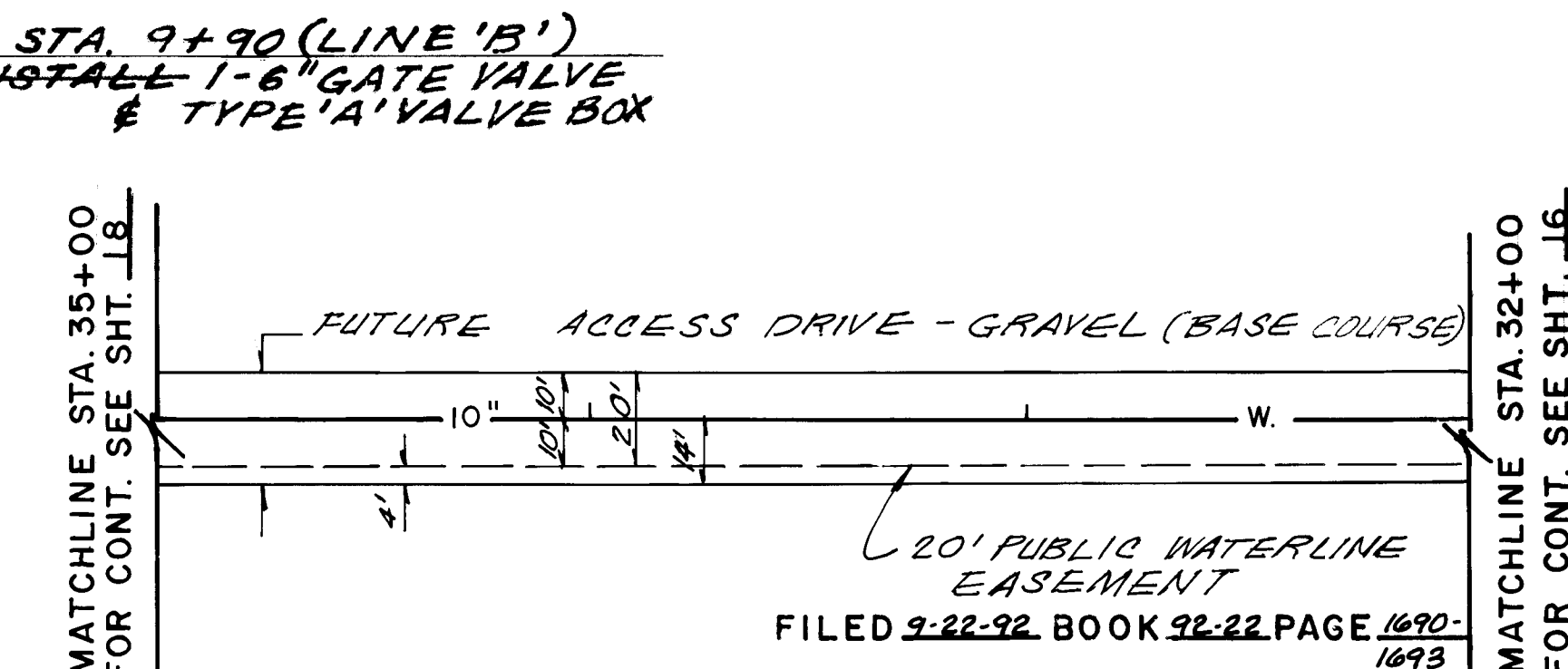
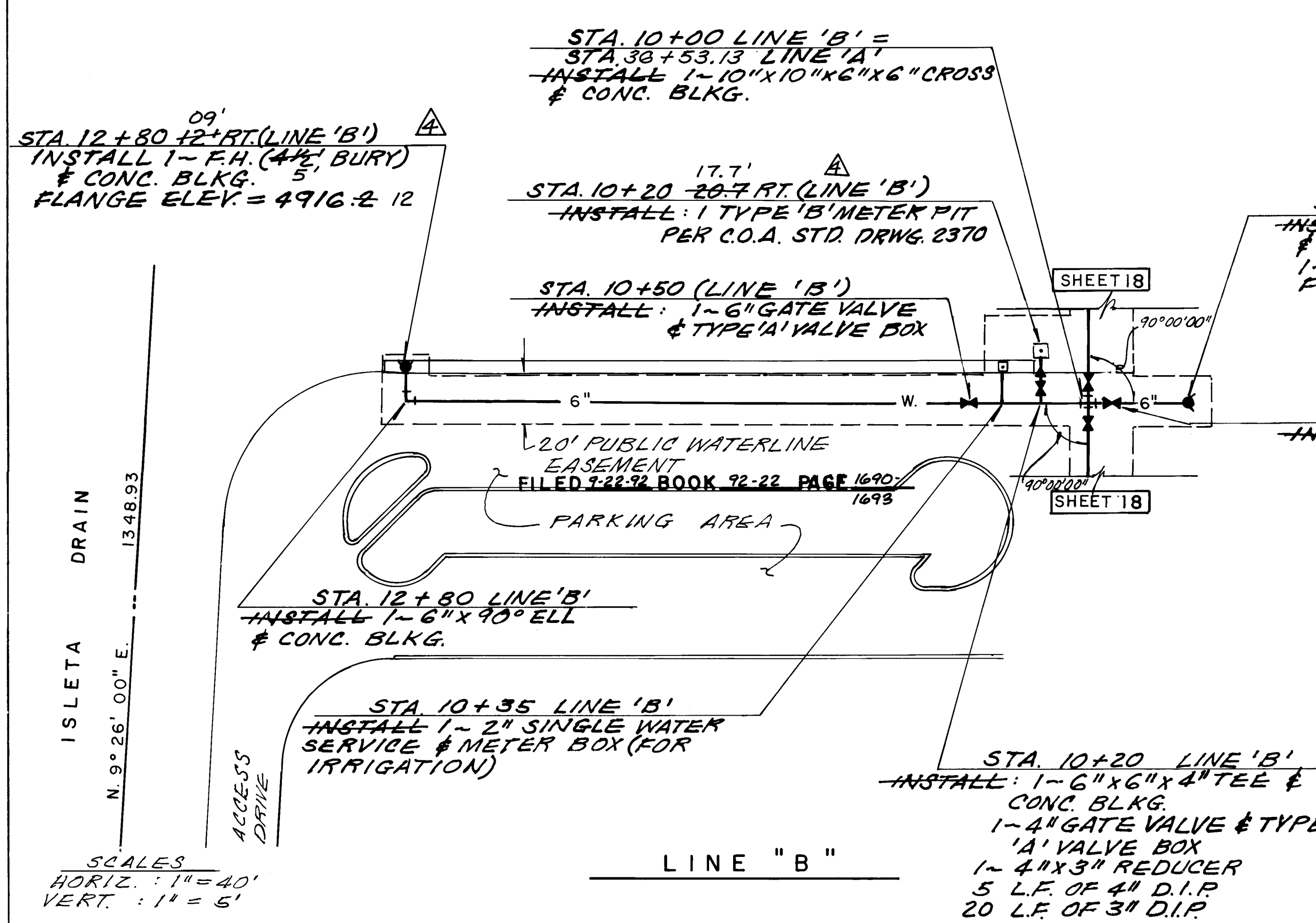
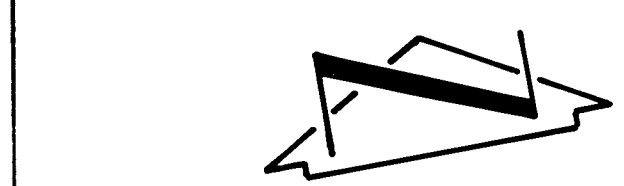
ENGINEER'S SEAL	
DATE	08-13-92
DATE	08-13-92
DATE	08-13-92
DATE	08-13-92
DATE	08-13-92
DATE	08-13-92

REVISIONS	
NO	DATE
1	01/93
2	10/92
3	08/92
4	08/92
5	08/92
6	08/92

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE NEW PAJARITO ELEMENTARY SCHOOL SITE PREP. WATER & SANITARY SEWER EXTENSIONS LINE "A" STA. 16+55.59 TO STA. 25+00	
APPROVALS	ENGINEER
APPROVALS	ENGINEER
APPROVALS	ENGINEER
APPROVALS	ENGINEER
APPROVALS	ENGINEER
APPROVALS	ENGINEER

PROJECT NO. 4530.90	
MAP NO.	Q10
SHEET	15
OF	22





RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Jeffrey G. Mortensen
N.M.P.E. No. 8547
Date 01-08-93

NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
8547

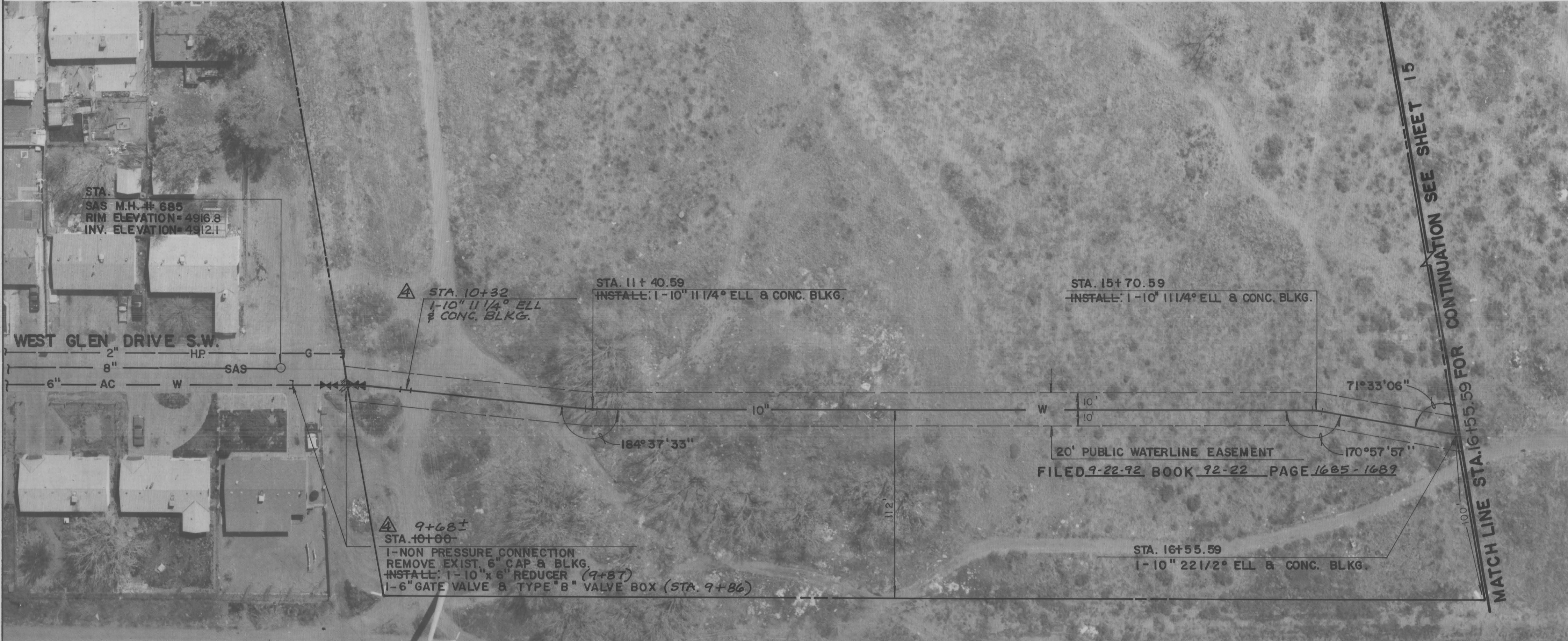
RECORD DRAWING

WATER DISTRIBUTION SYSTEM:			
1.	ALL STATIONING IS BASED ON EASEMENT CENTERLINE.	AS BUILT INFORMATION	DATE 9/92
2.	FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. FOR ALL LINES 12" AND LARGER, WATER MAIN SHALL BE CONCRETE CYLINDER OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC AND CONCRETE CYLINDER.	BENCH MARKS	DATE 9/92
3.	WATER MAIN SHALL HAVE A MINIMUM COVER OF 3'0".	STATIONING IS A STANDARD ACS 3/4 ALUMINUM CAP RIVETED TO A PIPE 0.20 ABOVE GROUND AND IS STAMPED "P.O. 1988" THE STATIONING IS LOCATED @ THE NORTHWEST QUADRANT OF THE INTERSECTION OF DON MIGUEL FL. S.W. & DON FELIPE RD. SW. ELEVATION = 4915.44 (MSLD)	DATE 9/92
4.	ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.	SURVEY INFORMATION	DATE 9/92
5.	IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALLIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.	FIELD NOTES	DATE 9/92
6.	VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.	NO	DATE 9/92
7.	JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATERLINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.	BY	DATE 9/92
8.	WHERE CONCRETE ENCASED SAS IS SPECIFIED, CONTRACTOR MAY SUBSTITUTE PRESSURE CLASS PIPE EXTENDING MANHOLE TO MANHOLE.	REVISIONS	DATE 9/92
		DESIGNED BY	DATE 7-92
		DRAWN BY	DATE 7-92
		CHECKED BY	DATE 7-92

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE NEW PAJARITO ELEMENTARY SCHOOL SITE PREP. WATER & SANITARY SEWER EXTENSION LINE "A" STA. 32+00 TO STA. 35+00; LINE "B" STA. 9+63 TO 12+80			
APPROVALS	ENGINEER	DATE	APPROVALS
THE CHAIRMAN	8/28/92	WATER	8/28/92
TRANSPORTATION	8/26/92	WASTE WATER	8/26/92
HYDROLOGY	8/26/92		
PROJECT NO.	4530.90	MAP NO.	Q 10
SHEET	17	OF	22

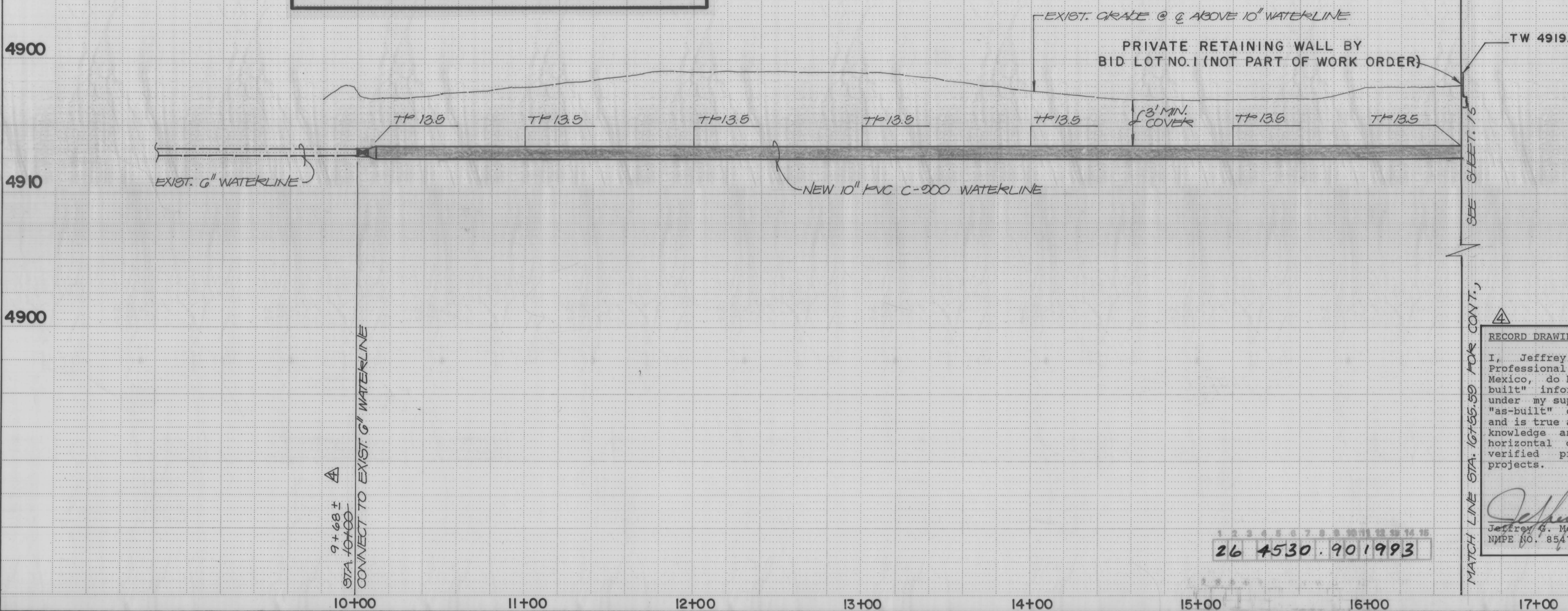
901906

BID LOT NO. 2



WEST GLEN DRIVE EXTENSION

RECORD DRAWING



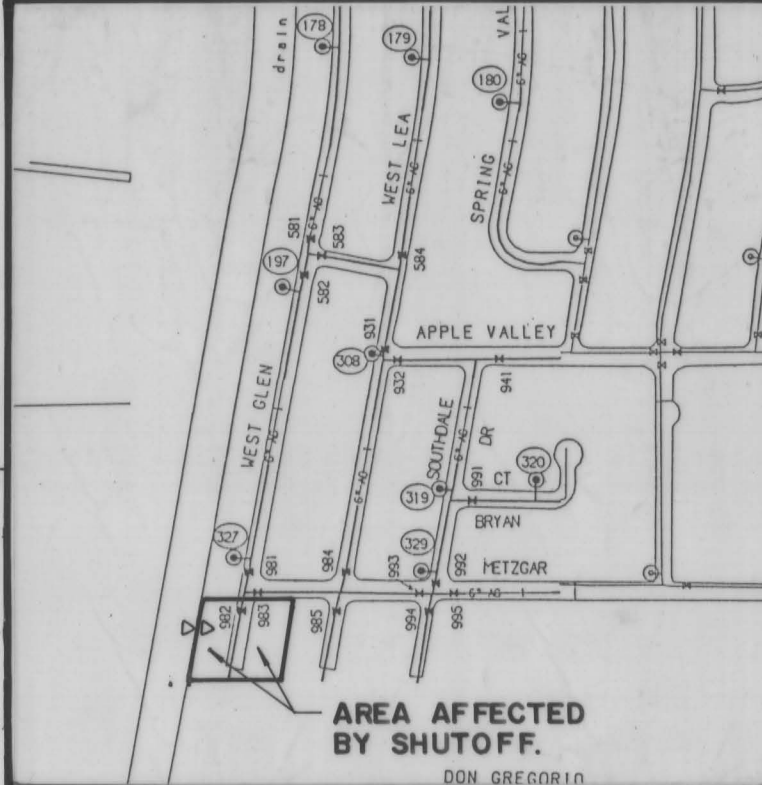
RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.



WATER DISTRIBUTION SYSTEM:

1. ALL STATIONING IS BASED ON EASEMENT CENTERLINE.
2. FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. FOR ALL LINES 12" AND LARGER, WATER MAIN SHALL BE CONCRETE CYLINDER OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC AND CONCRETE CYLINDER.
3. WATER MAIN SHALL HAVE A MINIMUM COVER OF 3'0".
4. ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
5. IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
6. VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
7. JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATERLINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
8. WHERE CONCRETE ENCASED SAS IS SPECIFIED, CONTRACTOR MAY SUBSTITUTE PRESSURE CLASS PIPE EXTENDING MANHOLE TO MANHOLE.

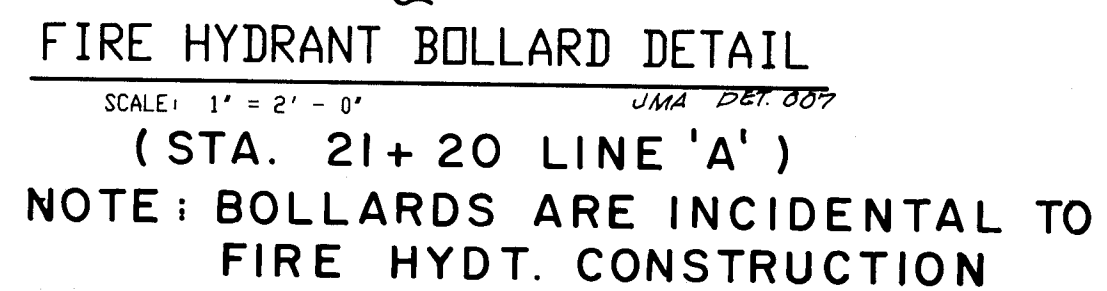


WATER VALVE SHUTOFF PLAN REQUIREMENTS

1. CONTRACTOR SHALL BE RESPONSIBLE FOR TIMING AND COORDINATION OF THE WATER SHUT-OFF REQUIREMENTS IN CONJUNCTION WITH COMPLETION OF THIS PROJECT.
2. AT LEAST THREE (3) WORKING DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL CONTACT PWD/WATER SYSTEMS DIVISION (857-8200) TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN.
3. TO COMPLETE THE NON-PRESSURE CONNECTION SHOWN HEREON, THE EXISTING VALVES LISTED BELOW AND MARKED WITH AN ARROW (A) ON THE ABOVE MAP MUST BE CLOSED BY PWD/WATER SYSTEMS PERSONNEL. 982.
4. THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS AND THRUST BLOCKS NECESSARY TO EFFECT THE NECESSARY SHUTOFFS AND CONNECTIONS.
5. EXISTING WATER VALVE AND WATERLINE INFORMATION OBTAINED FROM CITY OF ALBUQUERQUE AUTOMATED WATER DISTRIBUTION SYSTEM SECTIONAL MAPS, PLATE Q-10.

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: NEW PAJARITO ELEMENTARY SCHOOL SITE PREPARATION WATER & SANITARY SEWER EXTENSIONS WEST GLEN DRIVE EXT: STA. 10+00 TO STA. 16+55.59					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Roger L. Hume	8/26/92	WATER	Jeffrey G. Mortensen	8-26-92
TRANS.	David W. Hume	8/26/92	WASTE WATER	Jeffrey G. Mortensen	8-26-92
HYDROLOGY	David W. Hume	8-26-92			
PROJECT NO.	4530.90		MAP NO.	Q-10	
SHEET	19		OF	22	

RECORD DRAWING

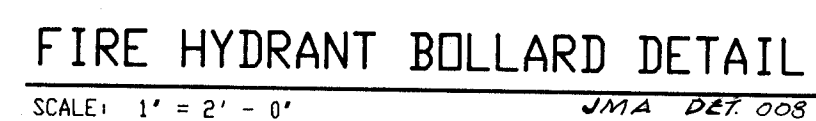


FIRE HYDRANT BOLLARD DETAIL

SCALE: 1" = 2' - 0" JMA DET. 007

(STA. 21+20 LINE 'A')

NOTE: BOLLARDS ARE INCIDENTAL TO
FIRE HYDRANT CONSTRUCTION



FIRE HYDRANT BOLLARD DETAIL

SCALE: 1' = 2' - 0' JMA DET. 008

(STA. 28+99.80 LINE 'A')

NOTE:
BOLLARDS ARE INCIDENTAL TO
FIRE HYDT. CONSTRUCTION



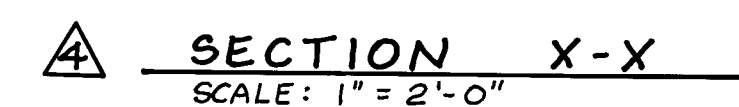
TYPICAL BOLLARD SECTION

SCALE: 1' = 2' - 0' JMA DET. 005



TYPICAL RESIDENTIAL PAVEMENT SECTION

(TO REPLACE CONC. PAVING)

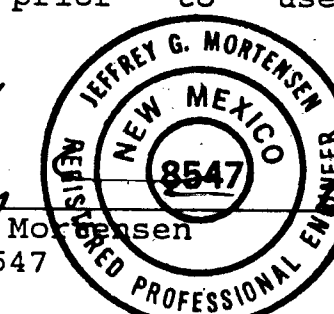


4 SECTION X-X

SCALE: 1" = 2'-0"

RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.



Jeffrey G. Mortensen Date
NMME NO. 8547

901906

[illegible]

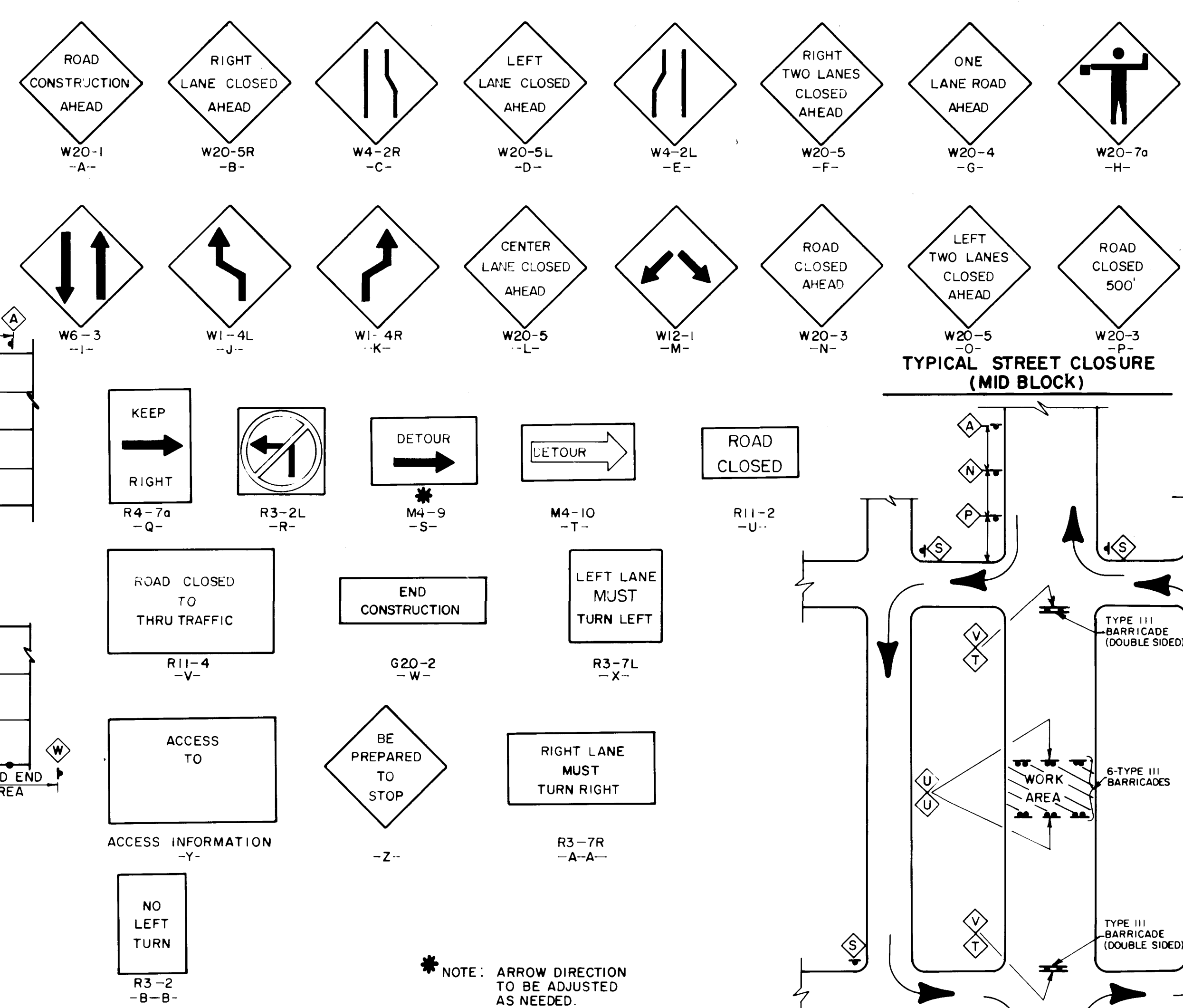
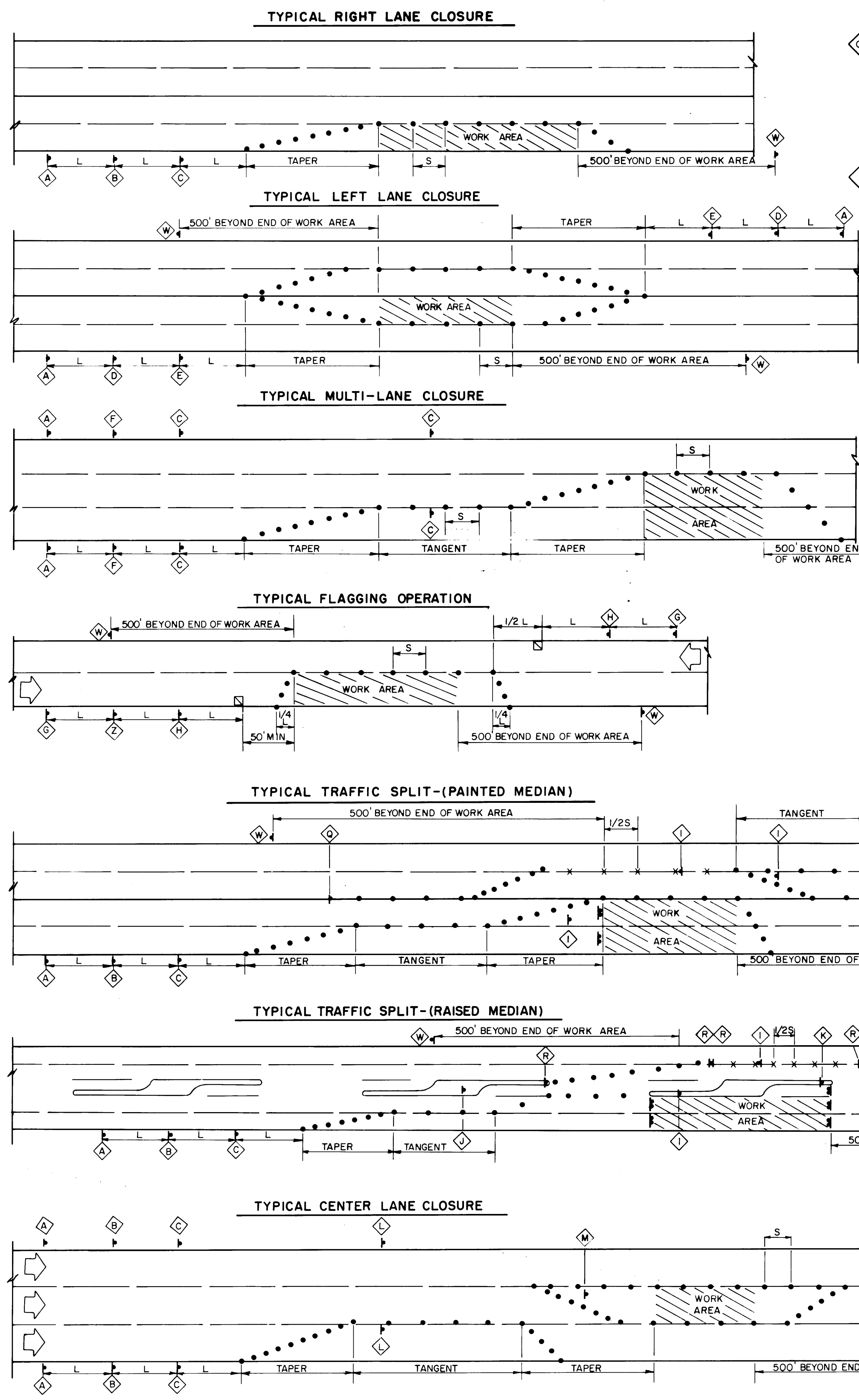
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: NEW PAJARITO ELEMENTARY SCHOOL SITE PREP
WORK ORDER SECTIONS & DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>Rogay Khan</i>	8/28/92	WATER	<i>Ali Khan</i>	8-26-92
TRANSPORTATION	<i>Imdad Khan</i>	8/24/92	WASTE WATER	<i>Ali</i>	..
HYDROLOGY	<i>S. Ali</i>	8-26-92			

PROJECT NO.	4530.90	MAP NO.	SHEET 20 OF 22
-------------	----------------	---------	------------------------------

BID LOT NO. 2



LEGEND

WORK AREA

TRAFFIC SIGN & QUANTITY (See this sheet for designation)

BARRICADE - TYPE I, TYPE II, OR BARRREL

BARRICADE - TYPE III

VERTICAL PANEL

WARNING SIGN

DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET

FLAGMAN POSITION

SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED OF THE STREET

TAPER LENGTH - SEE CHART BELOW

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

NOTES

- ALL ADVANCE WARNING SIGNS ARE TO BE DOUBLE INDICATED WHENEVER MEDIANS ARE PRESENT.
- TRANSFORMATION FROM EXISTING SIGNALS TO SPAN WIRE IS TO OCCUR AT OFF PEAK HOURS.
- THESE DETAILS PROVIDED COURTESY OF THE CITY OF ALBUQUERQUE TRANSPORTATION DEVELOPMENT SECTION.
- THE PROVISION OF TRAFFIC CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. TRAFFIC CONTROL IS INCIDENTAL TO CONSTRUCTION, THEREFORE NO SEPARATE PAYMENT WILL BE MADE

TAPER REQUIREMENTS

SPEED LIMIT (MPH)	TAPER LENGTH (FEET)			MAXIMUM DISTANCE BETWEEN DEVICES (FEET)	MINIMUM NUMBER OF DEVICES 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

RECORD DRAWING

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

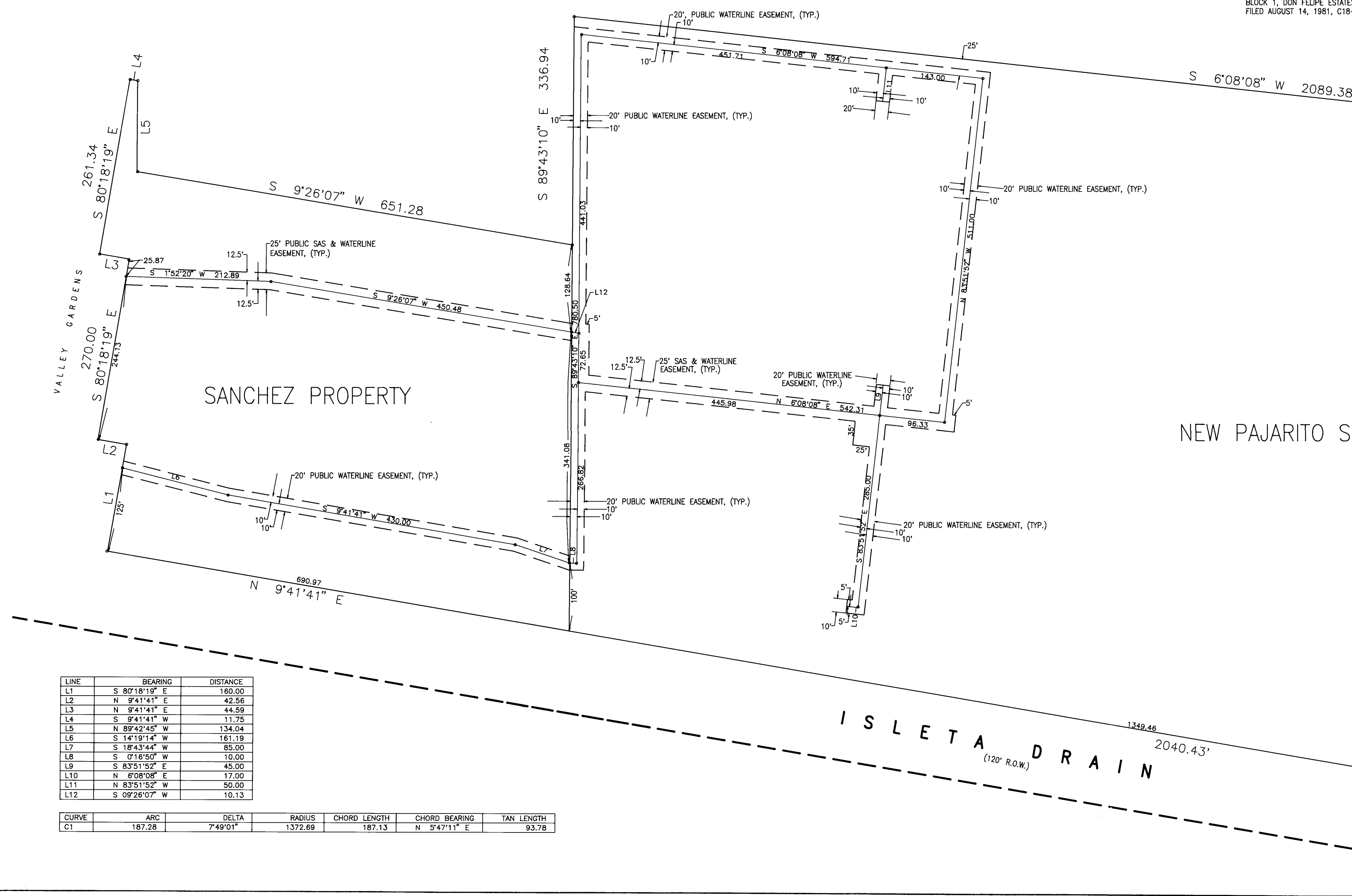
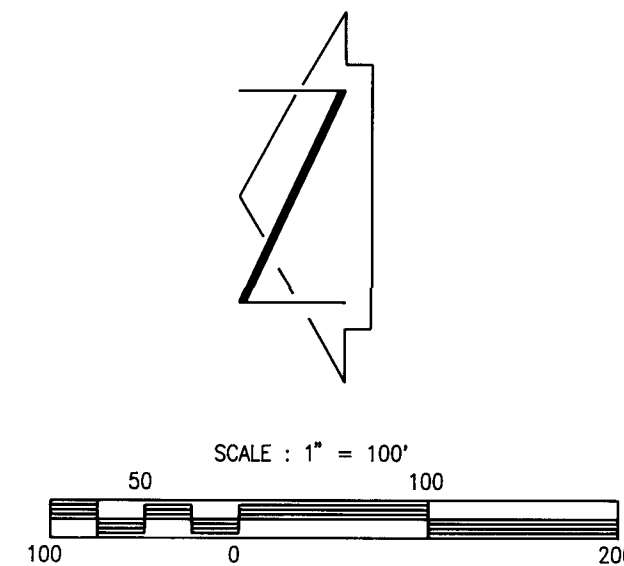
TITLE: **NEW PAJARITO ELEMENTARY SCHOOL
SITE PREPARATION CONTRACT
TRAFFIC CONTROL DETAILS**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIRMAN	Rogelio Nunez	8/28/92	WATER	W. Nunez	8-26-92
TRANSPORTATION	W. Nunez	8/26/92	WASTE WATER	W. Nunez	8-26-92
HYDROLOGY	W. Nunez	8-26-92			

DESIGNED BY C.O.A. DATE N/A
DRAWN BY C.O.A. DATE N/A
CHECKED BY C.O.A. DATE N/A

PROJECT NO. **4530.90** MAP NO. **Q10/R10** SHEET **21** OF **22**

RECORD DRAWING



LINE	BEARING	DISTANCE
L1	S 80°18'19" E	261.34
L2	N 9°41'41" E	270.00
L3	N 9°41'41" E	24.13
L4	S 9°26'07" W	651.28
L5	N 89°42'45" W	134.04
L6	S 14°19'14" W	161.19
L7	S 18°43'44" W	85.00
L8	S 0°16'50" W	10.00
L9	S 83°51'52" E	45.00
L10	N 6°08'08" E	17.00
L11	N 83°51'52" E	50.00
L12	S 09°26'07" W	10.13

CURVE	ARC	DELTA	RADIUS	CHORD LENGTH	CHORD BEARING	TAN LENGTH
C1	187.28	7°49'01"	1372.68	187.13	N 9°47'11" E	93.78

26 4530.902293

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: NEW PAJARITO ELEMENTARY SCHOOL SITE EASEMENT SURVEY					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Rogelio Rios	8/26/92	WATER	W. Rios	8-26-92
TRANSPORTATION	Rogelio Rios	8/26/92	WASTE WATER	W. Rios	8-26-92
HYDROLOGY	Rogelio Rios	8-26-92			
PROJECT NO.	4530.90	MAP NO.	Q1010	SHEET	22 OF 22
BID LOT NO. 2					