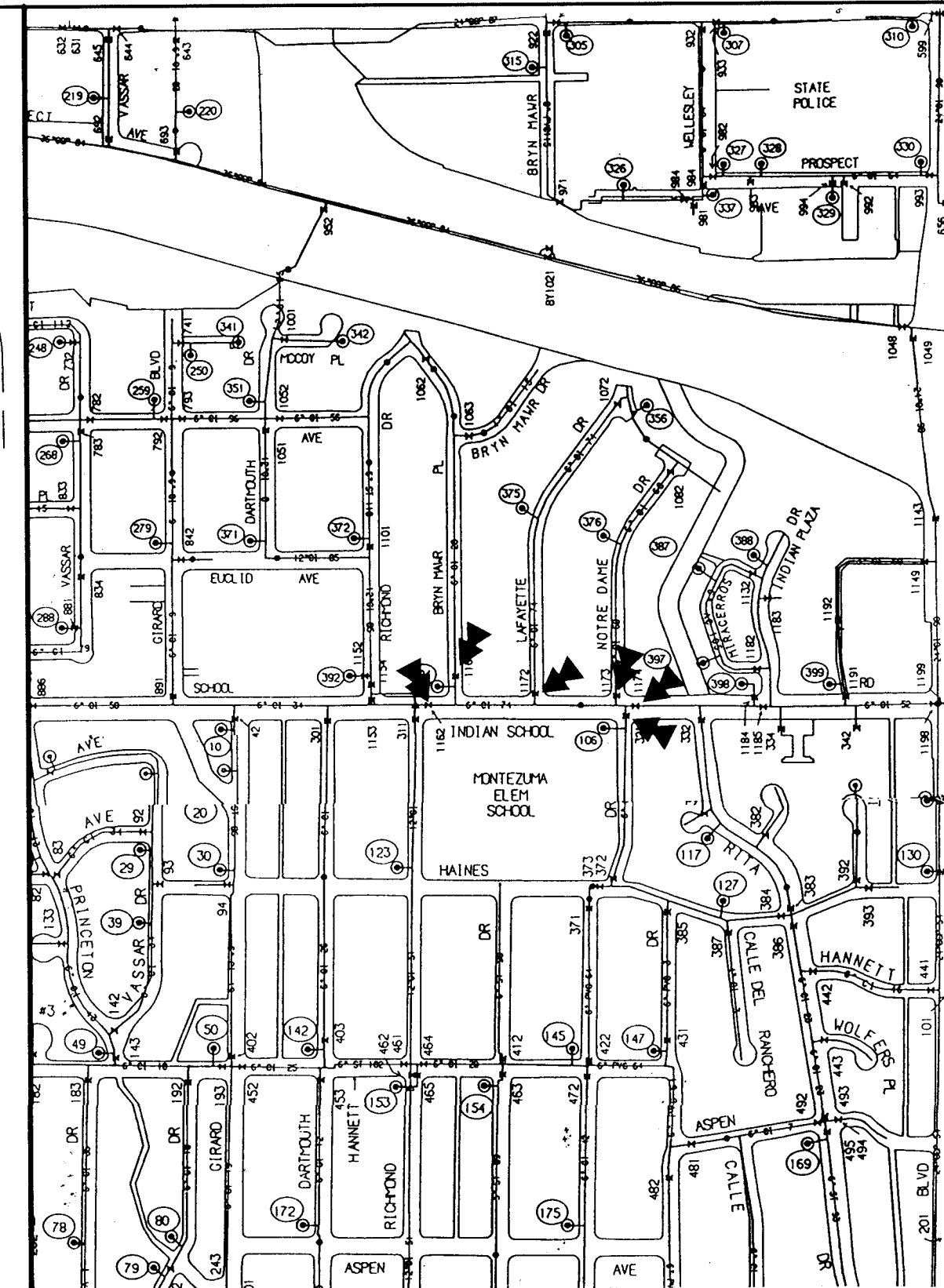
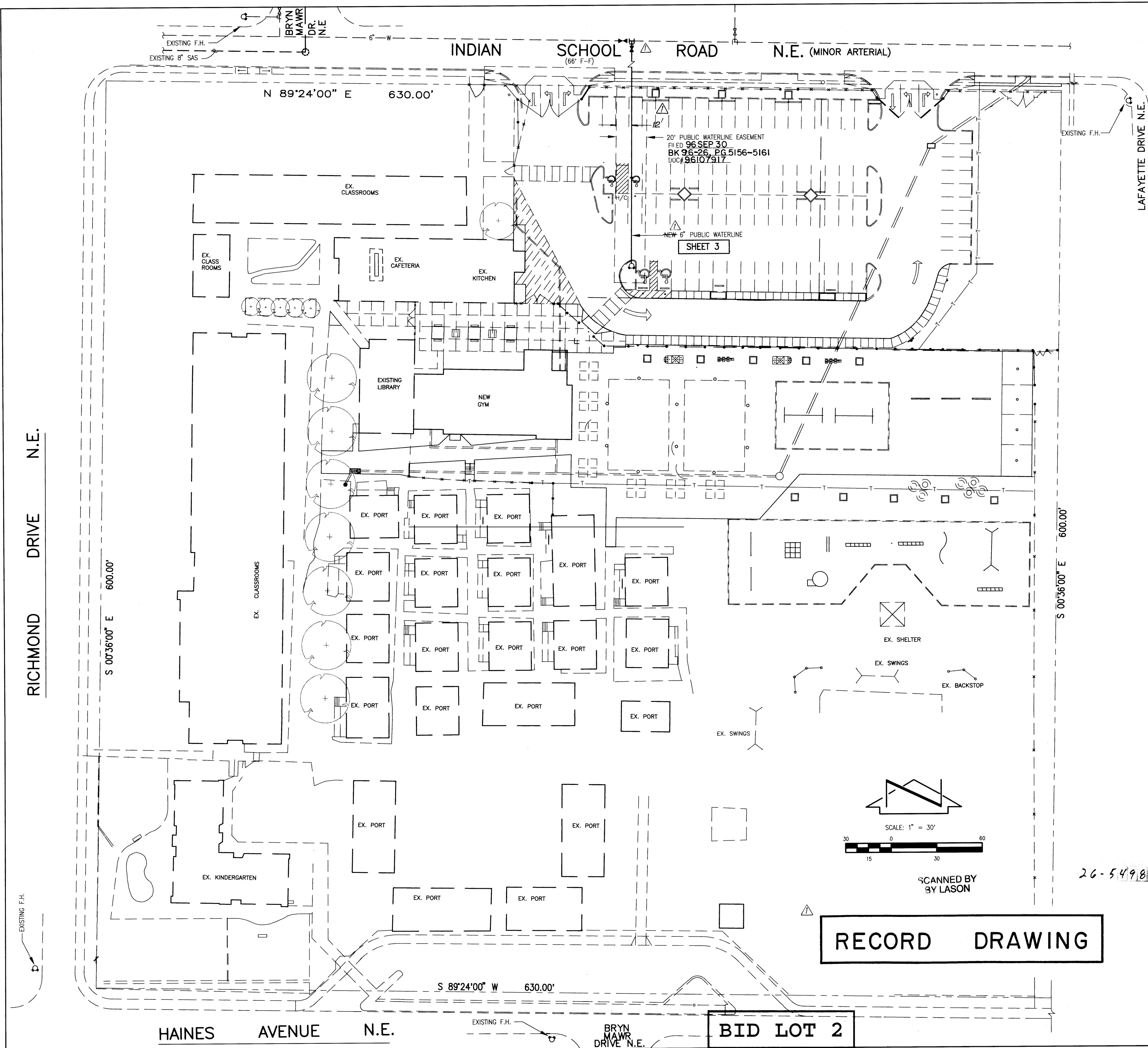


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WATER VALVE SHUTOFF PLAN REQUIREMENTS:

1. AS A MINIMUM, THE FOLLOWING VALVES SHALL BE CLOSED TO FACILITATE THE PROPOSED CONNECTIONS:
1162, 1161, 1172, 1173, 321, 1174
2. THE CONTRACTOR SHALL NOTIFY WATER SYSTEMS FIVE (5) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING WATERLINE; ALL SHUTOFFS SHALL BE PERFORMED BY THE WATER SYSTEM DIVISION PERSONNEL (857-8200).
3. THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS AND THRUST BLOCKS NECESSARY TO EFFECT THE NECESSARY SHUTOFFS AND CONNECTIONS.
4. EXISTING WATER VALVE AND WATERLINE INFORMATION OBTAINED FROM CITY OF ALBUQUERQUE AUTOMATED WATER DISTRIBUTION SYSTEM SECTIONAL MAPS, PLATES H-16 AND J-16.
5. AT THE TIME OF WATER SHUTOFF APPLICATION, THE CONTRACTOR SHALL REQUEST THAT THE WATER SYSTEM DIVISION NOTIFY ALL AFFECTED PROPERTY OWNERS AT LEAST 24 HOURS IN ADVANCE OF THE RESPECTIVE SHUTOFFS.

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.

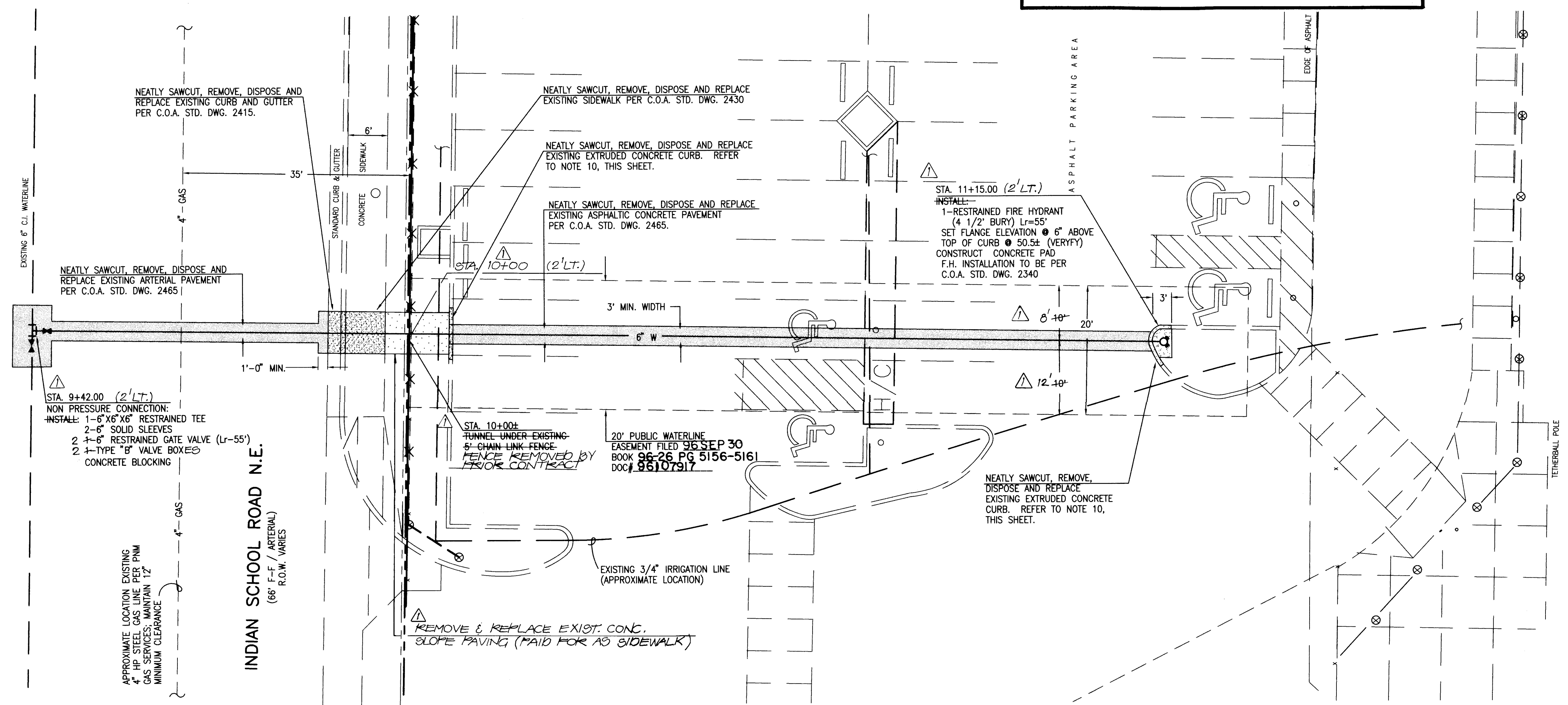
Jeffrey G. Mortensen
NEW MEXICO
ENGINEER
8547
10-27-97
Date

Jma

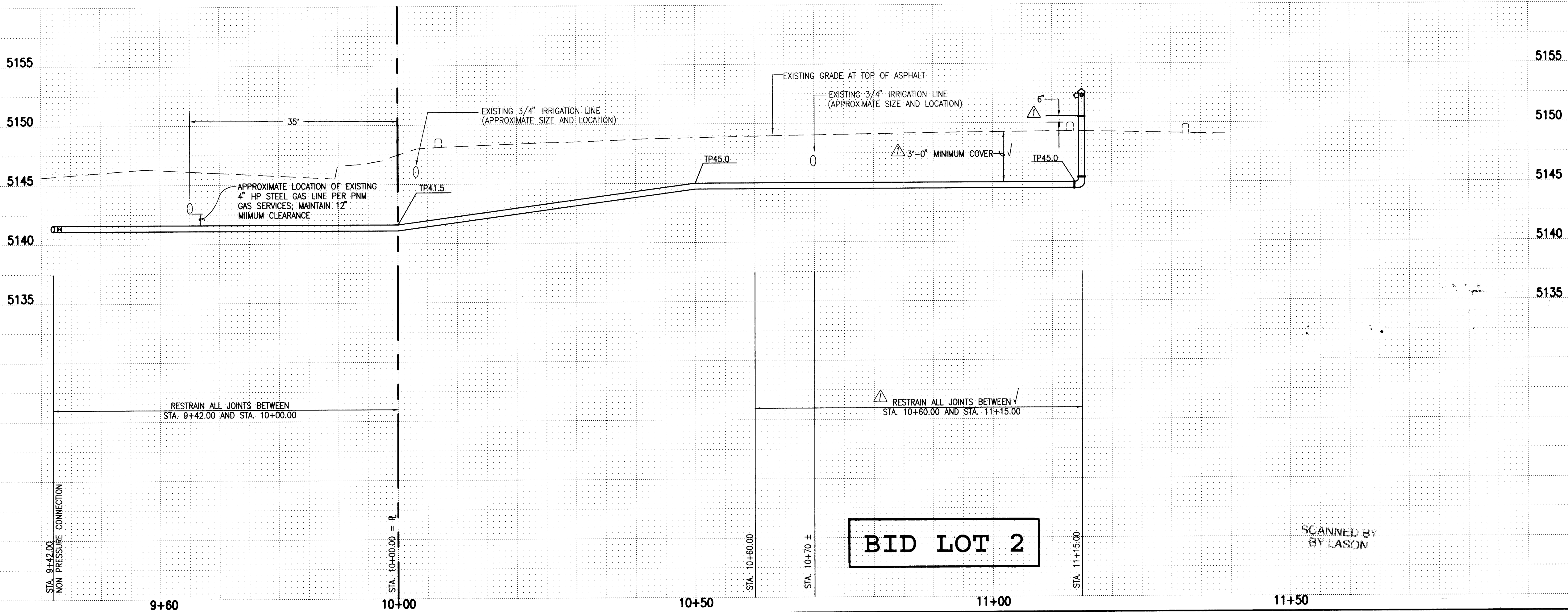
JEFF MORTENSEN & ASSOCIATES, INC.
600-B MIDWAY PARK, SUITE 100
ALBUQUERQUE, NM 87109
ENGINEERS & SURVEYORS (505) 345-4250

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: MONTEZUMA ELEMENTARY SCHOOL WATERLINE EXTENSION SITE PLAN, WATER VALVE SHUTOFF PLAN			
Design Review Committee APPROVED JUL 29 1997 DESIGN REVIEW COMMITTEE	City Engineer Approval	Ms./Day/Yr.	Ms./Day/Yr.
City Project No. 950652	Zone Map No. J-16	Sheet 2	Of 3

RECORD DRAWING



SCALE:
HORIZONTAL: 1" = 10'
VERTICAL: 1" = 5'



BID LOT 2

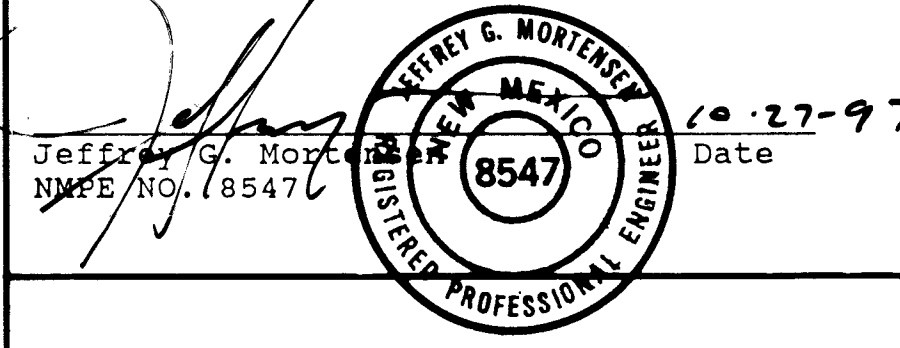
SCANNED BY: LASON

- WATERLINE CONSTRUCTION NOTES:**
- ALL STATIONING IS BASED ON EASEMENT CENTERLINE UNLESS INDICATED OTHERWISE.
 - FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
 - FOR ALL LINES 14" AND LARGER, WATER MAIN SHALL BE DUCTILE IRON OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. CONCRETE CYLINDER IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
 - WATERLINE SHALL HAVE A MINIMUM COVER OF 3'0" (FINISHED GRADE TO TOP OF PIPE). EXTRA DEPTH OF TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
 - ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
 - 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.
 - 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.
 - JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATERLINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
 - FOR THE PURPOSES OF THIS PROJECT, ALL RESTRAINED JOINTS AND JOINT RESTRAINT SHALL BE MECHANICALLY RESTRAINED.
 - EXTRUDED CONCRETE CURB SHALL CONFORM WITH C.O.A. STD. DWG. 2415 FOR PINNED CURB TYPE I. IN LIEU OF #4 REBAR PINS; THE CONTRACTOR MAY CHEMICALLY BOND CONCRETE CURB TO EXISTING/NEW ASPHALT PAVEMENT PER MANUFACTURER'S DIRECTIONS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
 - WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWERLINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.

RECORD DRAWING

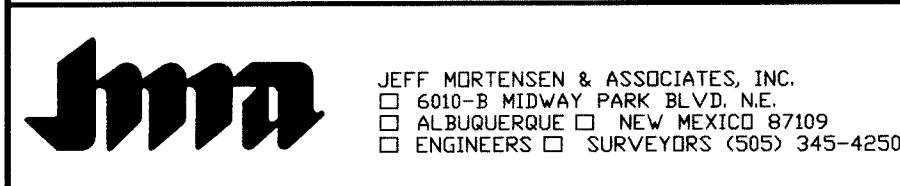
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Jeffrey G. Mortensen
NAME NO. 8547 Date 08-27-97



26-5498.81 10797

NOTE: PARKING LOT IMPROVEMENTS WERE IN PROGRESS AT THE TIME THESE PLANS WERE PREPARED. REFER TO SITE PLAN (SHEET 2 OF 3) FOR LIMIT AND CHARACTER OF THE SITE IMPROVEMENTS. FOR THE PURPOSES OF THIS PLAN, THESE IMPROVEMENTS WERE ASSUMED TO BE EXISTING AND CONSTRUCTED PER PLAN. SHOULD THE ACTUAL CONDITIONS DIFFER FROM THOSE SHOWN HEREON, 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.



**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP**

**TITLE: MONTEZUMA ELEMENTARY SCHOOL
WATERLINE EXTENSION PLAN AND PROFILE
STA. 9+42.00 TO STA. 11+15.00**

Design Review Committee	City Engineer Approval	Ms./Date/Tr.	Ms./Date/Tr.
APPROVE			
JUL 29 1997			
DESIGN REVIEW COMMITTEE			

AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	RODGER'S PLUMBING & HEATING	INSPECTOR	J.M.A.	DATE	08/97	NO.	90823	DATE	08/95	BY	JMA	DATE	08/95	BY	JMA
DATE	10/97	DATE	10/97	DATE	10/97	DATE	10/97	DATE	06/96	DATE	06/96	DATE	06/96	DATE	06/96
FIELD VERIFICATION BY	M.D.S.	FIELD VERIFICATION BY	M.D.S.	FIELD VERIFICATION BY	M.D.S.	FIELD VERIFICATION BY	M.D.S.	FIELD VERIFICATION BY	JMA	FIELD VERIFICATION BY	JMA	FIELD VERIFICATION BY	JMA	FIELD VERIFICATION BY	JMA
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