RECORD DRAWING

CONSTRUCTION PLANS FOR

ALBUQUERQUE PUBLIC SCHOOLS WATERLINE EXTENSIONS

JOHN ADAMS, TRUMAN & VAN BUREN MIDDLE SCHOOLS
VALLEY & WEST MESA HIGH SCHOOLS

ALBUQUERQUE, NEW MEXICO

JUNE, 1990

·LEGEND·

MATERIALS

CONCRETE
RIP·RAP

LINES

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

EARTHWORK

	EXISTING	NEW
CONTOUR LINE	25	25
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

INDEX OF DRAWINGS

1. COVER SHEET, GENERAL NOTES, LEGEND & INDEX OF DRAWINGS
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JOHN ADAMS MIDDLE SCHOOL (31415)

4. SITE PLAN
5. EASEMENT SURVEY
6. WATERLINE EXTENSION PLAN & PROFILE - LINE "A"
7. WATERLINE EXTENSION PLAN & PROFILE LINE "B", LINE "C", LINE "D", AND LINE "E"
8. WATER VALVE SHUTOFF PLAN, SECTIONS & DETAILS

TRUMAN MIDDLE SCHOOL (891812)

9. SITE PLAN
10. EASEMENT SURVEY
11. WATERLINE EXTENSION PLAN & PROFILE LINE "F" AND LINE "I"
12. WATERLINE EXTENSION PLAN & PROFILE LINE "G" AND LINE "H"
13. WATER VALVE SHUTOFF PLAN, SECTIONS & DETAILS

VAN BUREN MIDDLE SCHOOL (31285)

14. SITE PLAN
15. EASEMENT SURVEY
16. WATERLINE EXTENSION PLAN & PROFILE LINE "J", LINE "K", AND LINE "L"
17. WATER VALVE SHUTOFF PLAN, SECTIONS & DETAILS

VALLEY HIGH SCHOOL (871829)

18. SITE PLAN
19. EASEMENT SURVEY
20. WATERLINE EXTENSION PLAN & PROFILE LINE "M" AND LINE "N"
21. WATERLINE EXTENSION PLAN & PROFILE LINE "O" AND LINE "P"
22. WATER VALVE SHUTOFF PLAN, SECTIONS & DETAILS

WEST MESA HIGH SCHOOL (891816)

23. SITE PLAN
24. UNMETERED FIRE PROTECTION LINE MODIFICATIONS
25. WATER VALVE SHUTOFF PLAN, SECTIONS & DETAILS

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 · 8547 · REGISTERED PROFESSIONAL ENGINEER

Jeffrey G. Mortensen — 6-14-90
NMPE NO. 8547 — Date

GENERAL NOTES:

1. 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.
2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SERVICE, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
3. 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.
4. 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.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
6. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.
7. CONTRACTOR SHALL COMPLY WITH SECTION 19 OF THE "STANDARD SPECIFICATIONS".
8. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
9. BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
10. TACK COAT REQUIREMENTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE PROJECT ENGINEER.
11. SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
12. 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.
13. ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
14. 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.
15. 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.
16. 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.
17. 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.

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 12/21/90

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
1	1-25						

APPROVAL OF REVISIONS

2 6 4 1 1 1 . 9 0 0 1 9 0

CAUTION:

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.

SCANNED BY LASON

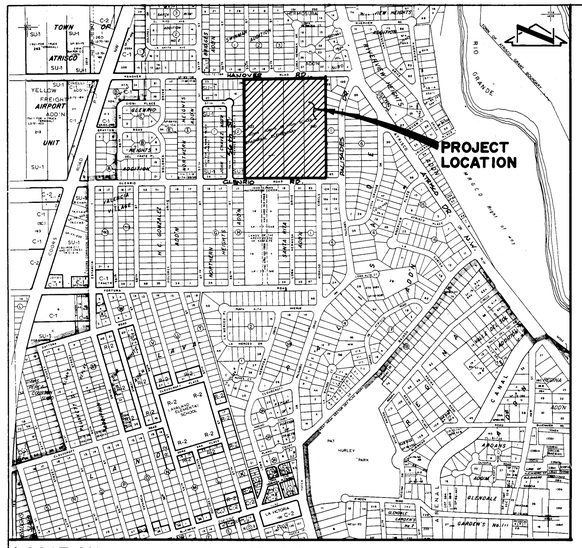
JEFFREY G. MORTENSEN · NEW MEXICO · 8547 · REGISTERED PROFESSIONAL ENGINEER
06-26-90

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

APPROVED FOR CONSTRUCTION
9-19-90 C.E.

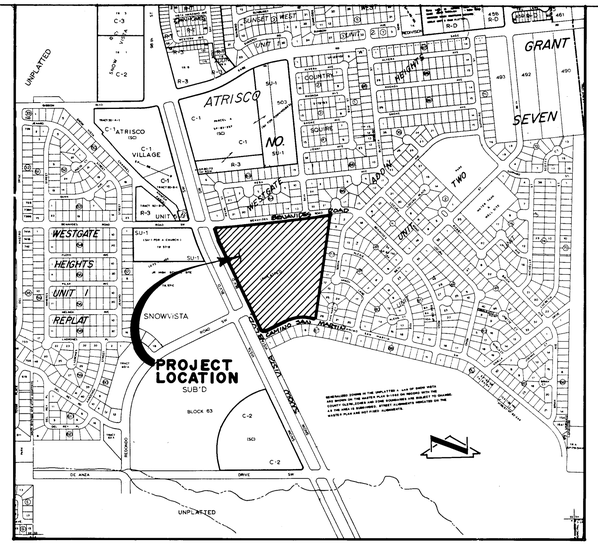
PROJECT NO. 4111.90

SHEET 1 OF 25



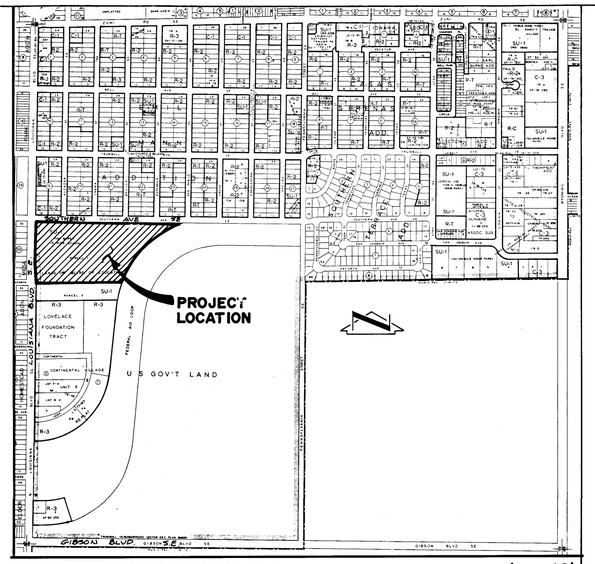
LOCATION MAP - JOHN ADAMS (J-11)

SCALE : 1" = 800' (APPROX.)



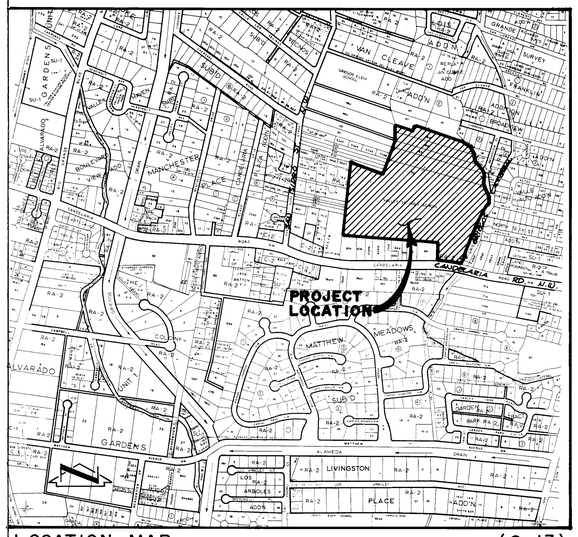
LOCATION MAP - TRUMAN (M-9)

SCALE : 1" = 800' (APPROX.)



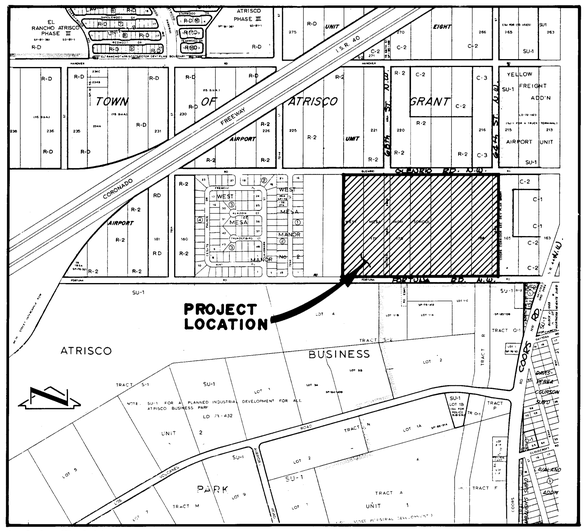
LOCATION MAP - VAN BUREN (L-19)

SCALE : 1" = 800' (APPROX.)



LOCATION MAP (G-13)

SCALE : 1" = 800' (APPROX.)



LOCATION MAP J-10)

SCALE : 1" = 800' (APPROX)

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.

Jeffrey G. Mortensen 4-90
NAME Date

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
1	10/90	AS-BUILT	J.G.M.

REVISIONS

DESIGNED BY J. G. M. DATE
DRAWN BY S. G. H. DATE
CHECKED BY J. G. M. DATE

AS BUILT INFORMATION
CONTRACTOR JONES INDUSTRIES
WORK STAKED BY J.M.A. DATE N/A
INSPECTORS ACCEPTANCE BY M.A.S. DATE 10/90
FIELD VERIFICATION BY M.A.S. DATE 10/90
DRAWINGS CORRECTED BY J.M.A. DATE 10/90
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER
06-26-90

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: JOHN ADAMS, TRUMAN & VAN BUREN MIDDLE SCHOOLS
VALLEY & WEST MESA HIGH SCHOOLS
LOCATION MAPS

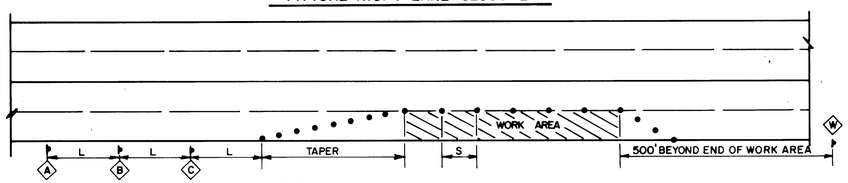
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIRMAN	Roger L. Green	7-18-90	WATER	R.W. Kane	7-16-90
TRANSPORTATION	[illegible]	7-17-90	WASTE WATER	R.W. Kane	7-16-90
HYDROLOGY	N/A				

PROJECT NO. 4111.90 | MAP NO. SEE ABOVE | SHEET 2 OF 25

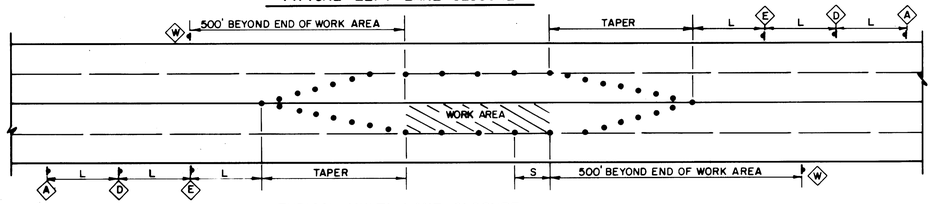
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 4 1 1 1 . 9 0 0 2 9 0

SCANNED BY LASON
891816
871829
891812
31285
31415

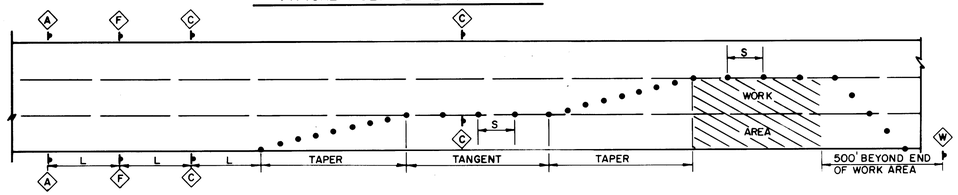
TYPICAL RIGHT LANE CLOSURE



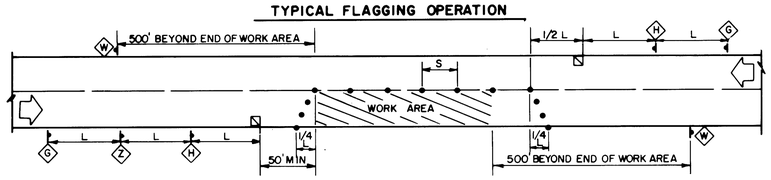
TYPICAL LEFT LANE CLOSURE



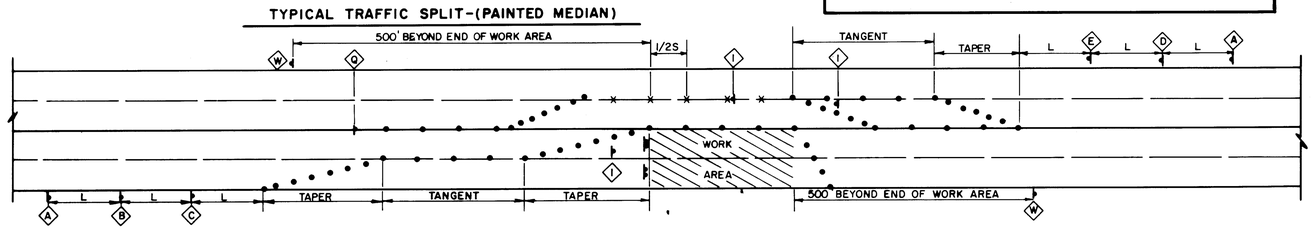
TYPICAL MULTI-LANE CLOSURE



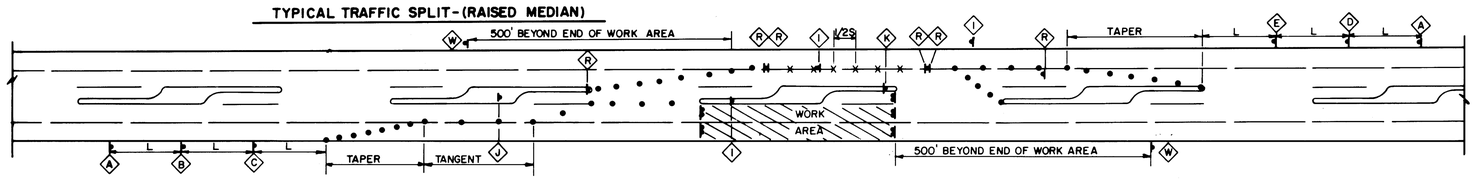
TYPICAL FLAGGING OPERATION



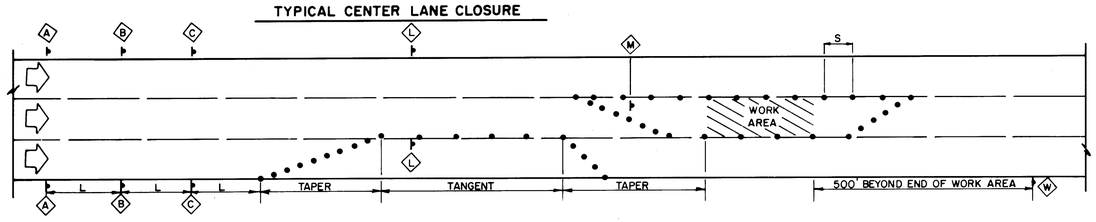
TYPICAL TRAFFIC SPLIT-(PAINTED MEDIAN)

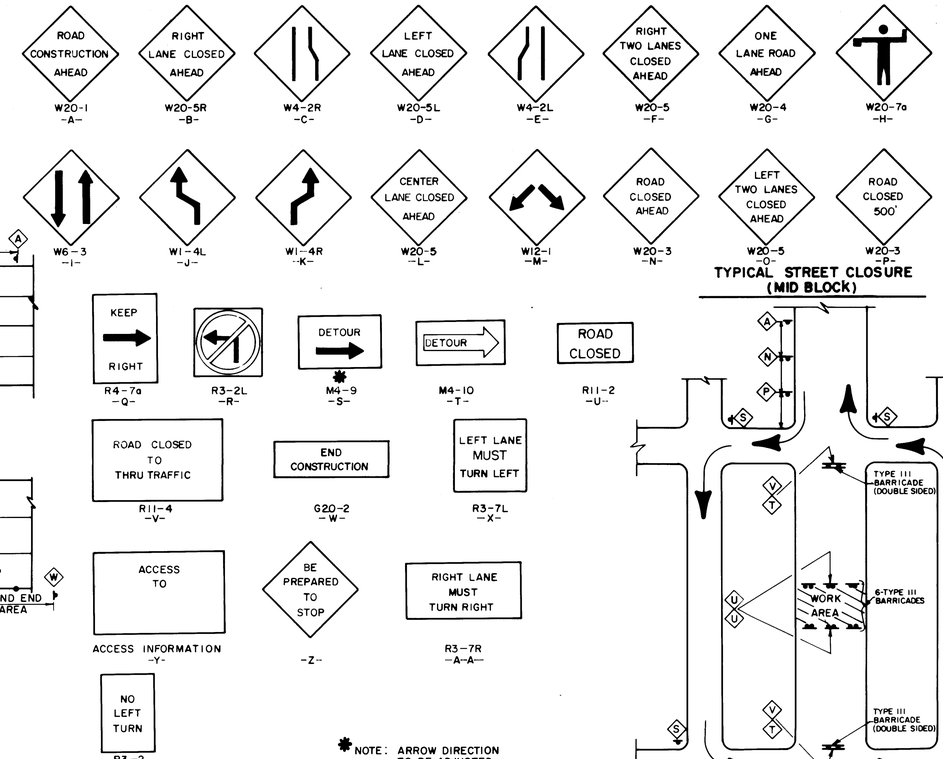


TYPICAL TRAFFIC SPLIT-(RAISED MEDIAN)



TYPICAL CENTER LANE CLOSURE

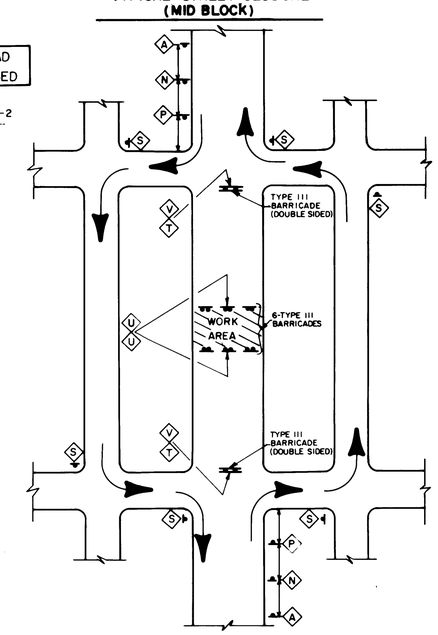




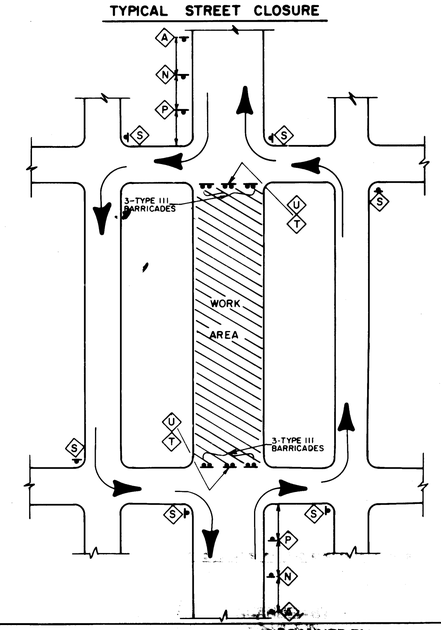
✱ NOTE: ARROW DIRECTION TO BE ADJUSTED AS NEEDED.

△ RECORD DRAWING

TYPICAL STREET CLOSURE (MID BLOCK)



TYPICAL STREET CLOSURE



LEGEND

- WORK AREA
- B_2 TRAFFIC SIGN & QUANTITY (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 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.

RECORD DRAWING △

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JEFFREY G. MORTENSEN — NEW MEXICO — 8547 — REGISTERED PROFESSIONAL ENGINEER

Jeffrey G. Mortensen 7-24-90
NMPE No. 8547 Date

TAPER REQUIREMENTS

SPEED LIMIT (MPH)	TAPER LENGTH (FEET) 10' LANE	11' LANE	12' LANE	MAXIMUM DISTANCE BETWEEN DEVICES (FEET)	MINIMUM NUMBER OF DEVICES REQUIRED
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

AS BUILT INFORMATION — CONTRACTOR JONES INDUSTRIES — WORK STAKED BY J.M.A. DATE N/A — INSPECTOR'S ACCEPTANCE BY M.A.S. DATE 10/90 — FIELD VERIFICATION BY M.A.S. DATE 10/90 — CORRECTED BY J.M.A. DATE 10/90 — MICRO-FILM INFORMATION — RECORDED BY — DATE — NO.

BENCH MARKS

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

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
△	10/90	AS-BUILT	J.G.M.

REVISIONS

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: ALBUQUERQUE PUBLIC SCHOOLS
1990 WATERLINE EXTENSIONS
TRAFFIC CONTROL DETAILS

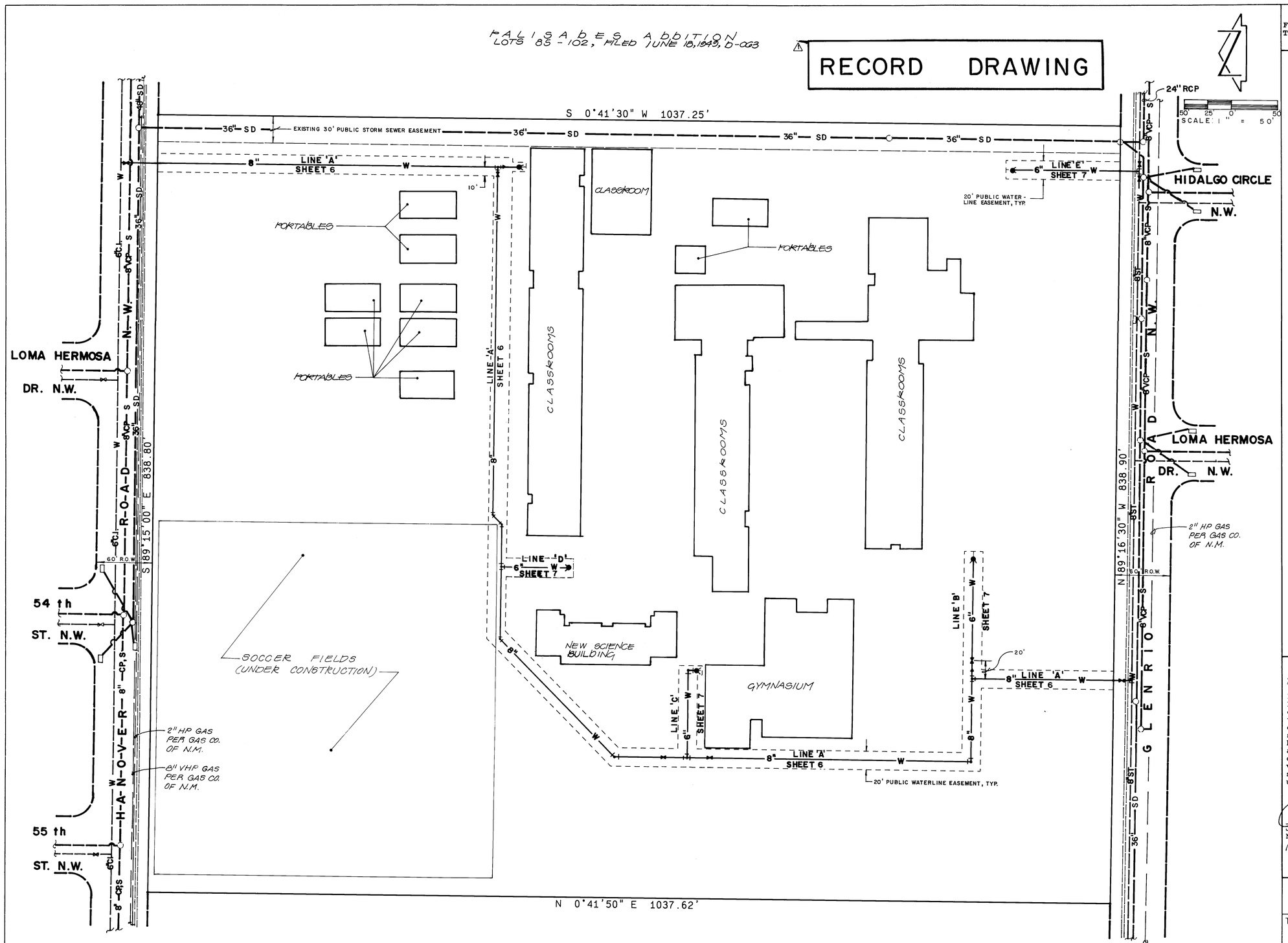
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIRMAN	Roger A. Green	7-18-90	WATER	R.W. Kane	7-16-90
TRANSPORTATION	[illegible]	7-17-90	WASTE WATER	R.W. Kane	7-16-90
HYDROLOGY	N/A				

PROJECT NO.	MAP NO.	SHEET	OF
4111.90	N/A	3	25

SCANNED BY BY LASON

PALISADES ADDITION
LOTS 85 - 102, FILED JUNE 18, 1949, D-053

RECORD DRAWING



JOHN I. CHAVEZ ADDITION
LOT 1-29

RECORD DRAWING

FOR CONSTRUCTION NOTES AFFECTING THIS SITE, REFER TO SHEET 8.

AS BUILT INFORMATION

CONTRACTOR JONES INDUSTRIES
WORK STAKED BY J.M.A. DATE 09/90
INSPECTOR'S ACCEPTANCE BY M.A.S. DATE 10/90
FIELD VERIFICATION BY M.A.S. DATE 10/90
DRAWINGS CORRECTED BY J.M.A. DATE 10/90
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS

AN A.C.S. BENCHMARK, NO. 4-111; A CHISELED "X" ON THE N.W. BONNET BOLT OF A FIRE HYDRANT @ THE INTERSECTION OF GLENRIO RD. N.W. & PALISADES DR. N.W.
ELEVATION - 5082.281 FEET (MSLD)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER
6-26-90

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
8-14-90
Date

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
1	10/90	AS-BUILT	J.G.M.

REVISIONS

DESIGN

		DATE
DESIGNED BY	J.G.M.	12/89
DRAWN BY	J.M.C.	12/89
CHECKED BY	J.G.M.	12/89

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:
JOHN ADAMS MIDDLE SCHOOL
SITE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman	Roger D. Green	7-18-90	Water	R.W. Kane	7-16-90
Transportation	R. Bryant	7-17-90	Waste Water	R.W. Kane	7-16-90
Hydrology	N/A				

PROJECT NO.	MAP NO.	SHEET	OF
4111.90	J-11	4	25

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

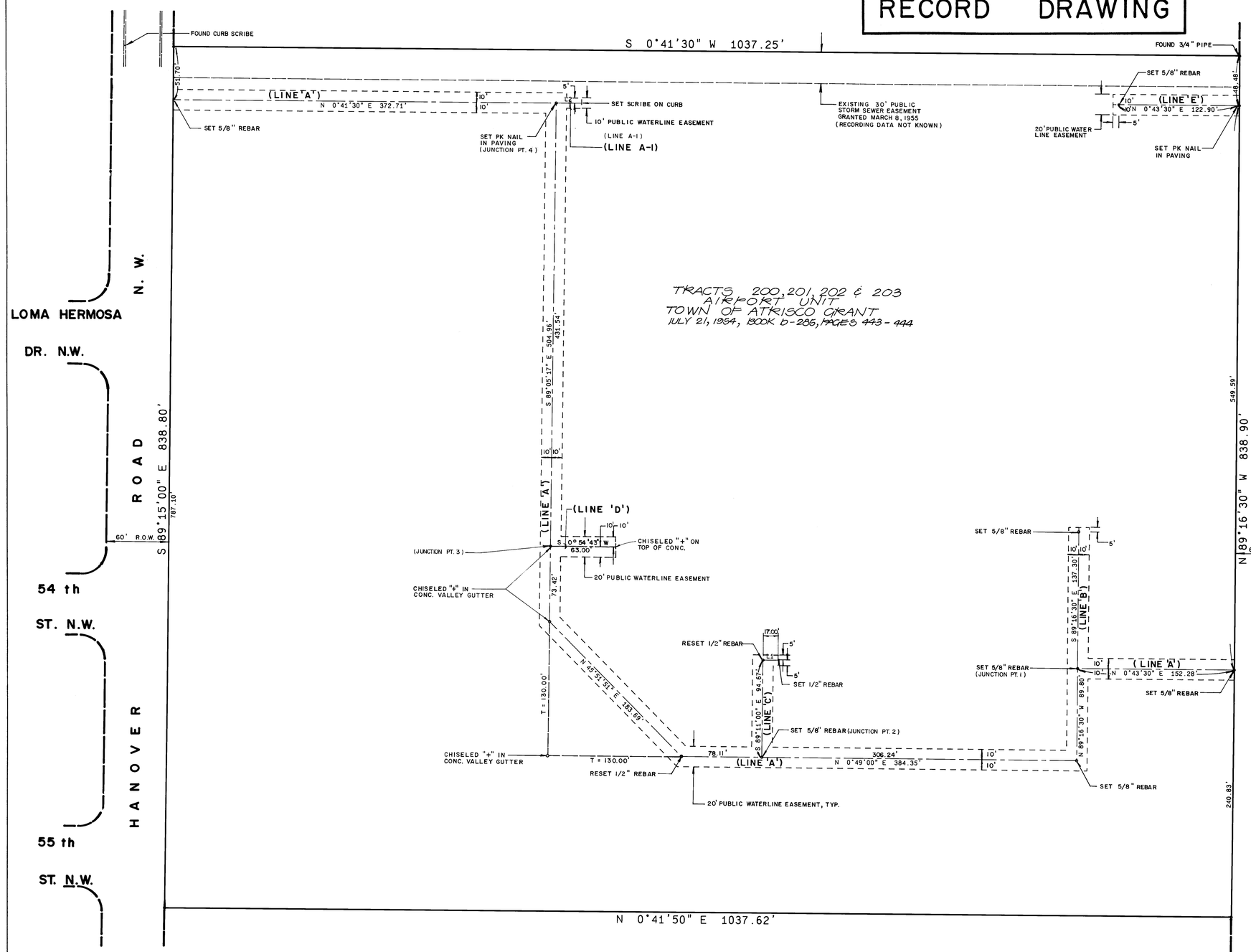
31415

SCANNED BY
BY LASON

LINE	BEARING	DISTANCE
L1	S 0°49'00" W	17.00
L2	S 0°41'30" W	24.60

PALISADES ADDITION
LOTS 85 - 102, FILED JUNE 18, 1949, D-003

RECORD DRAWING



JOHN I. CHAVEZ ADDITION
LOT 1 - 29, FILED

RECORD DRAWING

SCALE: 1" = 50'

NOTES:

1. BEARING BASE IS DEED FILED JULY 21, 1954, BOOK D-285, PAGES 443-444.
2. FIELD SURVEY PERFORMED ON DECEMBER 4, 1989.
3. EASEMENT FILED ON SEPTEMBER 21, 1990, BOOK 90-15, PAGES 7110 - 7113, DOC. # 9073812.

AS BUILT INFORMATION

CONTRACTOR	JONES INDUSTRIES	
WORK STAKED BY	J.M.A.	DATE 09/90
INSPECTOR'S FIELD TIE BY	M.A.S.	DATE 10/90
VERIFICATION BY	M.A.S.	DATE 10/90
CORRECTED BY	J.M.A.	DATE 10/90
RECORDED BY	MICRO-FILM INFORMATION	
NO	DATE	

BENCH MARKS

AN A.C.S. BENCHMARK, NO. 4-111; A CHISELED "X" ON THE N.W. BONNET BOLT OF A FIRE HYDRANT @ THE INTERSECTION OF GLENRIO RD. N.W. PALISADES DR. N.W.
ELEVATION = 5092.931 FEET (M.S.L.D.)

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE

SURVEYOR'S SEAL

REGISTERED LAND SURVEYOR, STATE OF NEW MEXICO, No. 5242, WILLIAM P. PHILLIPS, 6-25-90

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 10-4-90

JEFFREY G. MORTENSEN, NEW MEXICO, 8547, REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
1	10/90	AS-BUILT	J.G.M.

REVISIONS

DESIGNED BY	J.G.M.	DATE 12/89
DRAWN BY	J.M.C.	DATE 12/89
CHECKED BY	J.G.M./W.D.P.	DATE 12/89

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: JOHN ADAMS MIDDLE SCHOOL

EASEMENT SURVEY

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman	Roger Lewis	7-18-90	Water	R.W. Kane	7-16-90
Transportation	R.J. Trujillo	7-17-90	Waste Water	R.W. Kane	7-16-90
Hydrology	N/A				

PROJECT NO.	MAP NO.	SHEET	OF
4111.90	J-11	5	25

31415

RECORD DRAWING

MATCH LINE STA. 12+42.08

NEATLY SAWCUT, REMOVE, DISPOSE AND REPLACE EXIST. RESIDENTIAL PAVEMENT PER C.O.A. STD. DWG. 2465.

20' PUBLIC WATER-LINE EASEMENT

STA. 10+00 LINE "A" = PROPERTY LINE

EXISTING 10' CHAINLINK FENCE

CONC. BASKETBALL COURT

STA. 12+42.08 INSTALL: 1-8" 90° ELL & CONC. BLOCKING

N 00°43' 30" E 152.28

NEATLY SAWCUT & REMOVE, DISPOSE OF & REPLACE EXIST. SIDEWALK & STD. CURB & GUTTER STA. 9+80±

INSTALL: 1-NON PRESSURE CONNECTION
1-8"x8"x8" TEE & CONC. BLKG.
1-8" GATE VALVE
1-TYPE 'A' VALVE BOX
2-8" TRANSITION COUPLINGS

EXIST. 5' CHAINLINK FENCE

EXISTING 6' SIDEWALK

STA. 11+52.28 LINE "A" = STA. 10+00.00, LINE "B"
INSTALL: 1-8"x8"x8" TEE & CONC. BLKG.
FOR CONTINUATION OF LINE 'B', SEE SHEET 7.

GLENRIO ROAD N.W.

60' R/O/W

LINE "A"

MATCH LINE STA. 12+42.08

STA. 12+42.08 1-8" 90° ELL & CONC. BLKG.

25.8 STA. 15+~~23.38~~ INSTALL: 1-8" GATE VALVE & TYPE 'B' VALVE BOX

STA. 16+26.43 INSTALL: 1-8" 45° ELL & CONC. BLKG.

ANTI-SIPHON SPRINKLER VALVE (2")

SPRINKLER CONTROL BOX

EXIST. 5' CHAINLINK FENCE

N 00°49' 00" E 306.24'

384.35'

102'

78.11'

20' PUBLIC WATERLINE EASEMENT

EXISTING BLDG.

SPRINKLER VAULT

EXIST. 8' CHAINLINK FENCE

STA. 15+48.32 LINE "A" = STA. 10+00.00 LINE "C"
INSTALL: 1-8"x8"x8" TEE & CONC. BLKG.

STA. 15+73.32 INSTALL: 1-8" GATE VALVE & TYPE 'B' VALVE BOX.

LINE "C" FOR CONTINUATION SEE SHEET 7.

WARNING:
IRRIGATION & OTHER UNDERGROUND LINES ARE REPORTED TO CROSS THE NEW WATERLINE ALIGNMENT; ALL CONTRACTORS SHALL EXCAVATE IN THIS AREA WITH CARE SO AS NOT TO DISRUPT EXISTING SERVICE.

LINE "A"

MATCH LINE STA. 16+26.43

STA. 16+26.43 1-8" - 45° ELL & CONC. BLKG.

20' PUBLIC WATERLINE EASEMENT

N 45° 51' 51" E 183.69'

05.88 STA. 18+~~07.12~~ INSTALL: 1-8" 45° ELL & CONC. BLOCKING

LINE "A"

MATCH LINE STA. 18+10.12 FOR CONTINUATION SEE BELOW

FOR CONSTRUCTION NOTES AFFECTING THIS SHEET, REFER TO SHEET 8

HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 10'

5100 / 5090 / 5080 / 5070

EXISTING GRADE @ CENTERLINE

3' MIN. COVER

NEW 8" PVC-C900 WATERLINE

STA. 11+00 INV. = 81.5

STA. 11+52.28 INV. = 81.5 (FIELD VERIFY)

EXISTING 36" STORM DRAIN

EXISTING 8" VCP SEWER

STA. 12+00 INV. = 81.5

STA. 13+00 INV. = 81.5

STA. 14+00 INV. = 81.5

STA. 16+00 INV. = 81.8

STA. 17+00 INV. = 81.5

STA. 18+00 INV. = 81.5

VERTICAL POINTS

IDENTICAL POINTS

STA. 24+70± G. GLENRIO ROAD N.W.

STA. 10+00 = U. ROW. LINE

STA. 11+52.28 LINE "B" FOR PROFILE SEE SHEET 7.

MATCH LINE STA. 12+42.08

MATCH LINE STA. 16+26.43

MATCH LINE STA. 18+10.12 FOR CONTINUATION SEE BELOW

LINE "C" FOR PROFILE SEE SHEET 7

10+00 / 11+00 / 12+00 / 13+00 / 14+00 / 15+00 / 16+00 / 17+00 / 18+00

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.

Jeffrey G. Mortensen 6-26-90
NMPE No. 8547 Date

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

MATCH LINE STA. 18+10.12

SOCCER FIELD UNDER CONSTRUCTION

STA. 18+10.12

NEATLY SAWCUT, REMOVE & DISPOSE OF EXISTING PRIVATE PAVING; REPLACE PER TYPICAL SECTION, SHEET 8.

EXIST. 6" HEADER CURB

BRICK WALL

EXISTING 8' CHAINLINK FENCE

0.7' DIA. PINE TREE

1.5' DIA. TREES

EXIST. 5' CHAINLINK FENCE @ B.C.

STA. 19+38 (5' LT.) INSTALL: 1-8" 45° ELL. & CONC. BLKG.

STA. 19+30 (3' RT.) INSTALL: 1-8" 45° ELL & CONC. BLKG.

20' PUBLIC WATERLINE EASEMENT

STA. 23+10.0 (5' LT.) INSTALL: 1-8" GATE VALVE & TYPE 'A' VALVE BOX.

S 89°05' 17" E 73.42'

504.98' 431.54'

6" WATERLINE

ASPHALT WALK

EXIST. CLEANOUT

TC. 95.95 FL. 95.45

EXIST. 3' CONC. MOW STRIP

CLEANOUT IN 3.0 DIA. CONC.

NEATLY SAWCUT, REMOVE & DISPOSE OF EXIST. PRIVATE SIDEWALK; REPLACE PER TYPICAL SECTION SHEET 8

2-CLEANOUTS

6.0' CONCRETE SIDEWALK

BRICK WALL

ASPHALT PATH

STA. 18+83.54 LINE "A" = STA. 10+00.00, LINE "D"

STA. 18+83.54 (3' RT.) LINE "A" = STA. 10+03 LINE "D"
INSTALL: 1-8"x8"x6" TEE & CONC. BLKG.
FOR CONT., SEE SHEET 7.

"TUNNEL" BENEATH EXIST. WALL; CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WALL REPAIRS & RESTORATION IF DAMAGE OCCURS. THIS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.

STA. 23+15.08 (196' RT.) INSTALL: 1-FIRE HYDRANT (5' BURY)
1-12" FIRE HYDRANT EXTENSION
W/3x3x6" CONC. PAD
PER C.O.A. STD. DWG. 2340
FLANGE ELEV. @ 50.00 96.18
BOLLARDS PER DETAIL

BACK OF EASEMENT @ 24.60 RT.

LINE "A"

MATCH LINE STA. 23+15.08 (BACK)

STA. 23+15.08 (BACK) 1-8"x8"x8" TEE & CONC. BLKG.
1-8"x6" REDUCER (S. LEG)

STA. 23+20.08 (AHEAD) 1-8"x8"x8" TEE & CON. BLKG.

NEATLY SAWCUT, REMOVE & DISPOSE OF EXIST. PRIVATE PAVING; REPLACE PER TYPICAL SECTION, SHEET 8.

STA. 27+28± 1 NON-PRESSURE CONNECTION
INSTALL: 1-8"x8"x8" TEE & CONC. BLKG.
1-8" GATE VALVE
1-TYPE 'A' VALVE BOX
2-8"x6" REDUCERS
1-6" SOLID SLEEVE

20' PUBLIC WATERLINE EASEMENT

BACK STOP

5' CHAINLINK FENCE

N 00°24' 30" E

5' CHAINLINK FENCE

3' CHAINLINK FENCE

FENCE @ B.C.

TRAFFIC SIGN

ASPHALT

36" SD

TC. 95.58 FL. 95.10

NEATLY SAWCUT, REMOVE, DISPOSE & REPLACE EXIST. CURB & GUTTER (PRIVATE)

STA. 26+87.79

60' R.O.W.

EXIST. SIDEWALK

GLENRIO ROAD N.W.

HANOVER ROAD N.W.

NEATLY SAWCUT, REMOVE, DISPOSE OF & REPLACE EXISTING RESIDENTIAL PAVEMENT PER C.O.A. STD. DWG. 2465.

TC. 94.33 FL. 93.69 BSW. 94.45

NEATLY SAWCUT, REMOVE, DISPOSE OF & REPLACE EXIST. SIDEWALK & STD. CURB AND GUTTER.

FOR CONSTRUCTION NOTES AFFECTING THIS SHEET, REFER TO SHEET 8

HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 10'

LINE "A"

5100 / 5090 / 5080 / 5070

EXISTING GRADE @ CENTERLINE

3' MIN. COVER

STA. 22+00 INV. = 81.5

STA. 23+00 INV. = 80.0

STA. 23+49 INV. = 80.0

NEW 8" PVC-C900 WATERLINE

STA. 24+00 INV. = 80.0

STA. 25+00 INV. = 80.0

STA. 26+00 INV. = 80.0

STA. 27+28± INV. = 80.0 (FIELD VERIFY)

EXISTING 30" S.D.

EXISTING 8" VCP SEWER

STA. 27+17.79 = @ HANOVER RD. N.W.

MATCH LINE STA. 18+10.12 FOR CONTINUATION SEE ABOVE

LINE "B" FOR PROFILE SEE SHEET 7

MATCH LINE STA. 23+15.08 (BACK)

18+00 / 19+00 / 20+00 / 21+00 / 22+00 / 23+00 / 23+00 / 24+00 / 25+00 / 26+00 / 27+00

RECORD DRAWING

3/415

APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE

AS BUILT INFORMATION

CONTRACTOR JONES INDUSTRIES

WORK STAKED BY J.M.A. DATE 09/90

INSPECTORS ACCEPTANCE BY M.A.S. DATE 10/90

FIELD LOCATION BY M.A.S. DATE 10/90

DRAWINGS CORRECTED BY J.M.A. DATE 10/90

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

AN A.C.S. BENCHMARK, NO. 4-111: A CHISEL-BOX ON THE N.W. BONNET BOLT OF A FIRE HYDRANT @ THE INTERSECTION OF GLENRIO RD. N.W. & PALISADES DR. N.W.
ELEVATION = 5022.983 FEET (M.S.L.D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

6-26-90

NO.	DATE	REMARKS
1	10/90	AS-BUILT

REVISIONS

DESIGNED BY	J.G.M.	DATE	2/90
DRAWN BY	J.M.C.	DATE	2/90
CHECKED BY	J.G.M.	DATE	6/90

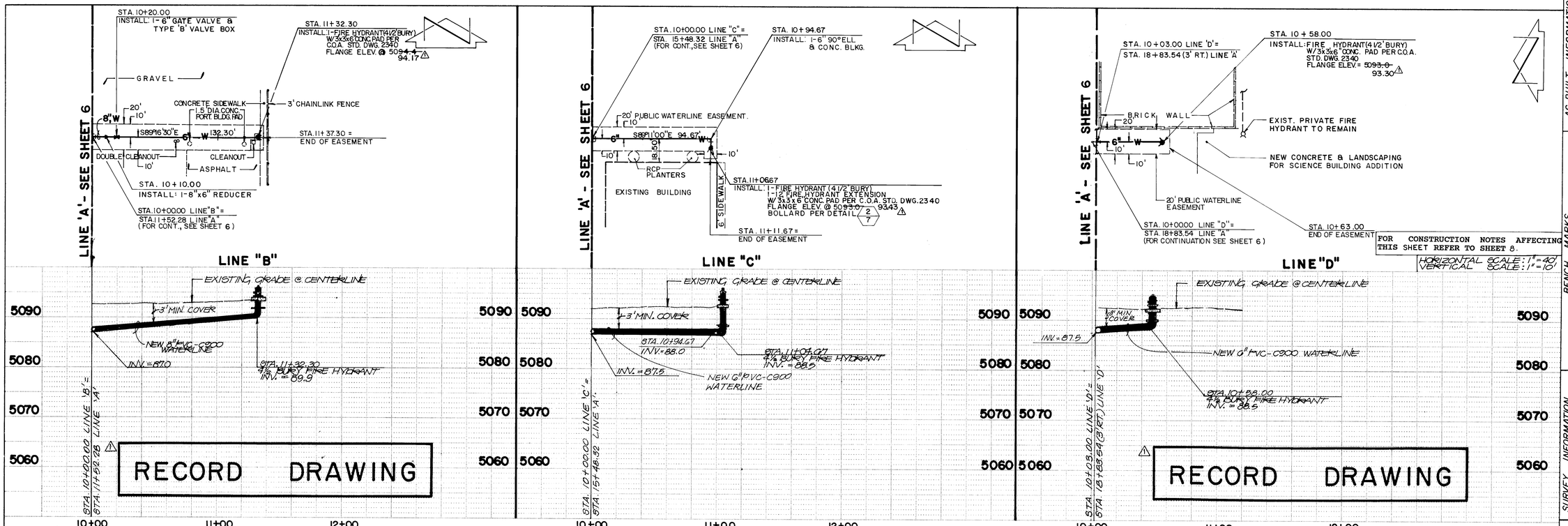
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

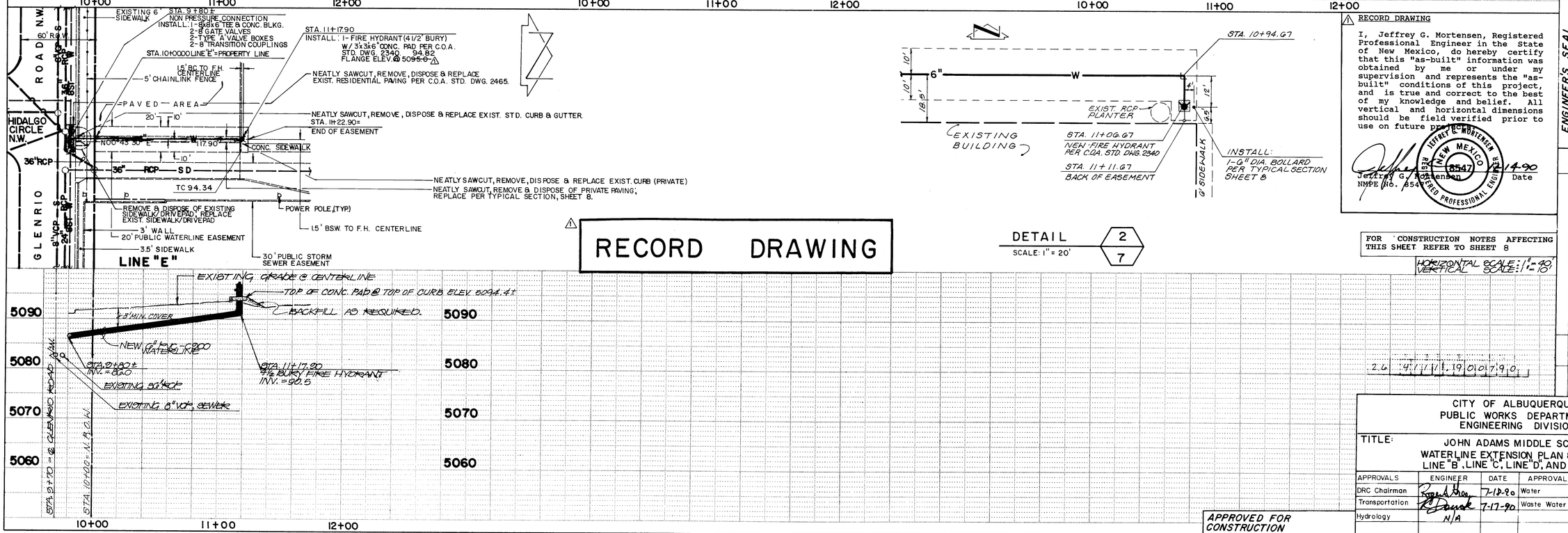
TITLE: JOHN ADAMS MIDDLE SCHOOL
WATERLINE EXTENSION PLAN & PROFILE
LINE "A"

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chairman	Roger Larson	7-18-90	Water	R.W. Kane	7-16-90
Transportation	R.J. Lewis	7-17-90	Waste Water	R.W. Kane	7-16-90
Hydrology	N/A				

PROJECT NO.	MAP NO.	SHEET	OF
4111.90	J-11	6	25

SCANNED BY BY LASON





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 — 6-14-90
NMPE No. 8547 — Date

JEFFREY G. MORTENSEN — NEW MEXICO — 8547 — REGISTERED PROFESSIONAL ENGINEER

AS BUILT INFORMATION

CONTRACTOR: JONES INDUSTRIES
WORK STAKED BY: HARTFORD — DATE 09/90
INSPECTED & ACCEPTANCE BY: M.A.S. — DATE 10/90
FIELD DRAWINGS CORRECTED BY: J.M.A. — DATE 10/90
MICRO-FILM INFORMATION — RECORDED BY — DATE — NO.

BENCH MARKS

AN A.C.S. BENCHMARK, NO. 4-111.1 A CHISEL ED 'X' ON THE N.W. BONNET BOLT OF A FIRE HYDRANT @ THE INTERSECTION OF GLENRIO RD. N.W. & PALISADES DR. N.W.
ELEVATION = 5022.381 FEET (M.S.L. D)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JEFFREY G. MORTENSEN — NEW MEXICO — 8547 — REGISTERED PROFESSIONAL ENGINEER — 6-26-90

NO.	DATE	REMARKS	BY
1	10/90	AS-BUILT	J.G.M.

REVISIONS

		DATE
DESIGN		2/90
DESIGNED BY	J.G.M./J.M.C.	DATE 2/90
DRAWN BY	J.M.C.	DATE 6/90
CHECKED BY	J.G.M.	

2.6 4 1 1 1.9 0 0 1 7 9 0

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: JOHN ADAMS MIDDLE SCHOOL
WATERLINE EXTENSION PLAN & PROFILE
LINE "B", LINE "C", LINE "D", AND LINE "E"

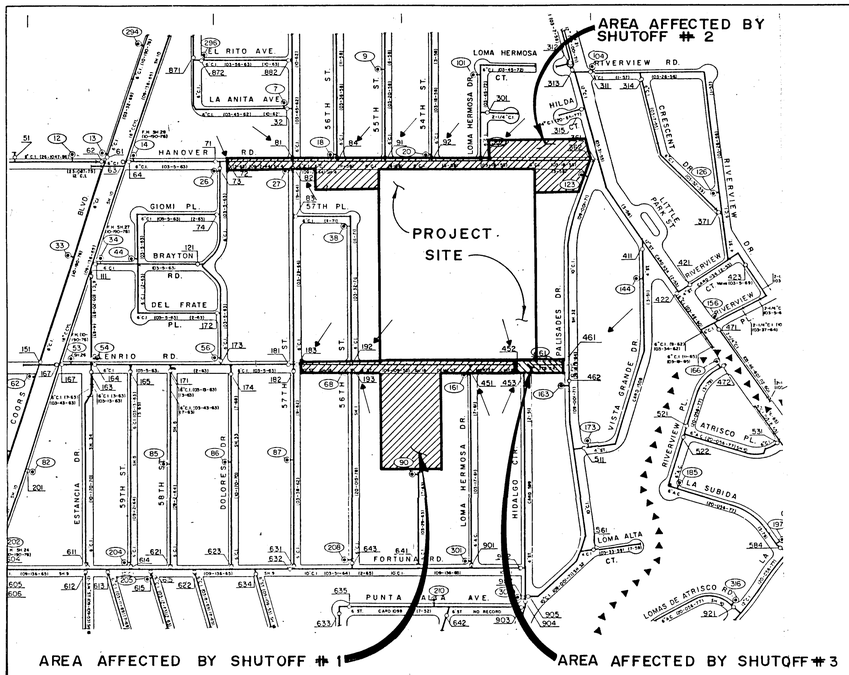
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chairman		7-12-90	Water	R.W. Kane	7-16-90
Transportation		7-17-90	Waste Water	R.W. Kane	7-16-90
Hydrology	N/A				

APPROVED FOR CONSTRUCTION
CITY ENGINEER — DATE

PROJECT NO.	MAP NO.	SHEET	OF
4111.90	J-11	7	25

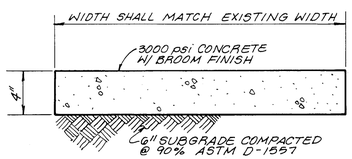
31415

SCANNED BY



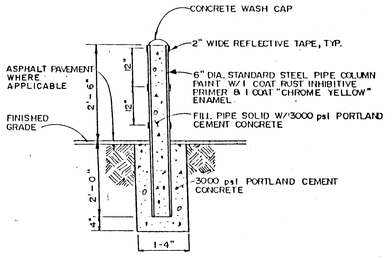
JOHN ADAMS WATER VALVE SHUTOFF PLAN

SCALE: 1" = 400' (APPROX)



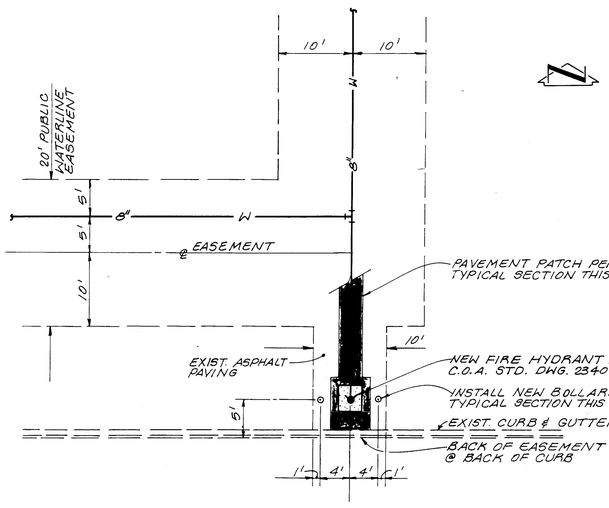
TYPICAL PRIVATE SIDEWALK REPLACEMENT SECTION

N.T.S.



BOLLARD SECTION

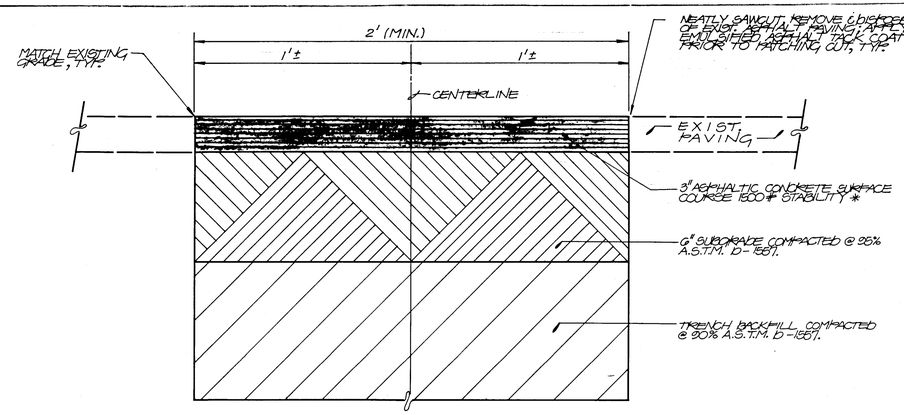
SCALE: 1" = 2'



DETAIL

SCALE: 1" = 10'

1/6



* SUBSTITUTE 2" THICKNESS IN NON-TRAFFIC AREAS.

TYPICAL PRIVATE PAVING UTILITY CUT & PAVEMENT REPLACEMENT SECTION

SCALE: 1" = 4'

RECORD DRAWING

NOTES:

1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM 260-1990, FOR LOCATION OF EXISTING UTILITIES.

2. 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.

3. 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.

4. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUILDINGS AND ADJACENT PROPERTIES DURING CONSTRUCTION.

5. THE 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 AND MAINTAINING TEMPORARY BERMS AT THE PROPERTY LINES AND WETTING THE SOIL TO KEEP IT FROM BLOWING.

6. 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.

7. IF THE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK, AND/OR PAVING IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. WHEN ABUTTING NEW PAVEMENT TO EXISTING, THE CONTRACTOR SHALL CUT BACK THE EXISTING PAVING TO A STRAIGHT LINE IN ORDER TO REMOVE ANY BROKEN OR CRACKED PAVEMENT. CURB AND GUTTER AND/OR PAVEMENT SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT AND WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFELY OBTAINING THE REQUIRED COMPACTION. THE CONTRACTOR SHALL SELECT AND USE METHODS WHICH SHALL NOT BE INJURIOUS OR DAMAGING TO THE EXISTING FACILITIES AND STRUCTURES WHICH SURROUND THE WORK AREAS.

9. THE CONTRACTOR SHALL CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS IN ORDER TO PRESERVE THE EXISTING IMPROVEMENTS AND SO AS NOT TO INTERFERE WITH THE OPERATIONS OF THE EXISTING FACILITIES.

10. WHERE THE NEW WATERLINE CROSSES UNDER EXISTING FENCES, THE CONTRACTOR SHALL TUNNEL UNDER THE FENCE IN ORDER TO TRENCH AND INSTALL THE NEW WATERLINE. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO THE FENCE DURING THE CONSTRUCTION PERIOD AND SHALL REPAIR AND/OR REPLACE THE FENCE, IF NECESSARY, AT HIS EXPENSE AND AT NO ADDITIONAL COST TO THE OWNER. ALL REPAIRS OR REPLACEMENT OF EXISTING FENCING SHALL BE EQUAL TO OR BETTER THAN THE EXISTING CONDITION OF THE FENCE.

11. ANY EXISTING TREES FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. THIS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.

12. SEVENTY-TWO (72) HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ON EACH OF THE SITES, THE CONTRACTOR SHALL NOTIFY THE OWNER OF HIS INTENT TO BEGIN CONSTRUCTION. CONTACT MR. BOB ROBIE, FACILITIES, PLANNING AND CONSTRUCTION, 242-5865.

13. WHERE EXISTING FIRE HYDRANTS ARE TO BE REMOVED AND RELOCATED, THE CONTRACTOR SHALL COORDINATE THIS WORK WITH THE OWNER SO THAT SCHOOL OPERATIONS ARE NOT ADVERSELY IMPACTED AND THE NECESSARY PRIVATE WATERLINE SHUTOFFS CAN BE ACCOMPLISHED. CONTACT MR. KEITH RUTHERFORD, MAINTENANCE AND OPERATIONS, 765-5950.

14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE REPAIR OF ANY EXISTING FACILITIES, STRUCTURES, OR UTILITIES DAMAGED BY CONSTRUCTION. REPAIRS SHALL BE MADE AT THE SOLE EXPENSE OF THE CONTRACTOR AND AT NO ADDITIONAL COST TO THE OWNER.

15. WHERE WATER AND SANITARY SEWER LINES CROSS THE SANITARY SEWER LINE SHALL BE CONCRETE ENCASED FOR A DISTANCE OF 10 FEET EACH SIDE OF THE CROSSING IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.

16. ELECTRONIC MARKER DISKS (EMD'S) SHALL BE PLACED ABOVE ALL FITTINGS IN ACCORDANCE WITH SECTION 170 OF THE "STANDARD SPECIFICATIONS".

17. IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18 INCHES ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.

18. VALVE STEM EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF THE VALVE STEM EXTENSIONS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.

31415

SCANNED BY LASER

JOHN ADAMS WATER VALVE SHUTOFF PLAN NOTES:

1. AS A MINIMUM, THE FOLLOWING VALVES SHALL BE CLOSED TO EFFECT THE RESPECTIVE SHUTOFFS:

   A. SHUTOFF #1 (CONNECTION IN GLENRIO RD. N.W. - LINE A): VALVES 183, 192, 193, 451 & 452.

   B. SHUTOFF #2 (CONNECTION IN HANOVER RD. N.W.): VALVES 72, 81, 82, 84, 91, 92, 351 & 362.

   C. SHUTOFF #3 (CONNECTION IN GLENRIO RD. N.W. - LINE E): VALVES 452, 453 & 461.

2. THE CONTRACTOR SHALL NOTIFY WATER SYSTEMS, THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING WATERLINES; ALL SHUTOFFS SHALL BE PERFORMED BY THE WATER SYSTEM DIVISION PERSONNEL.

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 WATER SECTIONAL MAP J-11N.

AS BUILT INFORMATION

CONTRACTOR	JONES INDUSTRIES	
WORK STAKED BY	J.M.A.	DATE 09/90
INSPECTORS ACCEPTANCE BY	M.A.S.	DATE 10/90
FIELD VERIFICATION BY	M.A.S.	DATE 10/90
DRAWINGS CORRECTED BY	J.M.A.	DATE 10/90

BENCH MARKS

AN ACS BENCHMARK, NO. 4-J11; A CHISEL-ED "X" ON THE N.W. BONNET BOLT OF A FIRE HYDRANT @ THE INTERSECTION OF GLENRIO RD. N.W. AND PALISADES DR. N.W.
ELEVATION = 5092.93 (FEET) (M.S.L.D.)

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO	

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER
06-26-90

NO.	DATE	REMARKS	BY
1	10/90	AS-BUILT	J.G.M.

REVISIONS

DESIGNED BY	J.G.M.	DATE 2/90
DRAWN BY	J.H.C.	DATE 2/90
CHECKED BY	J.G.M.	DATE 6/90

216 4111.90 0189

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 6-26-90
NMPE No. 8547 Date

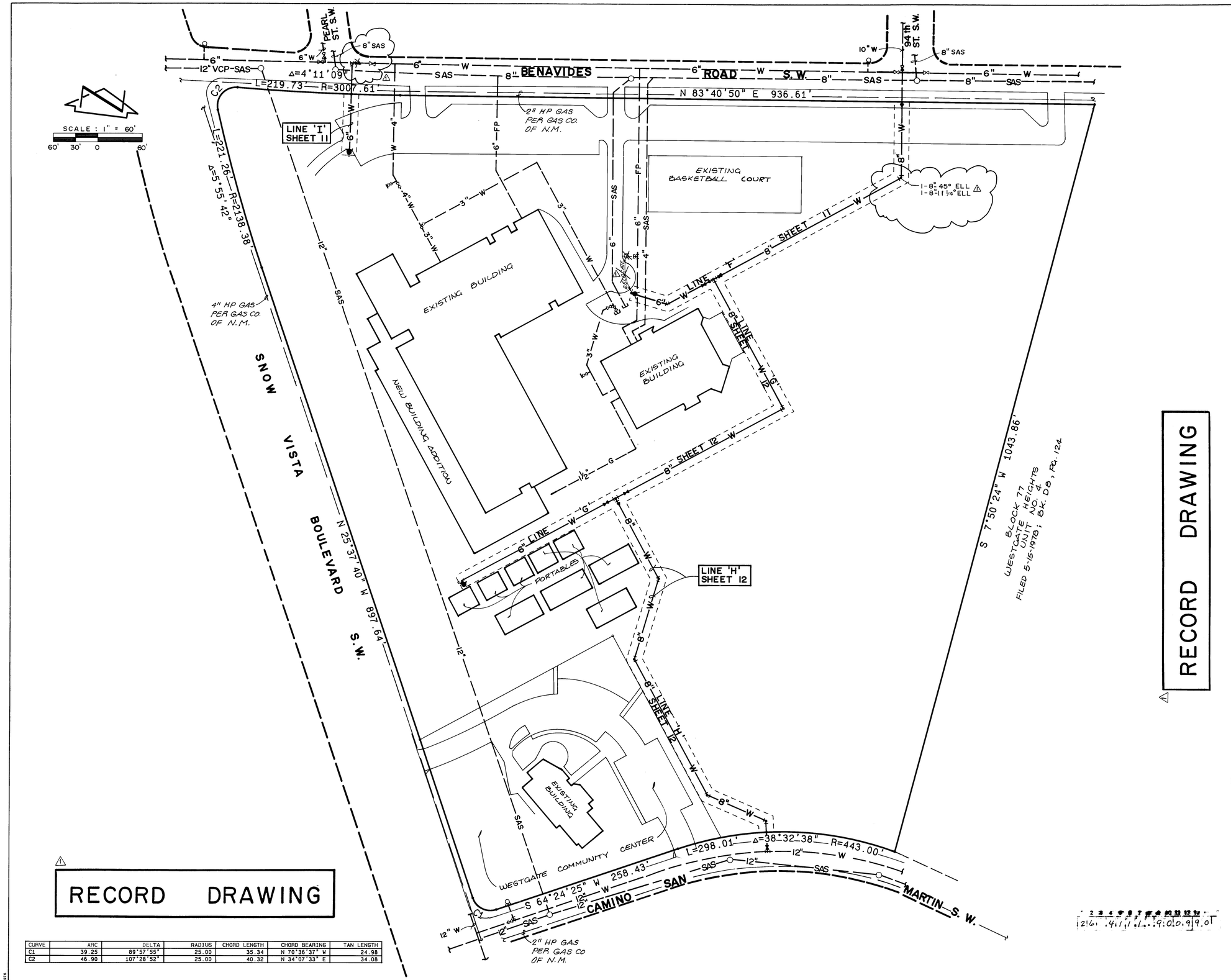
JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: JOHN ADAMS MIDDLE SCHOOL
WATER VALVE SHUTOFF PLAN, SECTIONS & DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman	Roger Amen	7-18-90	WATER	R.W. Kane	7-16-90
Transportation	R. Bourk	7-17-90	WASTE WATER	R.W. Kane	7-16-90
Hydrology	N/A	—			

PROJECT NO.	MAP NO.	SHEET	OF
4111.90	J-11	8	25



RECORD DRAWING

CURVE	ARC	DELTA	RADIUS	CHORD LENGTH	CHORD BEARING	TAN LENGTH
C1	39.25	89°57'55"	25.00	35.34	N 70°36'37" W	24.98
C2	46.90	107°28'52"	25.00	40.32	N 34°07'33" E	34.08

RECORD DRAWING

FOR CONSTRUCTION NOTES AFFECTING THIS SITE, REFER TO SHEET 13

AS BUILT INFORMATION

CONTRACTOR JONES INDUSTRIES
WORK STAKED BY J.H.A. DATE 09/90
INSPECTORS ACCEPTANCE BY M.A.S. DATE 10/90
FIELD VERIFICATION BY M.A.S. DATE 10/90
DRAWINGS CORRECTED BY J.H.A. DATE 10/90
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS

AN "X" CUT ON THE N.E. BONNET BOLT OF THE FIRE HYDRANT LOCATED ON THE WEST SIDE OF 98TH ST. S.W. 150' NORTH OF THE INTERSECTION OF GIBBON BLVD. & S.W. & 98TH ST. S.W. (CITY OF ALB. B.M. 5-M9.)
ELEVATION = 5680.92 (M.S.L.D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER
06-26-90

NO.	DATE	REMARKS	BY
1	10/90	AS-BUILT	J.G.M.

REVISIONS

DESIGN

DESIGNED BY J.G.M. DATE 3/90
DRAWN BY S.B.H./J.N.C DATE 3/90
CHECKED BY J.G.M. DATE 6/90

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 6-14-90
NMPE/No. 8547 Date

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

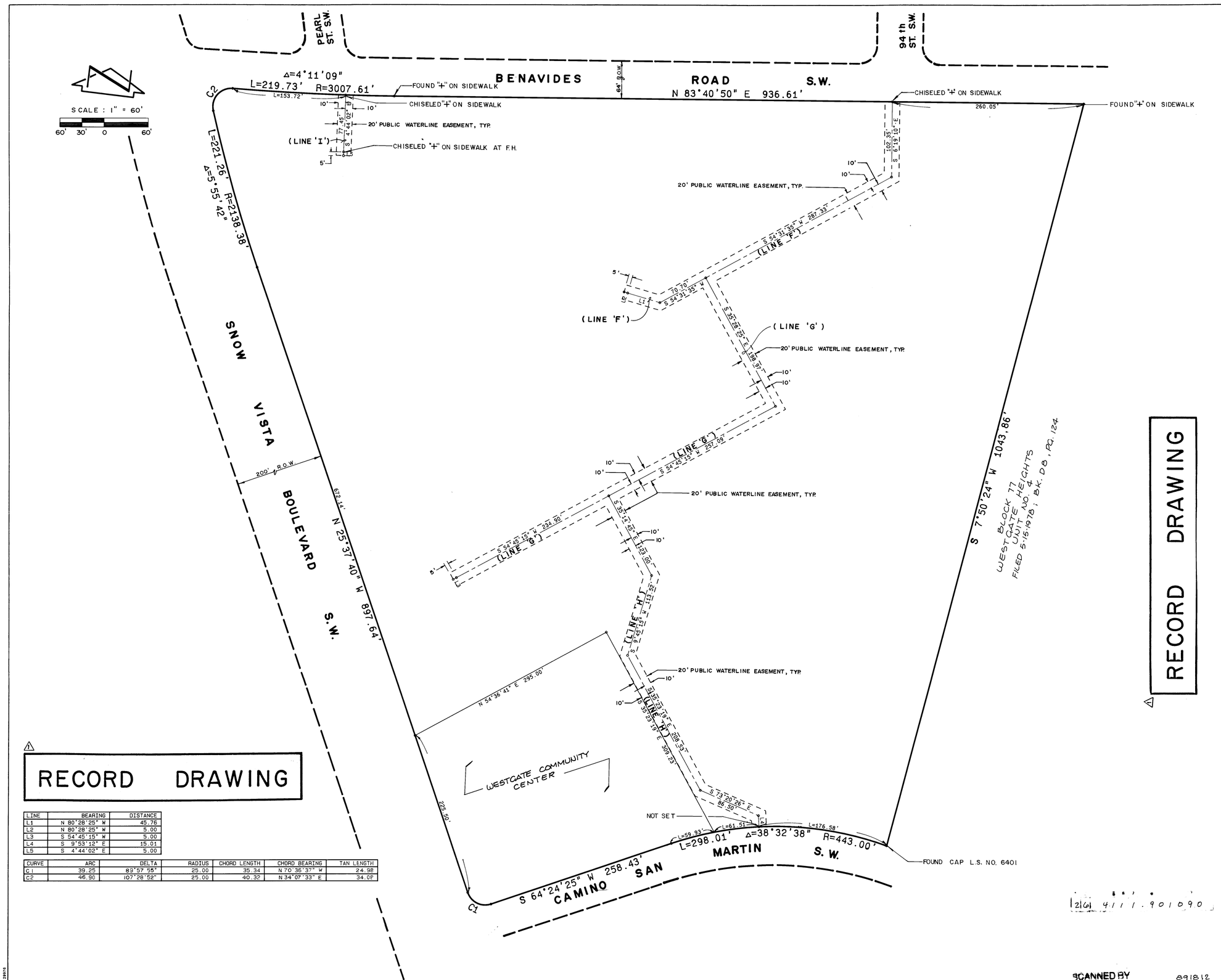
TITLE:
TRUMAN MIDDLE SCHOOL
SITE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIRMAN	Roger D. Green	7-18-90	WATER	R.W. Kane	7-16-90
TRANSPORTATION	R.D. Cook	7-17-90	WASTE WATER	R.W. Kane	7-16-90
HYDROLOGY	N/A	—			

PROJECT NO.	MAP NO.	SHEET	OF
4111.90	M-9	9	25

891812

SCANNED BY LASON



NOTES:

1. BEARING BASE IS PLAT OF WESTGATE HEIGHTS, UNIT NO. 4, FILED MAY 15, 1978; BOOK D8, PAGE 124.
2. FIELD SURVEY PERFORMED ON FEBRUARY 26, 1990.
3. UNLESS OTHERWISE NOTED, ALL CORNERS ARE 5/8" REBAR LS 3243.
4. EASEMENT FILED ON SEPTEMBER 21, 1990, BOOK 90-15, PAGES 7122 TO 7125, DOC. # 9073815.

RECORD DRAWING

LINE	BEARING	DISTANCE
L1	N 80°28'25" W	45.76
L2	N 80°28'25" W	5.00
L3	S 54°45'15" W	5.00
L4	S 9°53'12" E	15.01
L5	S 4°44'02" E	5.00

CURVE	ARC	DELTA	RADIUS	CHORD LENGTH	CHORD BEARING	TAN LENGTH
C1	39.25	89°57'55"	25.00	35.34	N 70°36'37" W	24.98
C2	46.90	107°28'52"	25.00	40.32	N 34°07'33" E	34.09

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 7-24-90
NMPE No. 8547 Date

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

AS BUILT INFORMATION

CONTRACTOR	JONES INDUSTRIES	
WORK STAKED BY	J.M.A.	DATE 09/90
INSPECTOR'S ACCEPTANCE BY	M.A.S.	DATE 10/90
FIELD VERIFICATION BY	M.A.S.	DATE 10/90
DRAWINGS CORRECTED BY	J.M.A.	DATE 10/90
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

AN "X" CUT ON THE N.E. BONNET BOLT OF THE FIRE HYDRANT LOCATED ON THE WEST SIDE OF 98TH ST. S.W. 150' NORTH OF THE INTERSECTION OF GIBSON BLVD. S.W. & 98TH ST. S.W.
(CITY OF ALB. B.M. 5-H13)
ELEVATION - 5150.92 (M.S.L.D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

SURVEYOR'S SEAL

REGISTERED LAND SURVEYOR STATE OF NEW MEXICO 6234 WILLIAM P. PETIT 6-25-90

NO.	DATE	REMARKS	BY
1	10/90	AS-BUILT	J.G.M.

REVISIONS

DESIGNED BY	J.G.M./J.M.C.	DATE 3-90
DRAWN BY	J.M.C.	DATE 3-90
CHECKED BY	J.G.M./W.P.P.	DATE 3-90

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:
TRUMAN MIDDLE SCHOOL
EASEMENT SURVEY

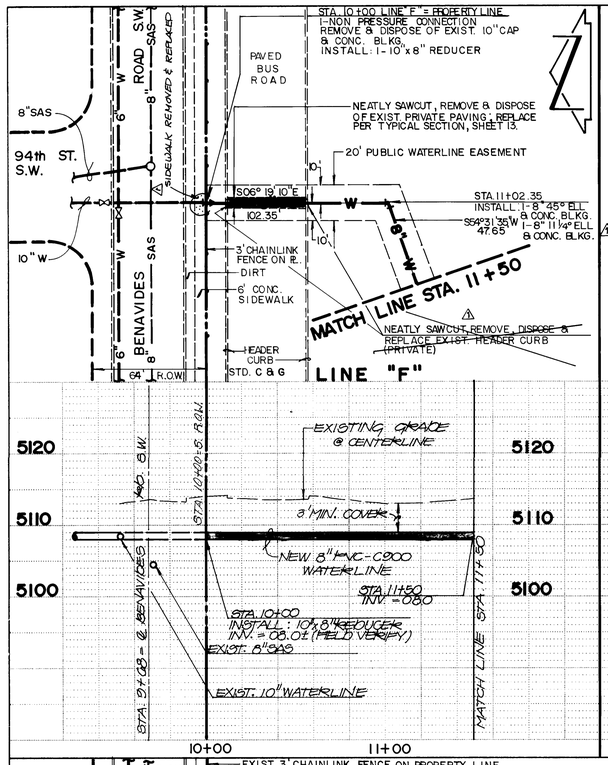
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman	Rene A. Kraus	7-18-90	Water	R.W. Kane	7-16-90
Transportation	R. Bourte	7-17-90	Waste Water	R.W. Kane	7-16-90
Hydrology	N/A				

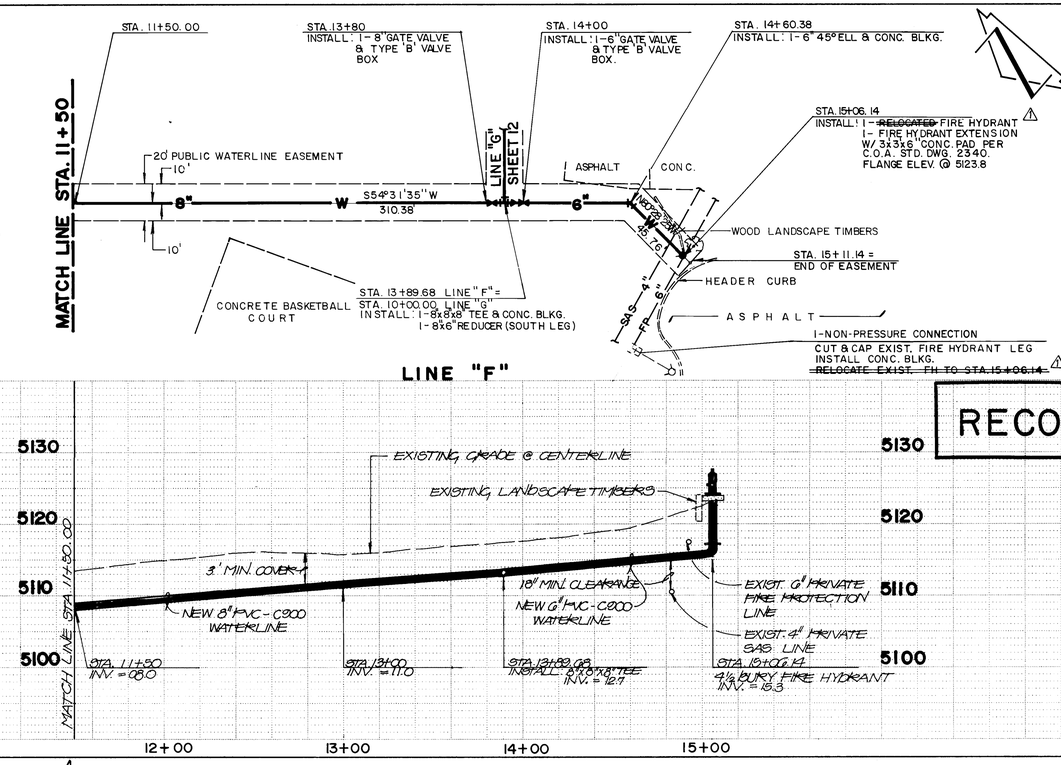
PROJECT NO.	MAP NO.	SHEET	OF
4111.90	M-9	10	25

12161 4111.901090

SCANNED BY

891812

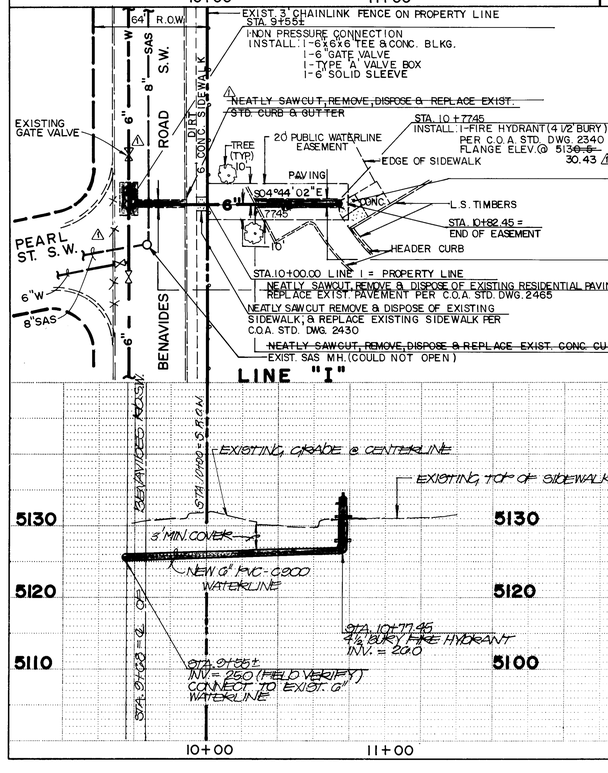


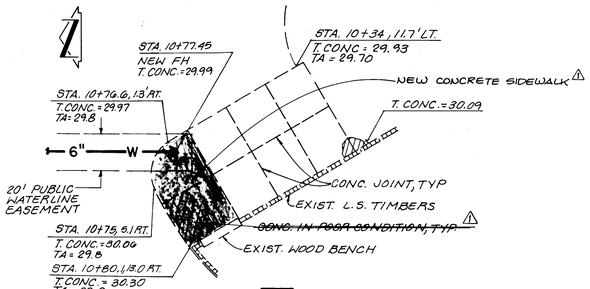


FOR CONSTRUCTION NOTES AFFECTING THIS SHEET, REFER TO SHEET 13

HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 10'

RECORD DRAWING





DETAIL 4/11
SCALE: 1" = 10'

FOR INFORMATION ONLY

⚠ 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 6-26-90
NMPE No. 8547 Date

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

FOR CONSTRUCTION NOTES AFFECTING THIS SHEET, REFER TO SHEET 13

HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 10'

RECORD DRAWING

AS BUILT INFORMATION
CONTRACTOR JONES INDUSTRIES
WORK STAKED BY J.M.A. DATE 04/90
INSPECTORS ACCEPTANCE BY M.A.S. DATE 10/90
FIELD VERIFICATION BY M.A.S. DATE 10/90
DRAWINGS CORRECTED BY J.M.A. DATE 10/90
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
AN "X" CUT ON THE N.E. BONNET BOLT OF THE FIRE HYDRANT LOCATED ON THE WEST SIDE OF 98TH ST. S.W. 150' NORTH OF THE INTERSECTION OF GIBSON BLVD S.W. & 98TH ST. S.W. (CITY OF ALB. B.M. 5-M9.) ELEVATION = 5150.92 (M.S.L. D.)

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER
6-26-90

NO.	DATE	REMARKS	BY
1	10/90	AS-BUILT	J.G.M.

REVISIONS

		DATE
DESIGNED BY	J.G.M. & J.M.C.	3-90
DRAWN BY	S.G.H.	3-90
CHECKED BY	J.G.M.	6-90

APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE

8918 12

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

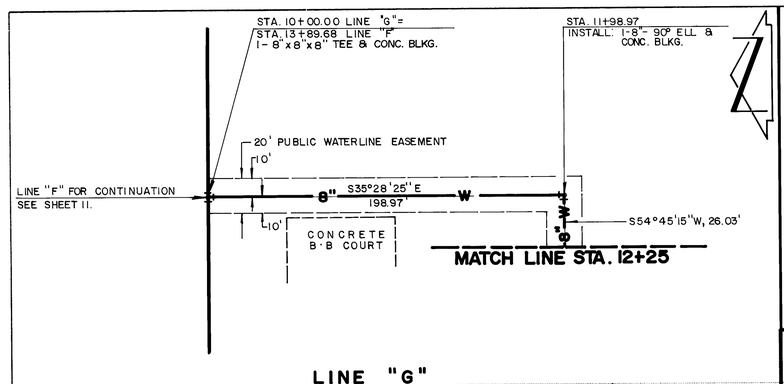
TITLE: TRUMAN MIDDLE SCHOOL
WATERLINE EXTENSION PLAN & PROFILE
LINE 'F', LINE 'I'

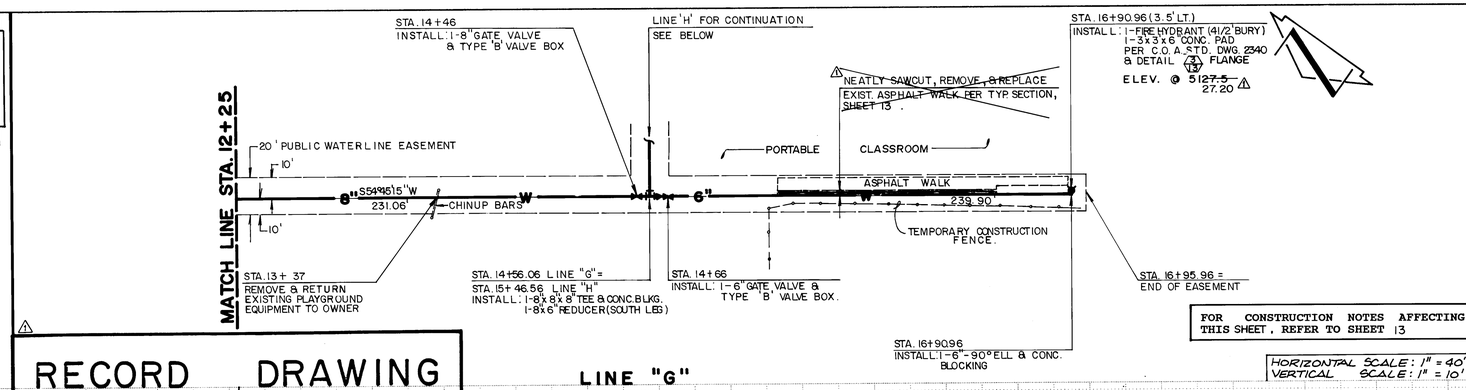
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIRMAN	Roger Hogan	7-18-90	WATER	R.W. Kane	7-16-90
TRANSPORTATION	R. Sherwick	7-17-90	WASTE WATER	R.W. Kane	7-16-90
HYDROLOGY	N/A				

PROJECT NO. 4111.90

SHEET 11 OF 25

SCANNED BY

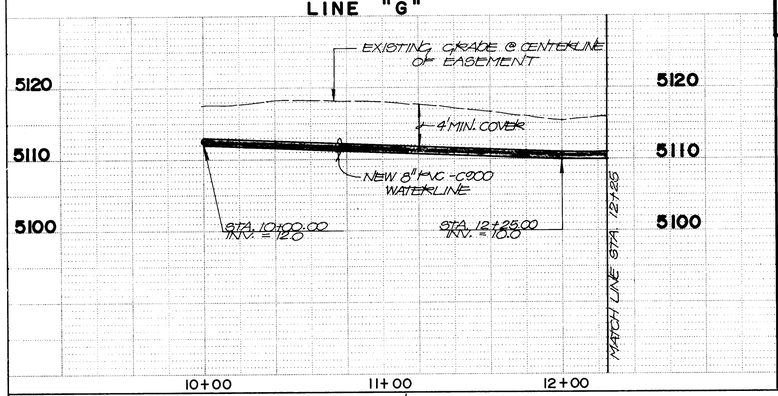


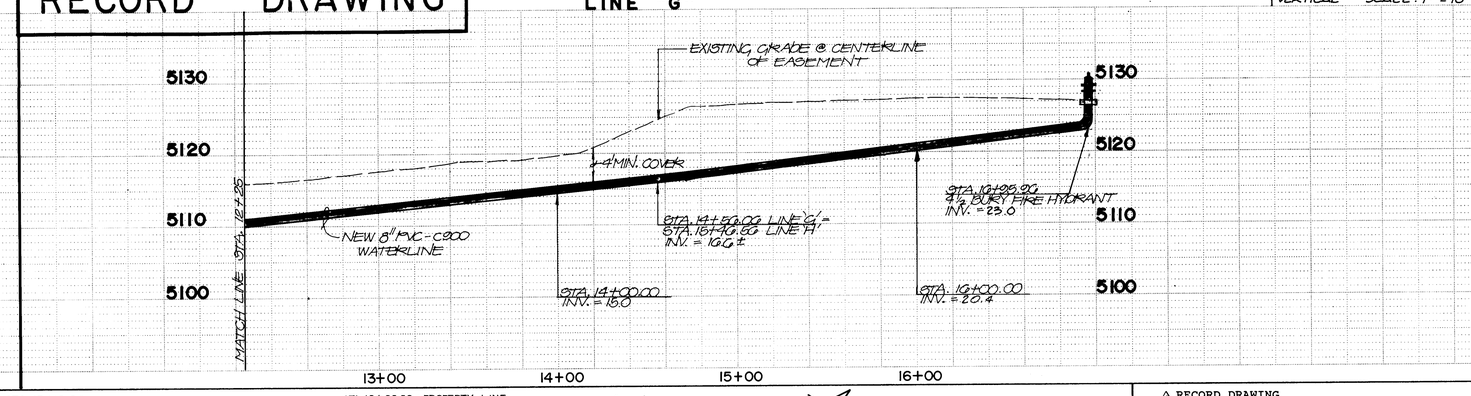


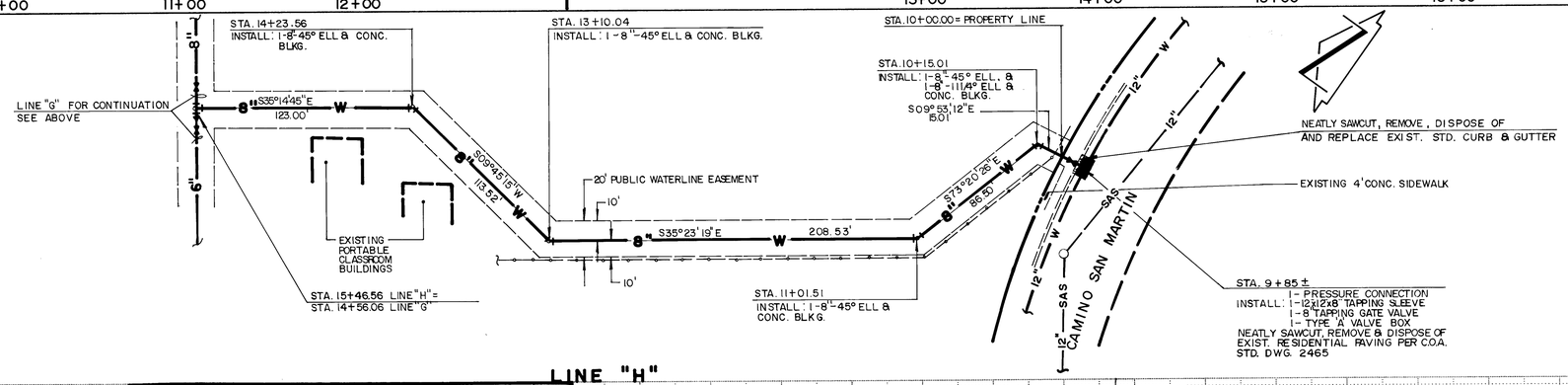
FOR CONSTRUCTION NOTES AFFECTING THIS SHEET, REFER TO SHEET 13

HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 10'

RECORD DRAWING







RECORD DRAWING

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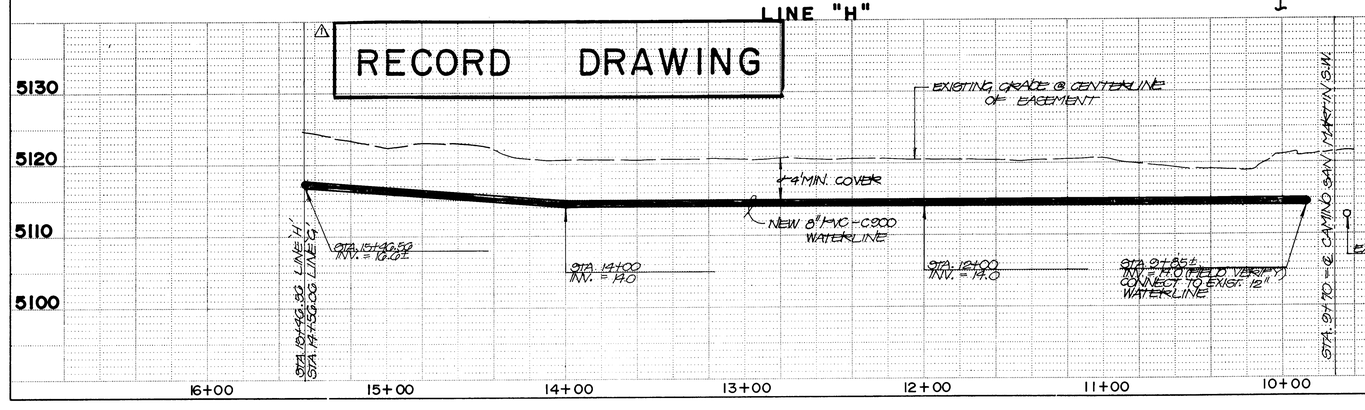
JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

Jeffrey G. Mortensen 7-14-90
Jeffrey G. Mortensen, Date
NMPE No. 8547

FOR CONSTRUCTION NOTES AFFECTING THIS SHEET, REFER TO SHEET 13

HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 10'

RECORD DRAWING



RECORD DRAWING

26 4111.90 1290

APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE

JMA. NO. 891812

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: TRUMAN MIDDLE SCHOOL
WATERLINE EXTENSION PLAN & PROFILE
LINE 'G', LINE 'H'

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIRMAN		7-18-90	WATER	R.W. Kane	7-16-90
TRANSPORTATION		7-17-90	WASTE WATER	R.W. Kane	7-16-90
HYDROLOGY	N/A				

PROJECT NO. 4111.90

SHEET 12 OF 25

AS BUILT INFORMATION
CONTRACTOR JONES INDUSTRIES
WORK STAKED BY J.M.A. DATE 09/90
INSPECTOR'S ACCEPTANCE BY M.A.S. DATE 09/90
FIELD VERIFICATION BY M.A.S. DATE 10/90
DRAWINGS CORRECTED BY J.M.A. DATE 10/90
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
AN 'X' CUT ON THE N.E. BONJUET BOLT OF THE FIRE HYDRANT LOCATED ON THE WEST SIDE OF 98TH ST. S.W. 150' NORTH OF THE INTERSECTION OF GIBSON BLVD. S.W. & 98TH ST. S.W. (CITY OF ALB. B.M. 5-M9.) ELEVATION = 5150.92 (M.S.L.D)

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

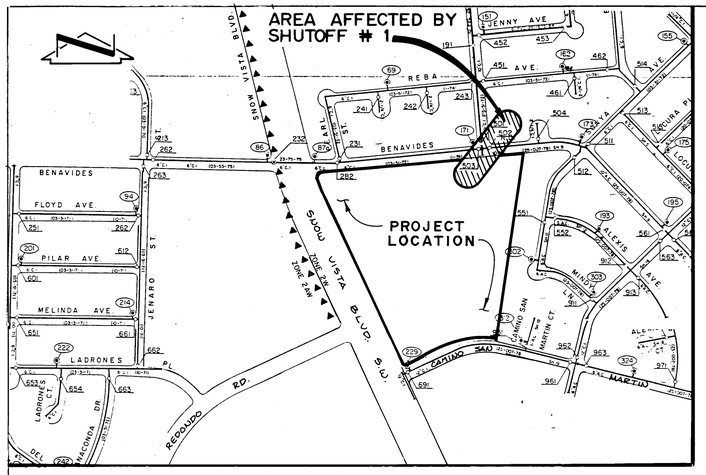
ENGINEER'S SEAL
JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER
7-14-90

NO.	DATE	REMARKS
1	10/90	AS BUILT

REVISIONS

		BY	DATE
DESIGNED BY	KPM/JMC	J.K.A.	3-90
DRAWN BY	S.G.H.		3-90
CHECKED BY	J.G.M.		6-90

SCANNED BY



TRUMAN WATER VALVE SHUTOFF PLAN

SCALE : 1" = 400' (APPROX.)

TRUMAN WATER VALVE SHUTOFF PLAN NOTES:

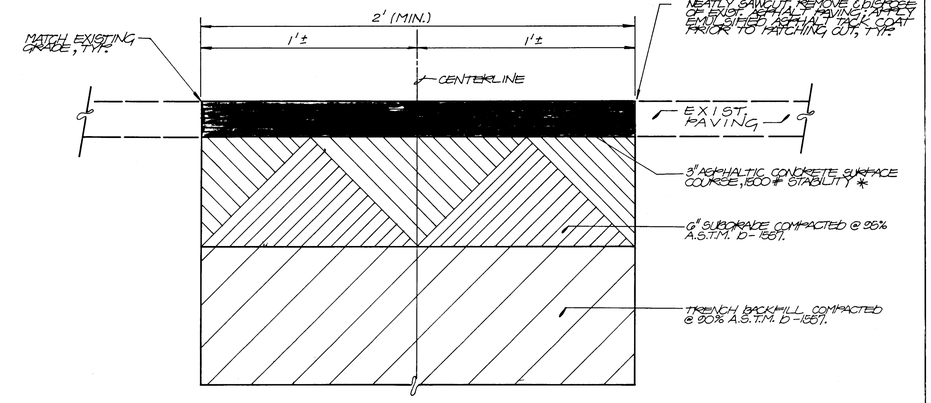
1. AS A MINIMUM, THE FOLLOWING VALVES SHALL BE CLOSED TO EFFECT THE RESPECTIVE SHUTOFFS SHALL BE CLOSED:

   A. SHUTOFF #1 (CONNECTION IN BENAVIDES ROAD S.W.); VALVES 501, 502 & 503.

2. THE CONTRACTOR SHALL NOTIFY WATER SYSTEMS, THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING WATERLINE; ALL SHUTOFFS SHALL BE PERFORMED BY THE WATER SYSTEM DIVISION PERSONNEL.

3. THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS AND THRUST BLOCKS NECESSARY TO EFFECT THE NECESSARY SHUTOFFS AND CONNECTIONS.

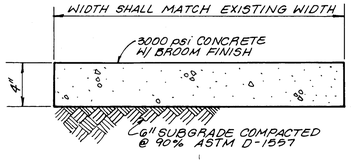
4. EXISTING WATER VALVE AND WATERLINE INFORMATION OBTAINED FROM CITY OF ALBUQUERQUE WATER SECTIONAL MAPS M-9N AND M-9S.



* SUBSTITUTE 2" THICKNESS IN NON-TRAFFIC AREAS.

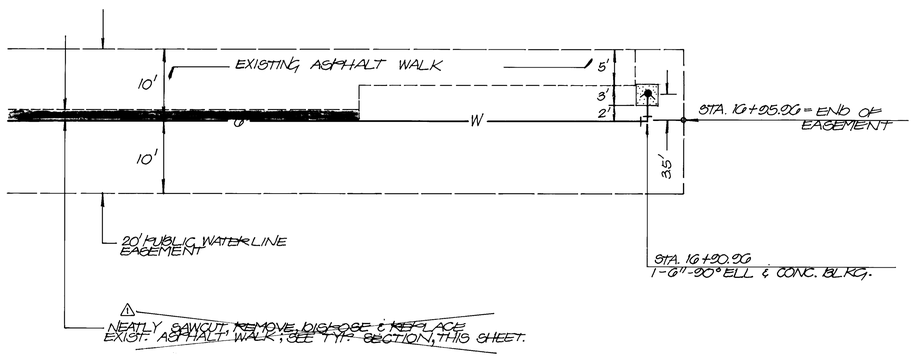
TYPICAL PRIVATE PAVING UTILITY CUT & PAVEMENT REPLACEMENT SECTION

SCALE: 1" = 4'



TYPICAL PRIVATE SIDEWALK REPLACEMENT SECTION

N.T.S.



DETAIL 3/12

SCALE: 1"=10'

RECORD DRAWING

NOTES:

1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM 260-1990, FOR LOCATION OF EXISTING UTILITIES.

2. 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.

3. 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.

4. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUILDINGS AND ADJACENT PROPERTIES DURING CONSTRUCTION.

5. THE 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 AND MAINTAINING TEMPORARY BERMS AT THE PROPERTY LINES AND WETTING THE SOIL TO KEEP IT FROM BLOWING.

6. 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.

7. IF THE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK, AND/OR PAVING IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. WHEN ABUTTING NEW PAVEMENT TO EXISTING, THE CONTRACTOR SHALL CUT BACK THE EXISTING PAVING TO A STRAIGHT LINE IN ORDER TO REMOVE ANY BROKEN OR CRACKED PAVEMENT. CURB AND GUTTER AND/OR PAVEMENT SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT AND WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFELY OBTAINING THE REQUIRED COMPACTION. THE CONTRACTOR SHALL SELECT AND USE METHODS WHICH SHALL NOT BE INJURIOUS OR DAMAGING TO THE EXISTING FACILITIES AND STRUCTURES WHICH SURROUND THE WORK AREAS.

9. THE CONTRACTOR SHALL CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS IN ORDER TO PRESERVE THE EXISTING IMPROVEMENTS AND SO AS NOT TO INTERFERE WITH THE OPERATIONS OF THE EXISTING FACILITIES.

10. WHERE THE NEW WATERLINE CROSSES UNDER EXISTING FENCES, THE CONTRACTOR SHALL TUNNEL UNDER THE FENCE IN ORDER TO TRENCH AND INSTALL THE NEW WATERLINE. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO THE FENCE DURING THE CONSTRUCTION PERIOD AND SHALL REPAIR AND/OR REPLACE THE FENCE, IF NECESSARY, AT HIS EXPENSE AND AT NO ADDITIONAL COST TO THE OWNER. ALL REPAIRS OR REPLACEMENT OF EXISTING FENCING SHALL BE EQUAL TO OR BETTER THAN THE EXISTING CONDITION OF THE FENCE.

11. ANY EXISTING TREES FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. THIS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.

12. SEVENTY-TWO (72) HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ON EACH OF THE SITES, THE CONTRACTOR SHALL NOTIFY THE OWNER OF HIS INTENT TO BEGIN CONSTRUCTION. CONTACT MR. BOB ROBIE, FACILITIES, PLANNING AND CONSTRUCTION, 242-5865.

13. WHERE EXISTING FIRE HYDRANTS ARE TO BE REMOVED AND RELOCATED, THE CONTRACTOR SHALL COORDINATE THIS WORK WITH THE OWNER SO THAT SCHOOL OPERATIONS ARE NOT ADVERSELY IMPACTED AND THE NECESSARY PRIVATE WATERLINE SHUTOFFS CAN BE ACCOMPLISHED. CONTACT MR. KEITH RUTHERFORD, MAINTENANCE AND OPERATIONS, 765-5950.

14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE REPAIR OF ANY EXISTING FACILITIES, STRUCTURES, OR UTILITIES DAMAGED BY CONSTRUCTION. REPAIRS SHALL BE MADE AT THE SOLE EXPENSE OF THE CONTRACTOR AND AT NO ADDITIONAL COST TO THE OWNER.

15. WHERE WATER AND SANITARY SEWER LINES CROSS THE SANITARY SEWER LINE SHALL BE CONCRETE ENCASED FOR A DISTANCE OF 10 FEET EACH SIDE OF THE CROSSING IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.

16. ELECTRONIC MARKER DISKS (EMD'S) SHALL BE PLACED ABOVE ALL FITTINGS IN ACCORDANCE WITH SECTION 170 OF THE "STANDARD SPECIFICATIONS".

17. IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18 INCHES ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.

18. VALVE STEM EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF THE VALVE STEM EXTENSIONS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.

AS BUILT INFORMATION

CONTRACTOR	JONES INDUSTRIES	
WORK STAKED BY	J.M.A.	DATE 9/90
INSPECTORS ACCEPTANCE BY	M.A.S.	DATE 9/90
FIELD VERIFICATION BY	M.A.S.	DATE
DRAWINGS CORRECT BY	J.M.A.	DATE 9/90
RECORDED BY	MICRO-FILM INFORMATION	DATE
NO		

BENCH MARKS

A "+" CUT ON THE N.E. BONNET BOLT OF FIRE HYDRANT LOCATED ON THE WEST SIDE OF 98th STREET S.W., 150' NORTH OF THE INTERSECTION OF GIBSON BOULEVARD S.W. AND 98th STREET S.W. (C.O.A. B.M. 5-M9) ELEVATION = 5150.917 FEET (M.S.L.D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JEFFREY G. MORTENSEN, NEW MEXICO, 8547, REGISTERED PROFESSIONAL ENGINEER

06-26-90

2 6 4 1 1 1 9 0 1 3 9 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 6-26-90
NMPE No. 8547 Date

NO.	DATE	REMARKS	BY
1	10/90	AS-BUILT	J.G.M.

REVISIONS

DESIGNED BY	J.G.M./J.M.C.	DATE	3-90
DRAWN BY	J.M.C./S.G.H.	DATE	3-90
CHECKED BY	J.G.M.	DATE	6-90

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TRUMAN MIDDLE SCHOOL
WATER VALVE SHUTOFF PLAN, SECTIONS & DETAILS

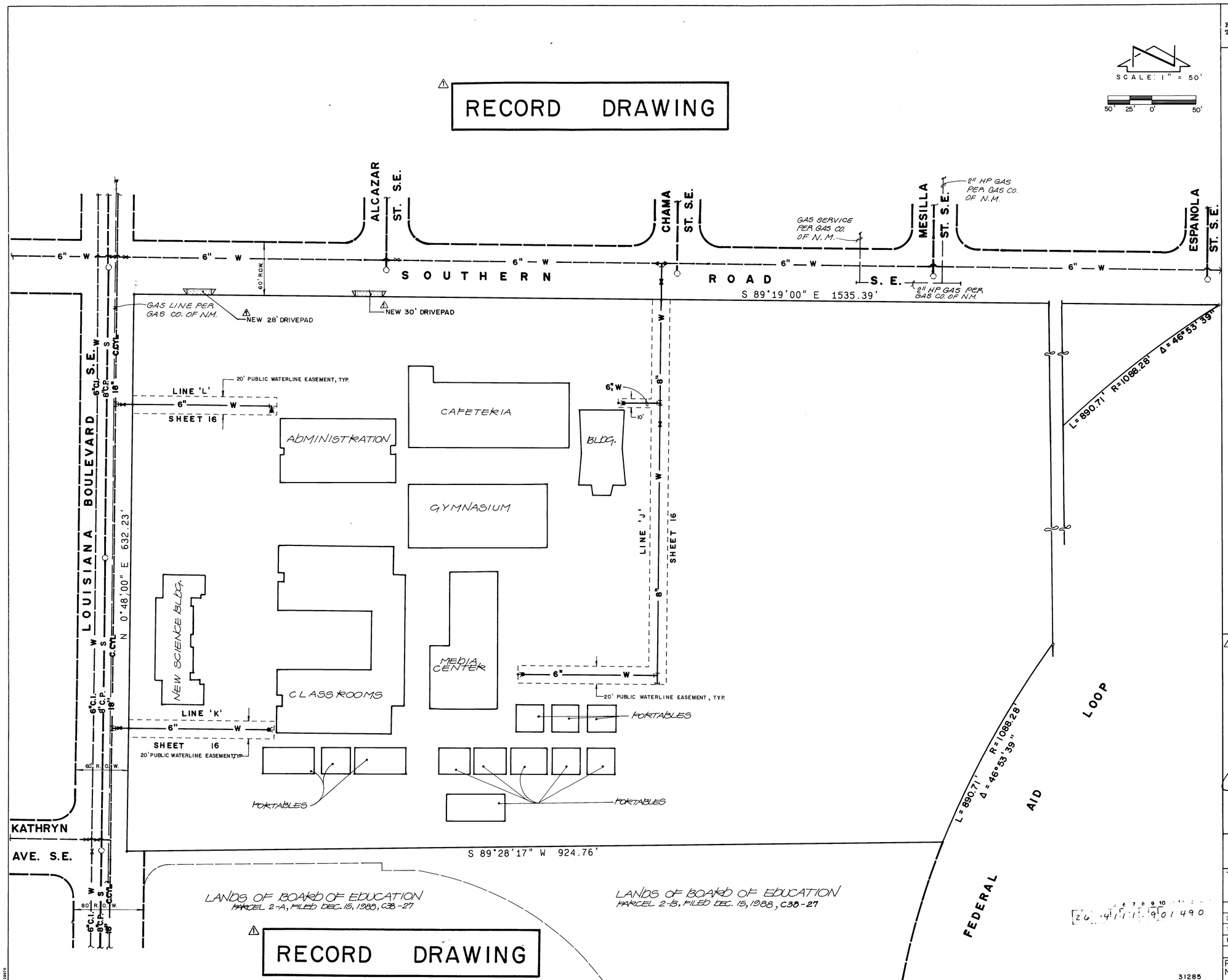
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIRMAN	[signature]	7-18-90	WATER	R.W. Kane	7-16-90
TRANSPORTATION	[signature]	7-17-90	WASTE WATER	R.W. Kane	7-16-90
HYDROLOGY	N/A				

PROJECT NO.	MAP NO.	SHEET	OF
4111.90	M-9	13	25

891812

SCANNED BY ASCS

FOR CONSTRUCTION NOTES AFFECTING THIS SITE, REFER TO SHEET 17.



AS BUILT INFORMATION

CONTRACTOR JONES INDUSTRIES
WORK STAKED BY J.M.A. DATE 08/90
INSPECTOR'S ACCEPTANCE BY M.A.S. DATE 10/90
FIELD VERIFICATION BY M.A.S. DATE 10/90
CORRECTIONS BY J.M.A. DATE 10/90
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS

A.C.S. BENCHMARK NO. G-L18, A SQUARE, CHISELED ON TOP OF CURB @ THE NW CURB RETURN LOCATED AT THE INTERSECTION OF LOUISIANA BLVD. S.E. & MONTBELL ST. S.E. IN THE NE QUADRANT OF THE INTERSECTION.
ELEVATION = 5321.68 FEET (MSL. D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER
06-26-90

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 6-26-90
Jeffrey G. Mortensen Date
NMPE No. 8547

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
1	10/90	AS-BUILT	J.G.M.

REVISIONS

DESIGN

DESIGNED BY	J.G.M.	DATE 12/88
DRAWN BY	J.M.C.	DATE 12/89
CHECKED BY	J.G.M.	DATE 06/90

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:
VAN BUREN MIDDLE SCHOOL
SITE PLAN

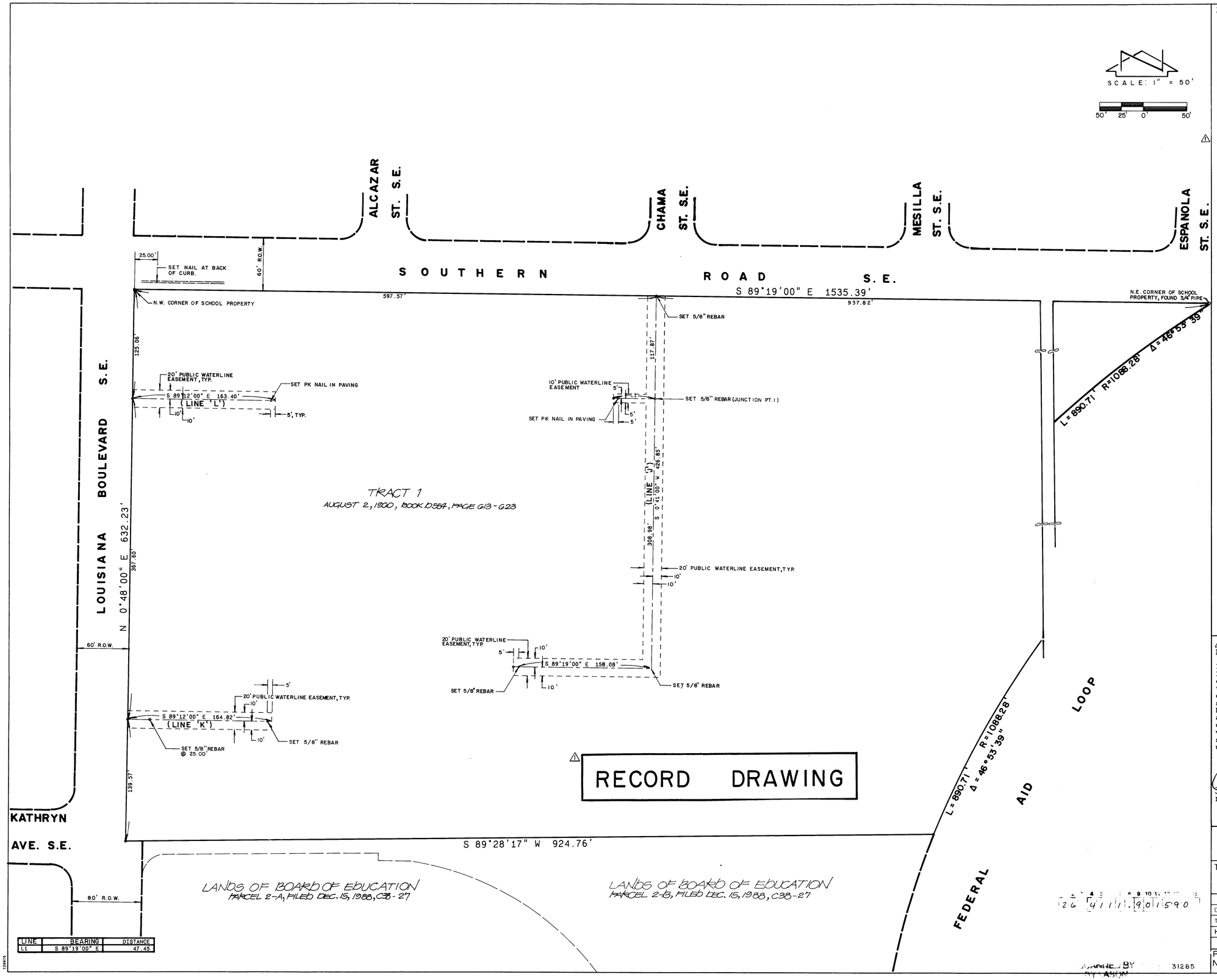
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman		7-18-90	WATER	R.W. Kane	7-16-90
Transportation		7-17-90	WASTE WATER	R.W. Kane	7-16-90
Hydrology	N/A				

PROJECT NO.	MAP NO.	SHEET	OF
4111.90	L-19	14	25

31285

NOTES:

1. THIS SITE COMPRISES BLOCKS 28-30, PORTIONS OF BLOCKS 31 & 32, FILED JUNE 15, 1944, BOOK D, PAGE 78.
2. TRACT 1 IS DEFINED BY DEED FILED AUGUST 2, 1960, BOOK D554, PAGES 613-623.
3. BEARING BASE IS DEED FILED AUGUST 2, 1960, BOOK D554, PAGES 613-623.
4. FIELD SURVEY PERFORMED ON DECEMBER 7 & 8, 1989.
5. EASEMENT FILED ON SEPTEMBER 21, 1990, BOOK 90-15, PAGES 7114-7117, DOC. # 9073813.



LINE	BEARING	DISTANCE
L1	S 89°19'00" E	47.45

AS BUILT INFORMATION

CONTRACTOR JONES INDUSTRIES

WORK STAKED BY	J.M.A.	DATE 08/90
INSPECTORS ACCEPTANCE BY	M.A.S.	DATE 10/90
FIELD VERIFICATION BY	M.A.S.	DATE 10/90
DRAWINGS CORRECT BY	J.M.A.	DATE 10/90
MICRO-FILM RECORDED BY		DATE
NO.		

BENCH MARKS

A.C.S. BENCHMARK N.D.G.-L18, A SQUARE, 1/2, CHISELED ON TOP OF CURB @ THE NW CURB RETURN LOCATED AT THE INTERSECTION OF LOUISIANA BLVD. SE. & FRONT BULL ST. SE. IN THE NE. QUADRANT OF THE INTERSECTION.
ELEVATION = 5327.08 FEET (MSL D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

SURVEYOR'S SEAL

REGISTERED LAND SURVEYOR STATE OF NEW MEXICO 6-25-90 WILLIAM E. PETIT

NO.	DATE	REMARKS	BY
1	10/90	AS-BUILT	J.G.M.

REVISIONS

DESIGNED BY	J.G.M.	DATE 12/89
DRAWN BY	J.M.C.	DATE 12/89
CHECKED BY	J.G.M./W.P.P.	DATE 06/90

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 10-24-90
Jeffrey G. Mortensen Date
NMPE No. 9547

JEFFREY G. MORTENSEN NEW MEXICO 9547 REGISTERED PROFESSIONAL ENGINEER

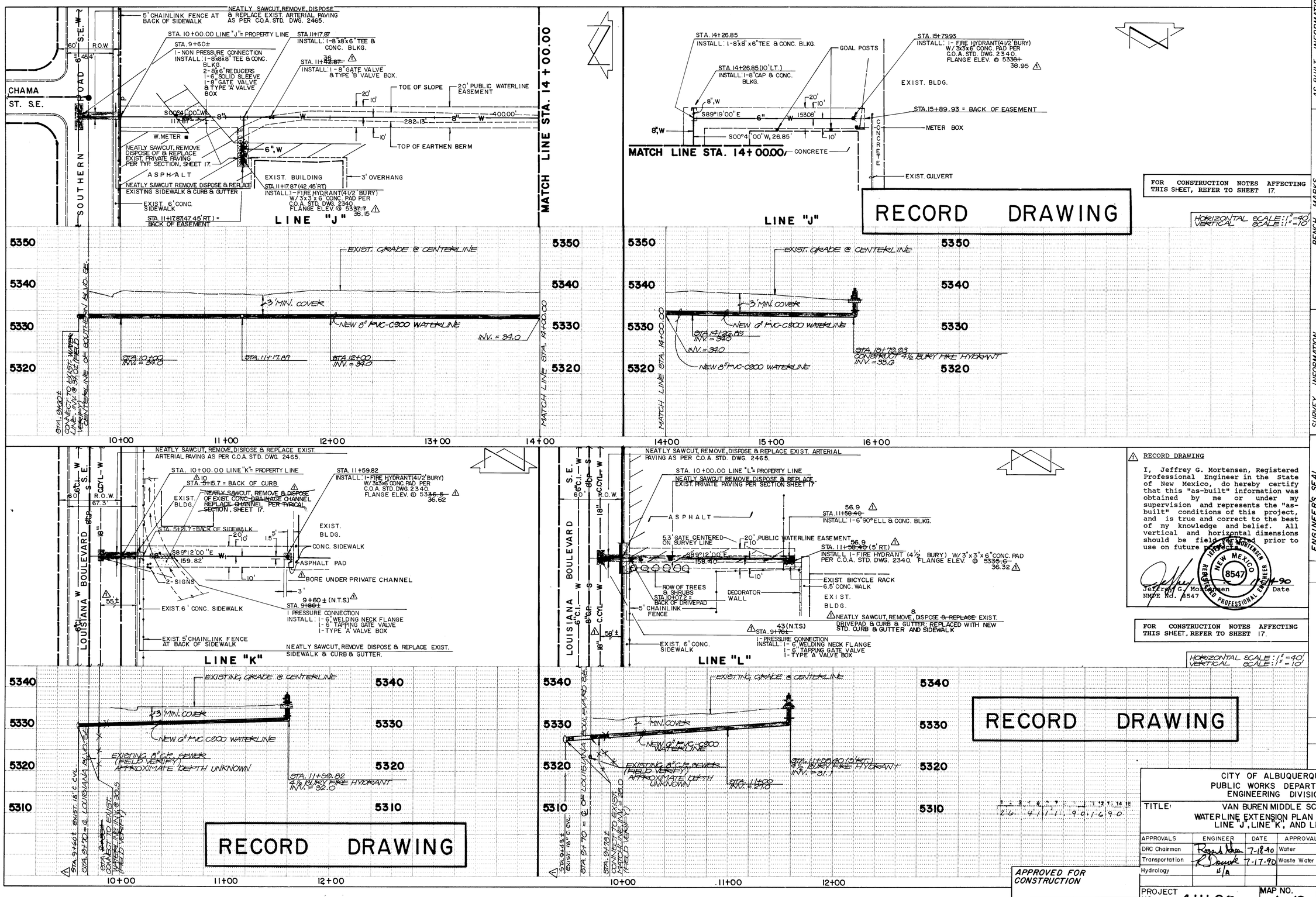
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:

VAN BUREN MIDDLE SCHOOL EASEMENT SURVEY

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman		7-18-90	Water	R.W. Kane	7-16-90
Transportation		7-17-90	Waste Water	R.W. Kane	7-16-90
Hydrology	N/A				

PROJECT NO.	MAP NO.	SHEET	OF
4111.90	L-19	15	25



AS BUILT INFORMATION

CONTRACTOR JONES INDUSTRIES

WORK STAKED BY	J.M.A.	DATE 08/90
INSPECTED BY		
ACCEPTANCE BY	M.A.S.	DATE 10/90
FIELD VERIFICATION BY	M.A.S.	DATE 10/90
DRAWINGS CORRECTED BY	J.M.A.	DATE 10/90
MICRO-FILM	INFORMATION	
RECORDED BY		DATE
NO.		

BENCH MARKS

A.G.S. BENCHMARK NO. G-L 18, A SQUARE, 18, CHISELED ON TOP OF CURB @ THE N.W. CURB RETURN LOCATED AT THE INTERSECTION OF LOUISIANA BLVD. S.E. & TRUMBULL ST. S.E. IN THE N.E. QUADRANT OF THE INTERSECTION.
ELEVATION = 5327.08 FEET (MSL.D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEERS SEAL

JGM

NO.	DATE	REMARKS	BY
△ 1	10/90	AS-BUILT	JGM

REVISIONS

DESIGN	DATE 2/90	
DESIGNED BY JGM	DATE 2/90	
DRAWN BY JMC	DATE 6/90	
CHECKED BY JGM		

△ 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
NMPE Rd. 8547

FOR CONSTRUCTION NOTES AFFECTING THIS SHEET, REFER TO SHEET 17.

RECORD DRAWING

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: VAN BUREN MIDDLE SCHOOL
WATERLINE EXTENSION PLAN & PROFILE
LINE "J", LINE "K", AND LINE "L"

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chairman	Roger A. Moore	7-18-90	Water	R.W. Kane	7-16-90
Transportation	R. Doyle	7-17-90	Waste Water	R.W. Kane	7-16-90
Hydrology	N/A				

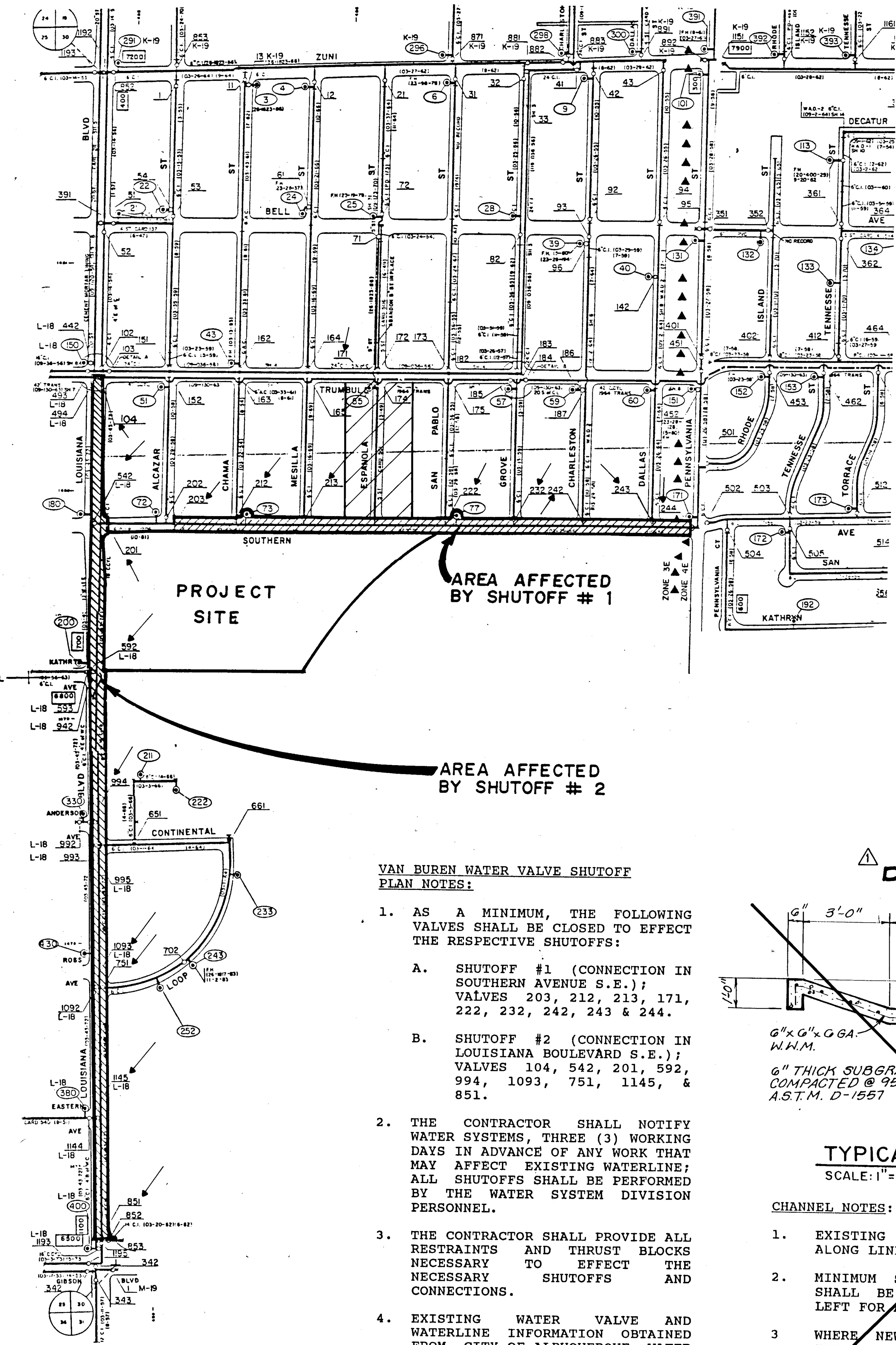
APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE

PROJECT NO.	MAP NO.	SHEET	OF
4111.90	L-19	16	25

31285

SCANNED BY

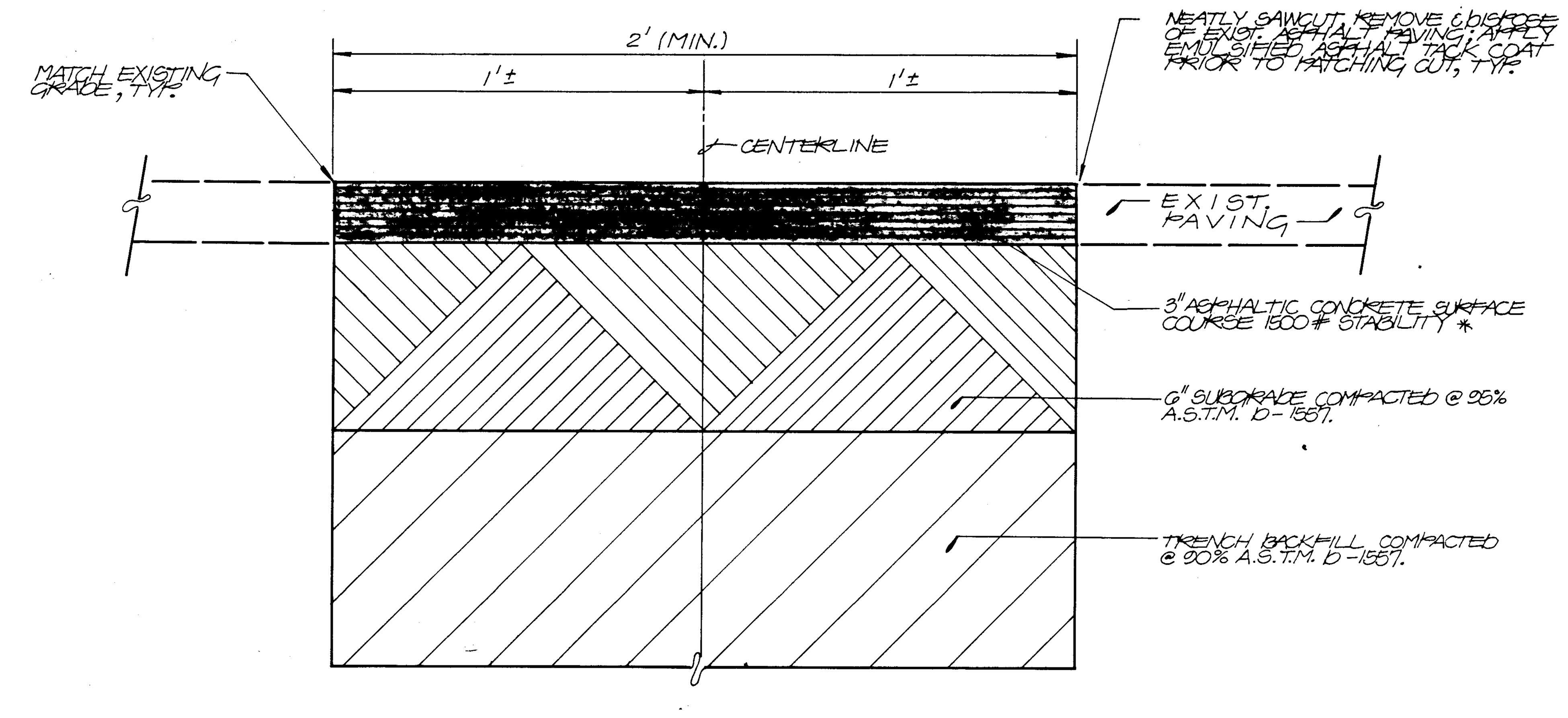


VAN BUREN WATER VALVE SHUTOFF PLAN

SCALE : 1" = 400' (APPROX.)

VAN BUREN WATER VALVE SHUTOFF PLAN NOTES:

1. AS A MINIMUM, THE FOLLOWING VALVES SHALL BE CLOSED TO EFFECT THE RESPECTIVE SHUTOFFS:
   - A. SHUTOFF #1 (CONNECTION IN SOUTHERN AVENUE S.E.); VALVES 203, 212, 213, 171, 222, 232, 242, 243 & 244.
   - B. SHUTOFF #2 (CONNECTION IN LOUISIANA BOULEVARD S.E.); VALVES 104, 542, 201, 592, 994, 1093, 751, 1145, & 851.
2. THE CONTRACTOR SHALL NOTIFY WATER SYSTEMS, THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING WATERLINE; ALL SHUTOFFS SHALL BE PERFORMED BY THE WATER SYSTEM DIVISION PERSONNEL.
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 WATER SECTIONAL MAPS L-19N AND L-19S.



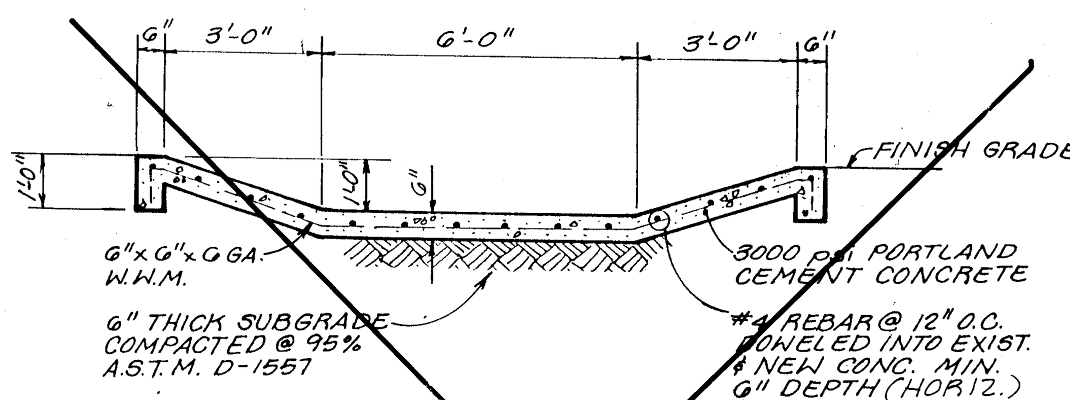
* SUBSTITUTE 2" THICKNESS IN NON-TRAFFIC AREA

TYPICAL PRIVATE PAVING UTILITY CUT & PAVEMENT REPLACEMENT SECTION

SCALE: 1" = 4"

△1 **RECORD DRAWING**

△1 **DELETED**



~~TYPICAL CHANNEL SECTION~~

~~SCALE: 1" = 3'-0"~~

~~CHANNEL NOTES:~~

1. ~~EXISTING CHANNEL SHALL BE NEATLY SAWCUT ALONG LINES PERPENDICULAR TO THE FLOWING.~~
2. ~~MINIMUM SECTION FOR REMOVAL AND REPLACEMENT SHALL BE 10' LONGITUDINALLY. (SEE NOTES AT LEFT FOR ADDITIONAL REQUIREMENTS).~~
3. ~~WHERE NEW CONCRETE ABUTS EXISTING CONCRETE, JOINT SHALL BE THOROUGHLY SEALED WITH AN APPROVED URETHANE SEALANT TO PREVENT THE INFILTRATION OF SURFACE WATER.~~

△1 **DELETED**

NOTES:

1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM 260-1990, FOR LOCATION OF EXISTING UTILITIES.
2. 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.
3. 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.
4. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUILDINGS AND ADJACENT PROPERTIES DURING CONSTRUCTION.
5. THE 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 AND MAINTAINING TEMPORARY BERMS AT THE PROPERTY LINES AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
6. 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.
7. IF THE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK, AND/OR PAVING IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. WHEN ABUTTING NEW PAVEMENT TO EXISTING, THE CONTRACTOR SHALL CUT BACK THE EXISTING PAVING TO A STRAIGHT LINE IN ORDER TO REMOVE ANY BROKEN OR CRACKED PAVEMENT. CURB AND GUTTER AND/OR PAVEMENT SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT AND WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFELY OBTAINING THE REQUIRED COMPACTION. THE CONTRACTOR SHALL SELECT AND USE METHODS WHICH SHALL NOT BE INJURIOUS OR DAMAGING TO THE EXISTING FACILITIES AND STRUCTURES WHICH SURROUND THE WORK AREAS.
9. THE CONTRACTOR SHALL CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS IN ORDER TO PRESERVE THE EXISTING IMPROVEMENTS AND SO AS NOT TO INTERFERE WITH THE OPERATIONS OF THE EXISTING FACILITIES.
10. WHERE THE NEW WATERLINE CROSSES UNDER EXISTING FENCES, THE CONTRACTOR SHALL TUNNEL UNDER THE FENCE IN ORDER TO TRENCH AND INSTALL THE NEW WATERLINE. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO THE FENCE DURING THE CONSTRUCTION PERIOD AND SHALL REPAIR AND/OR REPLACE THE FENCE, IF NECESSARY, AT HIS EXPENSE AND AT NO ADDITIONAL COST TO THE OWNER. ALL REPAIRS OR REPLACEMENT OF EXISTING FENCING SHALL BE EQUAL TO OR BETTER THAN THE EXISTING CONDITION OF THE FENCE.
11. ANY EXISTING TREES FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. THIS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
12. SEVENTY-TWO (72) HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ON EACH OF THE SITES, THE CONTRACTOR SHALL NOTIFY THE OWNER OF HIS INTENT TO BEGIN CONSTRUCTION. CONTACT MR. BOB ROBIE, FACILITIES, PLANNING AND CONSTRUCTION, 242-5865.
13. WHERE EXISTING FIRE HYDRANTS ARE TO BE REMOVED AND RELOCATED, THE CONTRACTOR SHALL COORDINATE THIS WORK WITH THE OWNER SO THAT SCHOOL OPERATIONS ARE NOT ADVERSELY IMPACTED AND THE NECESSARY PRIVATE WATERLINE SHUTOFFS CAN BE ACCOMPLISHED. CONTACT MR. KEITH RUTHERFORD, MAINTENANCE AND OPERATIONS, 765-5950.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE REPAIR OF ANY EXISTING FACILITIES, STRUCTURES, OR UTILITIES DAMAGED BY CONSTRUCTION. REPAIRS SHALL BE MADE AT THE SOLE EXPENSE OF THE CONTRACTOR AND AT NO ADDITIONAL COST TO THE OWNER.
15. WHERE WATER AND SANITARY SEWER LINES CROSS THE SANITARY SEWER LINE SHALL BE CONCRETE ENCASED FOR A DISTANCE OF 10 FEET EACH SIDE OF THE CROSSING IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.
16. ELECTRONIC MARKER DISKS (EMD'S) SHALL BE PLACED ABOVE ALL FITTINGS IN ACCORDANCE WITH SECTION 170 OF THE "STANDARD SPECIFICATIONS".
17. IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18 INCHES ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
18. VALVE STEM EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF THE VALVE STEM EXTENSIONS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.

31285

26 4111.901790

△1 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 10-26-90 Date
NMPE No. 8547

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER 06-26-90

AS BUILT INFORMATION

CONTRACTOR	JONES INDUSTRIES	
WORK STAKED BY	J.M.A.	DATE 08/90
INSPECTOR'S ACCEPTANCE BY	M.A.S.	DATE 10/90
FIELD VERIFICATION BY	M.A.S.	DATE 10/90
DRAWINGS CORRECTED BY	J.M.A.	DATE 10/90

MICRO-FILM INFORMATION

RECORDED BY — DATE

NO

BENCH MARKS

A.C.S. BENCHMARK NO. G-L18. A SQUARE, ⊠, CHISELED ON TOP OF CURB @ THE NNW CURB RETURN LOCATED @ THE INTERSECTION OF LOUISIANA BLVD. S.E. & TRUMBULL ST. S.E. IN THE N.E. QUADRANT OF THE INTERSECTION.
ELEVATION = 5327.68 FEET (M.S.L.D.)

SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
△1	10/90	AS-BUILT	J.G.M.

REVISIONS

DESIGN		
DESIGNED BY	J.G.M.	DATE 2-90
DRAWN BY	J.M.C.	DATE 2-90
CHECKED BY	J.G.M.	DATE 6-90

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:
VAN BUREN MIDDLE SCHOOL
WATER VALVE SHUTOFF PLAN, SECTIONS & DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman	Roger A. Green	7-18-90	WATER	R.W. Kane	7-16-90
Transportation	R. Dourek	7-17-90	WASTE WATER	R.W. Kane	7-16-90
Hydrology	N/A				

PROJECT NO.	MAP NO.	SHEET	OF
4111.90	L-19	17	25

129976

FOR CONSTRUCTION NOTES AFFECTING THIS SITE, REFER TO SHEETS 20 & 21.

NOTE:

LINE "P" IS "PRIVATE" AND NOT PART OF THE CITY WORK ORDER, HOWEVER, IS INCLUDED IN THIS CONTRACT

RECORD DRAWING

26 4111.90 18 90

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 6-26-90
Jeffrey G. Mortensen Date
NMPE No. 8547

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
1	10/90	AS-BUILT	J.G.M.

REVISIONS

		DATE
DESIGNED BY	J.G.M.	6-90
DRAWN BY	K.E.P / S.C.H	6-90
CHECKED BY	J.G.M., W.P.P.	6-90

ENGINEER'S SEAL

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER 06-26-90

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

A.C.S. STATION 5-G13A. A STANDARD BRASS TABLET SET FLUSH WITH THE GROUND. STATION IS LOCATED WITHIN THE NORTHERN R.O.W. OF CANDELARIA RD. N.W. APPROX. 6.4' EAST OF THE ENTRANCE LANE TO VALLEY HIGH SCHOOL, ON THE NORTH SIDE OF THE SIDEWALK. ELEVATION = 4967.94 FEET (M.S.L.D.)

AS BUILT INFORMATION

CONTRACTOR JONES INDUSTRIES

		DATE
WORK STAKED BY	J.M.A.	08/90
INSPECTORS ACCEPTANCE BY	M.A.S.	10/90
FIELD VERIFICATION BY	M.A.S.	10/90
DRAWINGS CORRECTED BY	J.M.A.	10/90
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:

VALLEY HIGH SCHOOL
SITE PLAN

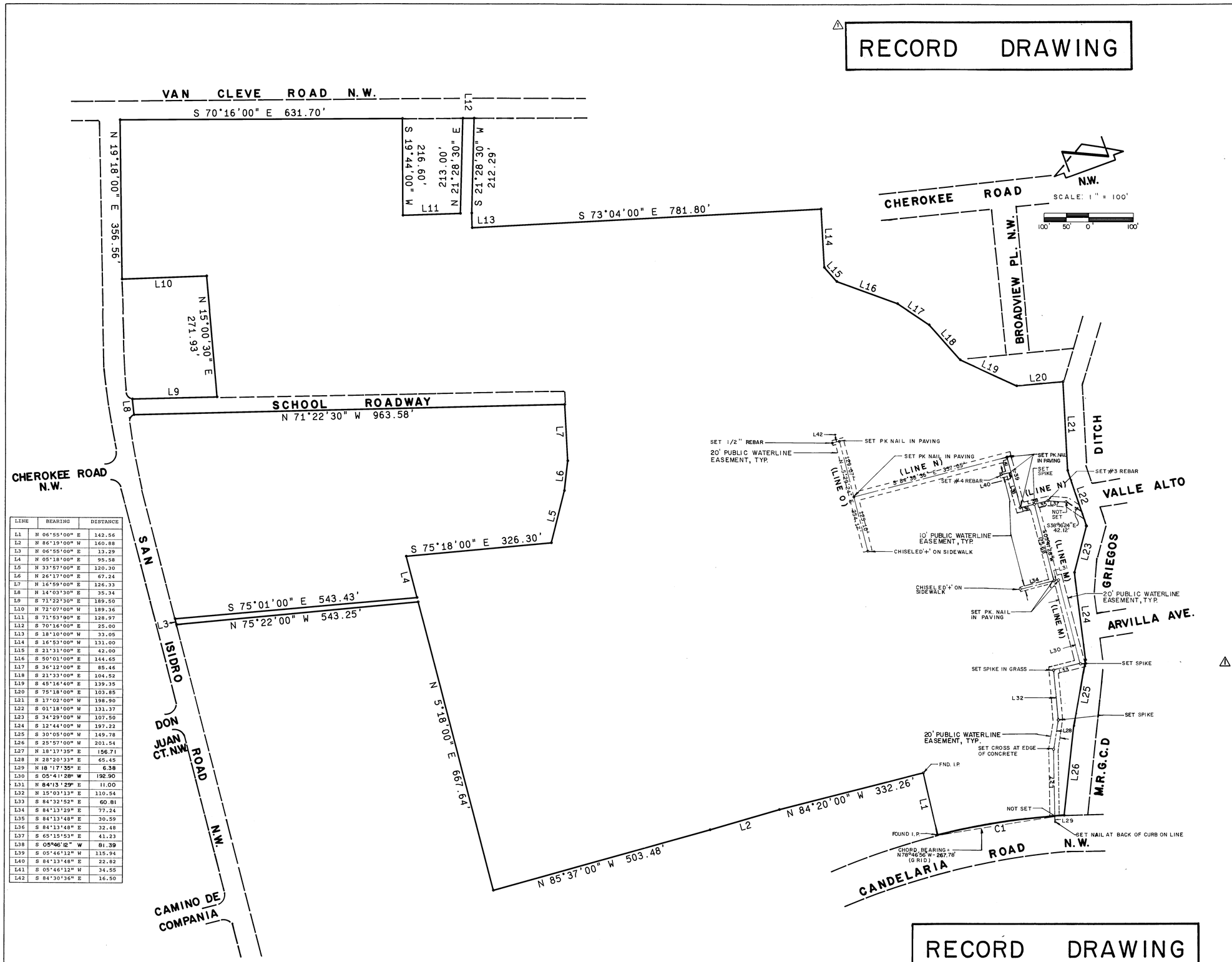
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman		7-18-90	Water	R.W. Kane	7-16-90
Transportation		7-17-90	Waste Water	R.W. Kane	7-16-90
Hydrology	N/A				

PROJECT NO.	MAP NO.	SHEET	OF
4111.90	G-13	18	25

KOOGLE & POULS ENGINEERING, INC.
8338A COMANCHE N.E., ALBUQUERQUE, NEW MEXICO 87110

SCANNED BY
BY EXXON

RECORD DRAWING



LINE	BEARING	DISTANCE
L1	N 06°55'00" E	142.56
L2	N 86°19'00" W	160.88
L3	N 06°55'00" E	13.29
L4	N 05°18'00" E	95.58
L5	N 33°57'00" E	120.30
L6	N 26°17'00" E	67.24
L7	N 16°59'00" E	126.33
L8	N 14°03'30" E	35.34
L9	S 71°22'30" E	189.50
L10	N 72°07'00" W	189.36
L11	S 71°53'00" E	128.97
L12	S 70°16'00" E	25.00
L13	S 18°10'00" W	33.05
L14	S 16°53'00" W	131.00
L15	S 21°31'00" E	42.00
L16	S 50°01'00" E	144.65
L17	S 36°12'00" E	85.46
L18	S 21°33'00" E	104.52
L19	S 45°16'40" E	139.35
L20	S 75°18'00" E	103.85
L21	S 17°02'00" W	198.90
L22	S 01°18'00" W	131.37
L23	S 34°29'00" W	107.50
L24	S 12°44'00" W	197.22
L25	S 30°05'00" W	149.78
L26	S 25°57'00" W	201.54
L27	N 18°17'35" E	156.71
L28	N 28°20'33" E	65.45
L29	N 18°17'35" E	6.38
L30	S 05°41'28" W	192.90
L31	N 84°13'29" E	11.00
L32	N 15°03'13" E	110.54
L33	S 84°32'52" E	60.81
L34	S 84°13'29" E	77.24
L35	S 84°13'48" E	30.59
L36	S 84°13'48" E	32.48
L37	S 65°15'53" E	41.23
L38	S 05°46'12" W	81.39
L39	S 05°46'12" W	115.94
L40	S 84°13'48" E	22.82
L41	S 05°46'12" W	34.55
L42	S 84°30'36" E	16.50

CURVE	ARC	DELTA	RADIUS	CHORD LENGTH	CHORD BEARING	TAN LENGTH
C1	286.97	11°10'00"	1472.40	286.51	N 78°50'16" W	143.94

RECORD DRAWING

NOTES:

1. FIELD SURVEY PERFORMED ON APRIL 12, 1990.
2. EASEMENT BEARINGS ARE N.M.S.P GRID BEARINGS, (CENTRAL ZONE).
3. A BOUNDARY SURVEY HAS NOT BEEN PERFORMED; SCHOOL BOUNDARY DATA BASED ON PLAT OF SURVEY PREPARED BY ROSS HOWARD COMPANY ON SEPTEMBER 13, 1977.
4. EASEMENT FILED ON SEPTEMBER 21, 1990, BOOK 90-15, PAGES 7117-71121, DOC. # 9073814.

26 4 1 1 1 . 9 0 1 9 9 0

RECORD DRAWING

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Jeffrey G. Mortensen 10-24-90
NMPE No. 8547 Date

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

AS BUILT INFORMATION

CONTRACTOR	JONES INDUSTRIES
WORK STAKED BY	J.M.A. DATE 08/90
INSPECTORS ACCEPTANCE BY	M.A.S. DATE 10/90
FIELD VERIFICATION BY	M.A.S. DATE 10/90
DRAWINGS CORRECTED BY	J.M.A. DATE 10/90
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO	

BENCH MARKS

A.C.S. STATION 5-C134, A STANDARD BRASS TABLET SET FLUSH WITH THE GROUND. STATION IS LOCATED WITHIN THE NORTHERLY R.O.W. OF CANDELARIA RD. N.W. APPROX. 64' EAST OF ENTRANCE LANE TO VALLEY HIGH SCHOOL, ON THE NORTH OF THE SIDEWALK.
ELEVATION = 4869.39 FEET (M.S.L.D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

SURVEYOR'S SEAL

REGISTERED LAND SURVEYOR STATE OF NEW MEXICO 6844 WILLIAM P. PHILLIPS 6-25-90

REMARKS

REVISIONS

NO.	DATE	AS-BUILT	BY
1	10/90		J.M.A.

DESIGN

DESIGNED BY	J.G.M. & J.M.C.	DATE 6-90
DRAWN BY	J.M.C.	DATE 6-90
CHECKED BY	J.G.M. & W.P.P.	DATE 6-90

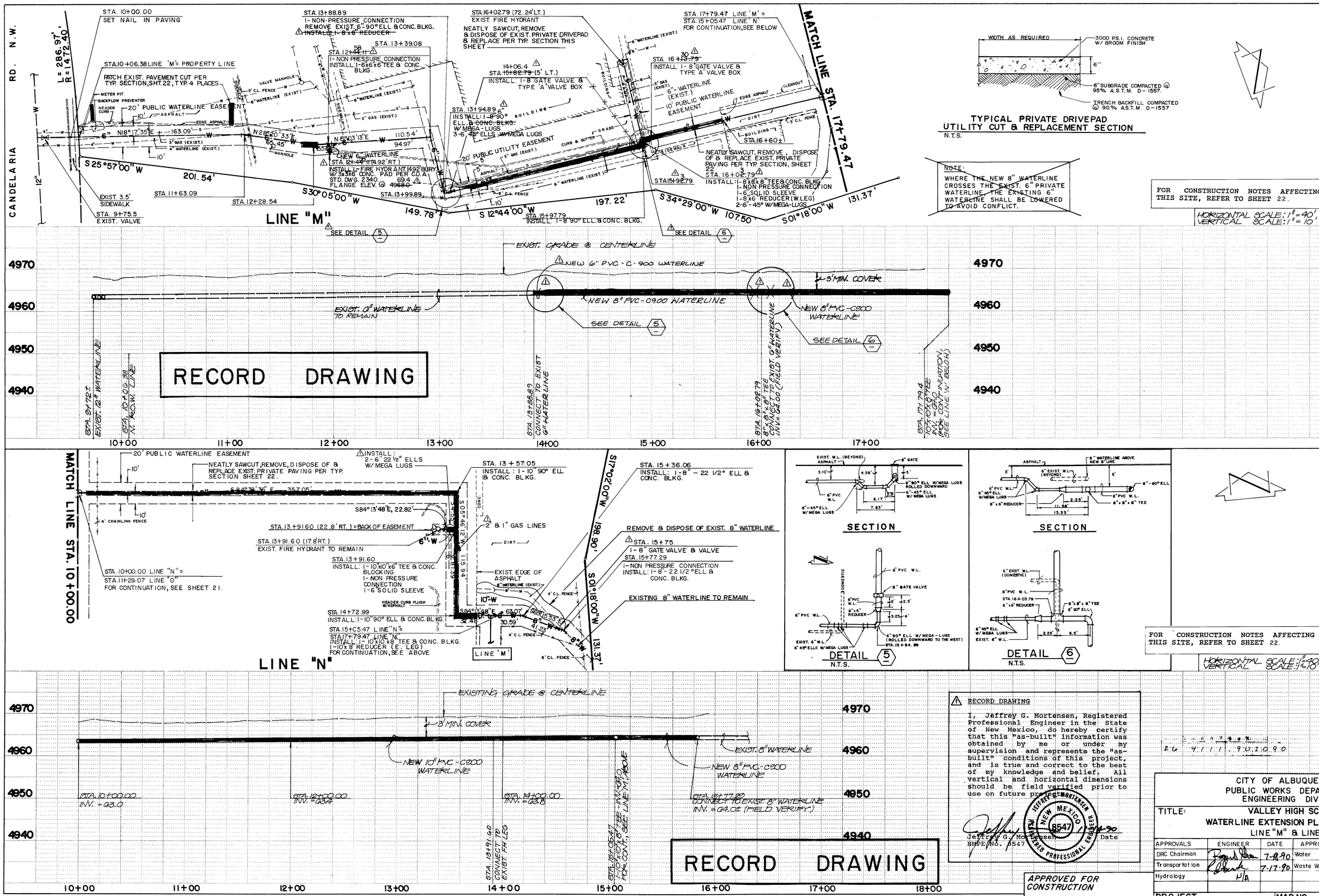
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: VALLEY HIGH SCHOOL
EASEMENT SURVEY

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman		7-18-90	Water	R.W. Kane	7-16-90
Transportation		7-12-90	Waste Water	R.W. Kane	7-16-90
Hydrology	N/A				

PROJECT NO.	MAP NO.	SHEET	OF
4111.90	G-13	19	25

JOB NO. 871829



TYPICAL PRIVATE DRIVEPAD
UTILITY CUT & REPLACEMENT SECTION
N.T.S.

NOTE:
WHERE THE NEW 8" WATERLINE CROSSES THE EXIST. 6" PRIVATE WATERLINE, THE EXISTING 6" WATERLINE SHALL BE LOWERED TO AVOID CONFLICT.

FOR CONSTRUCTION NOTES AFFECTING THIS SITE, REFER TO SHEET 22.

HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=10'

FOR CONSTRUCTION NOTES AFFECTING THIS SITE, REFER TO SHEET 22.

HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=10'

RECORD DRAWING

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Jeffrey G. Mortensen Date
NMPE/No. 8547

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE

871829

SCANNED BY BY LASON

AS BUILT INFORMATION

CONTRACTOR	JONES INDUSTRIES	
WORK STAKED BY	J.M.A.	DATE 08/90
INSPECTOR'S ACCEPTANCE BY	M.A.S.	DATE 10/90
FIELD VERIFICATION BY	M.A.S.	DATE 10/90
DRAWINGS CORRECTED BY	J.M.A.	DATE 10/90
MICRO-FILM		
RECORDED BY		DATE
NO.		

BENCH MARKS

A.C.S. STATION 5-G13A, A STANDARD BRASS TABLET SET FLUSH WITH THE GROUND, STATION IS LOCATED WITHIN THE NORTHERN ROW. OF CANDELARIA RD. N.W., APPROX. 64' EAST OF THE ENTRANCE LANE TO VALLEY HIGH SCHOOL, ON THE NORTH SIDE OF THE SIDEWALK.
ELEVATION = 4967.94 FEET (N.G.L.D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
1	10/90	AS-BUILT	J.G.M.

REVISIONS

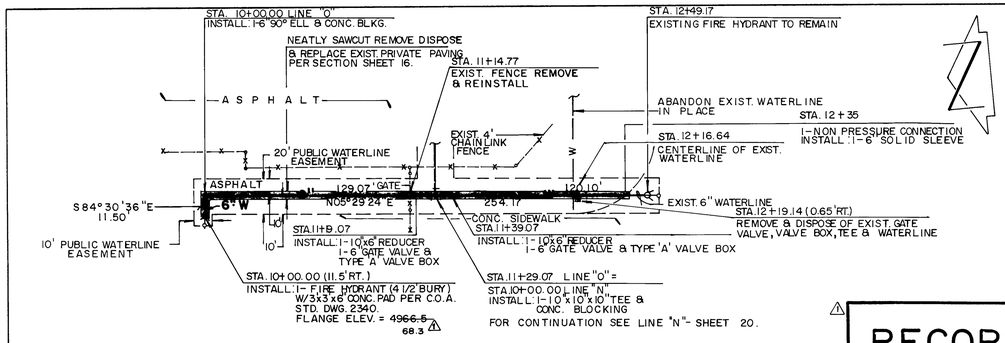
DESIGN		
DESIGNED BY	J.G.M. & J.M.C.	DATE 6-90
DRAWN BY	J.M.C.	DATE 6-90
CHECKED BY	J.G.M.	DATE 6-90

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: VALLEY HIGH SCHOOL
WATERLINE EXTENSION PLAN & PROFILE
LINE "M" & LINE "N"

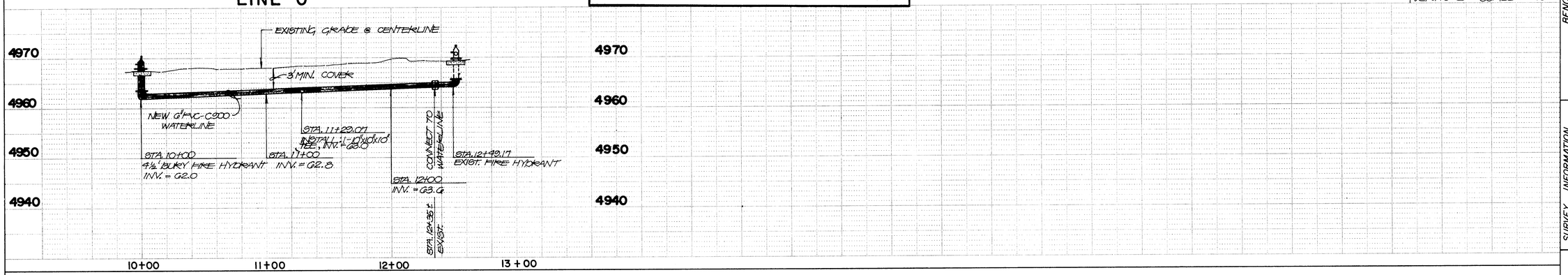
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chairman		7-18-90	Water	R.W. Kane	7-16-90
Transportation		7-17-90	Waste Water	R.W. Kane	7-16-90
Hydrology	N/A				

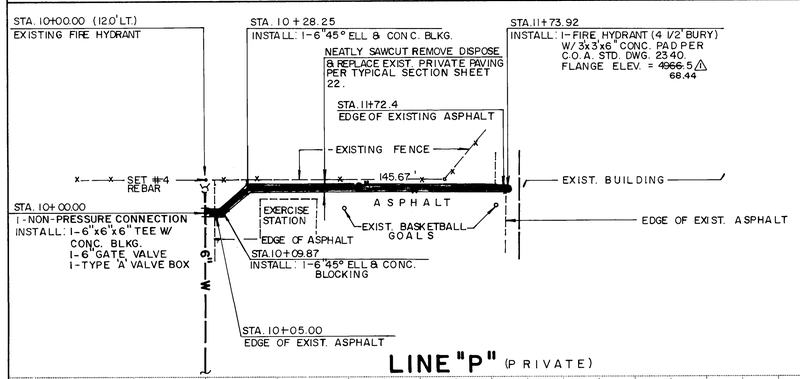
PROJECT NO.	MAP NO.	SHEET	OF
4111.90	G-13	20	25



LINE "O"

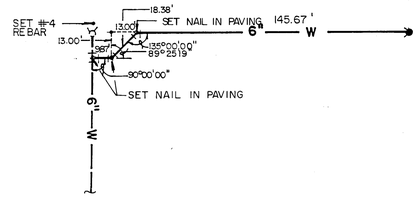
RECORD DRAWING



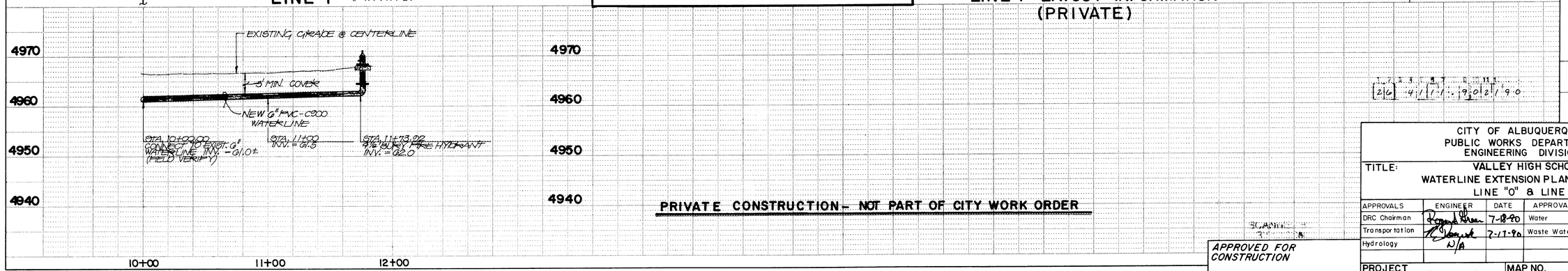


LINE "P" (PRIVATE)

RECORD DRAWING



LINE 'P' LAYOUT INFORMATION (PRIVATE)



PRIVATE CONSTRUCTION - NOT PART OF CITY WORK ORDER

RECORD DRAWING

FOR CONSTRUCTION NOTES AFFECTING THIS SITE, REFER TO SHEET 22.

HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 10'

FOR CONSTRUCTION NOTES AFFECTING THIS SITE, REFER TO SHEET 22.

HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 10'

AS BUILT INFORMATION

RECORD DRAWING

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Jeffrey G. Mortensen 10-19-90 Date
NMPE No. 8547

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

CONTRACTOR	JONES INDUSTRIES
WORK STAKED BY	J.G.M.
INSPECTOR'S ACCEPTANCE BY	M.A.G. DATE 08/90
FIELD VERIFICATION BY	M.A.G. DATE 10/90
DRAWINGS CORRECTED BY	J.M.A. DATE 10/90
RECORDED BY	MICRO-FILM INFORMATION DATE
NO.	

BENCH MARKS

A.C.S. STATION 5-C13A, A STANDARD BRASS TABLET SET FLUSH WITH THE GROUND. STATION IS LOCATED WITHIN THE NORTHERN R.O.W. OF CANDELARIA RD. N.W., APPROX. 64' EAST OF THE ENTRANCE LANE TO VALLEY HIGH SCHOOL, ON THE NORTH SIDE OF THE SIDEWALK.
ELEVATION = 4937.94 FEET (N.G.V.D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER
10-19-90

NO.	DATE	REMARKS	BY
1	10/90	AS-BUILT	J.G.M.

REVISIONS

DESIGNED BY	J.G.M. & J.M.C.	DATE 5-90
DRAWN BY	J.M.C.	DATE 5-90
CHECKED BY	J.G.M.	DATE 5-90

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: VALLEY HIGH SCHOOL
WATERLINE EXTENSION PLAN & PROFILE
LINE "O" & LINE "P"

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chairman		7-18-90	Water	R.D. Kane	7-16-90
Transportation		7-17-90	Waste Water	R.W. Kane	7-16-90
Hydrology	N/A				

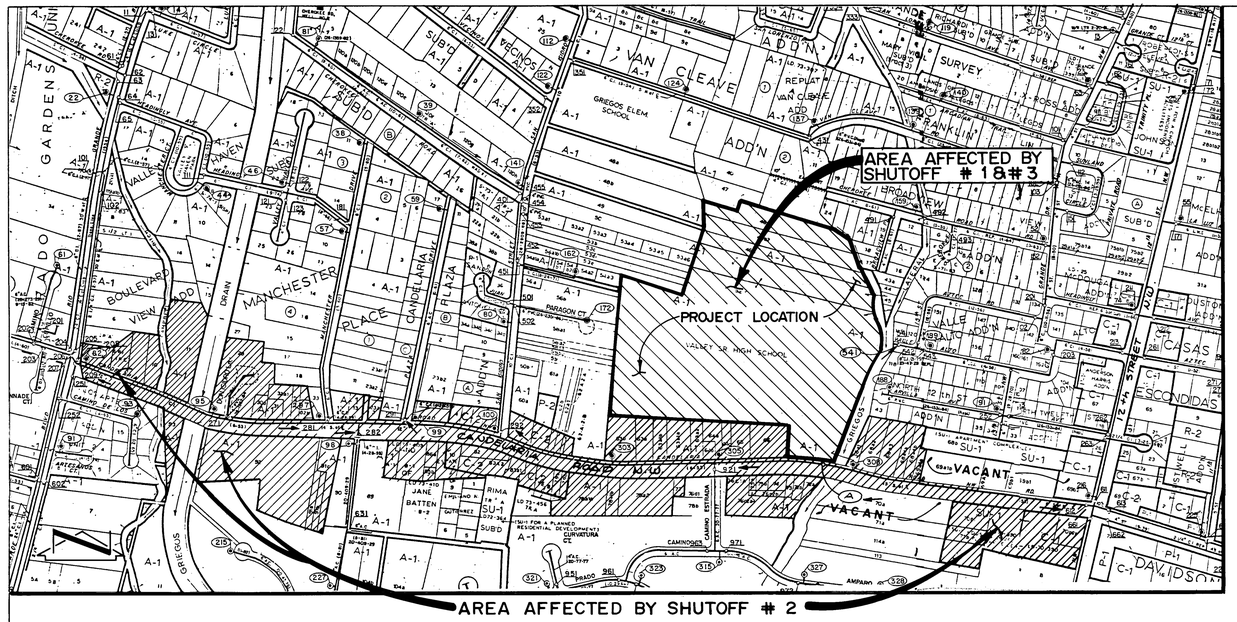
APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE

PROJECT NO.	MAP NO.	SHEET	OF
4111.90	G-13	21	25

871829

SCANNED BY BY LASON



VALLEY HIGH SCHOOL WATER VALVE SHUTOFF PLAN

SCALE : 1" = 400' (APPROX.)

VALLEY HIGH SCHOOL WATER VALVE
SHUTOFF PLAN
NOTES:

1. AS A MINIMUM, THE FOLLOWING VALVES SHALL BE CLOSED TO EFFECT THE RESPECTIVE SHUTOFFS:

   A. SHUTOFF #1 (CONNECTION IN VALLE ALTO N.W.); VALVE 541.

   B. SHUTOFF #2 (CONNECTION IN CANDELARIA ROAD N.W.); VALVES 209, 281, 282, 291, 292, 921, AND 612.

   C. SHUTOFF #3 (CONNECTION ONSITE TO LINE "M"); VALVE "A" WHICH IS LOCATED ON EXISTING 6" WATERLINE PRESENTLY SERVING THE SITE AS A PRIVATE UNMETERED FIRE PROTECTION LINE.

2. THE CONTRACTOR SHALL NOTIFY WATER SYSTEMS, THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING WATERLINE; ALL SHUTOFFS SHALL BE PERFORMED BY THE WATER SYSTEM DIVISION PERSONNEL.

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 WATER SECTIONAL MAPS G-13N AND G-14N.

5. SHUTOFF #2 WILL ONLY BE REQUIRED IF THE EXISTING 6" GATE VALVE IN CANDELARIA ON LINE "M" DOES NOT PERFORM UNDER HYDROSTATIC TEST AND THEREFORE MUST BE REPLACED.

NOTES:

1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM 260-1990, FOR LOCATION OF EXISTING UTILITIES.

2. 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 OF 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.

3. 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.

4. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUILDINGS AND ADJACENT PROPERTIES DURING CONSTRUCTION.

5. THE 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 AND MAINTAINING TEMPORARY BERMS AT THE PROPERTY LINES AND WETTING THE SOIL TO KEEP IT FROM BLOWING.

6. 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.

7. IF THE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK, AND/OR PAVING IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. WHEN ABUTTING NEW PAVEMENT TO EXISTING, THE CONTRACTOR SHALL CUT BACK THE EXISTING PAVING TO A STRAIGHT LINE IN ORDER TO REMOVE ANY BROKEN OR CRACKED PAVEMENT. CURB AND GUTTER AND/OR PAVEMENT SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT AND WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFELY OBTAINING THE REQUIRED COMPACTION. THE CONTRACTOR SHALL SELECT AND USE METHODS WHICH SHALL NOT BE INJURIOUS OR DAMAGING TO THE EXISTING FACILITIES AND STRUCTURES WHICH SURROUND THE WORK AREAS.

9. THE CONTRACTOR SHALL CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS IN ORDER TO PRESERVE THE EXISTING IMPROVEMENTS AND SO AS NOT TO INTERFERE WITH THE OPERATIONS OF THE EXISTING FACILITIES.

10. WHERE THE NEW WATERLINE CROSSES UNDER EXISTING FENCES, THE CONTRACTOR SHALL TUNNEL UNDER THE FENCE IN ORDER TO TRENCH AND INSTALL THE NEW WATERLINE. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO THE FENCE DURING THE CONSTRUCTION PERIOD AND SHALL REPAIR AND/OR REPLACE THE FENCE, IF NECESSARY, AT HIS EXPENSE AND AT NO ADDITIONAL COST TO THE OWNER. ALL REPAIRS OR REPLACEMENT OF EXISTING FENCING SHALL BE EQUAL TO OR BETTER THAN THE EXISTING CONDITION OF THE FENCE.

11. ANY EXISTING TREES FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. THIS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.

12. SEVENTY-TWO (72) HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ON EACH OF THE SITES, THE CONTRACTOR SHALL NOTIFY THE OWNER OF HIS INTENT TO BEGIN CONSTRUCTION. CONTACT MR. BOB ROBIE, FACILITIES, PLANNING AND CONSTRUCTION, 242-5865.

13. WHERE EXISTING FIRE HYDRANTS ARE TO BE REMOVED AND RELOCATED, THE CONTRACTOR SHALL COORDINATE THIS WORK WITH THE OWNER SO THAT SCHOOL OPERATIONS ARE NOT ADVERSELY IMPACTED AND THE NECESSARY PRIVATE WATERLINE SHUTOFFS CAN BE ACCOMPLISHED. CONTACT MR. KEITH RUTHERFORD, MAINTENANCE AND OPERATIONS, 765-5950.

14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE REPAIR OF ANY EXISTING FACILITIES, STRUCTURES, OR UTILITIES DAMAGED BY CONSTRUCTION. REPAIRS SHALL BE MADE AT THE SOLE EXPENSE OF THE CONTRACTOR AND AT NO ADDITIONAL COST TO THE OWNER.

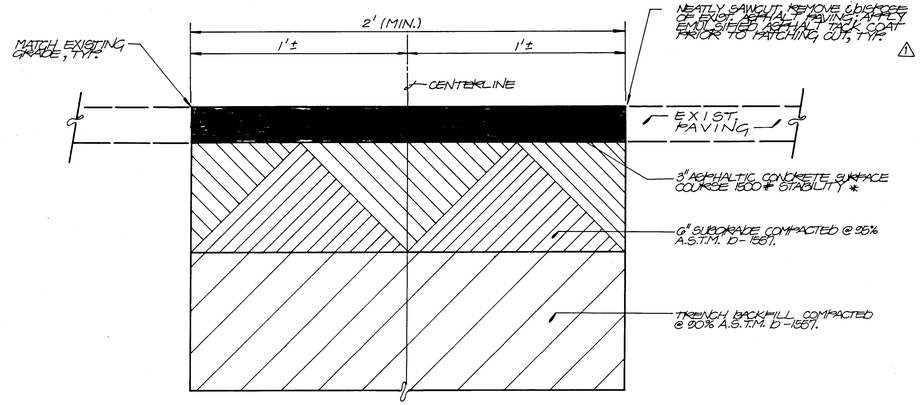
15. WHERE WATER AND SANITARY SEWER LINES CROSS THE SANITARY SEWER LINE SHALL BE CONCRETE ENCASED FOR A DISTANCE OF 10 FEET EACH SIDE OF THE CROSSING IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.

16. ELECTRONIC MARKER DISKS (EMD'S) SHALL BE PLACED ABOVE ALL FITTINGS IN ACCORDANCE WITH SECTION 170 OF THE "STANDARD SPECIFICATIONS".

17. IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18 INCHES ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.

18. VALVE STEM EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF THE VALVE STEM EXTENSIONS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.

RECORD DRAWING



* SUBSTITUTE 2" THICKNESS IN NON-TRAFFIC AREAS.

TYPICAL PRIVATE PAVING UTILITY CUT & PAVEMENT REPLACEMENT SECTION

SCALE: 1" = 4'

1 2 3 4 5 6 7 8 9 10 11 12 13
2 6 4 1 1 1 . 9 0 2 2 9 0

SCANNED BY ASCII 871829

AS BUILT INFORMATION

CONTRACTOR JONES INDUSTRIES
WORK STAKED BY J.G.M. DATE 08/90
INSPECTOR'S ACCEPTANCE BY M.A.S. DATE 10/90
FIELD VERIFICATION BY M.A.S. DATE 10/90
DRAWINGS CORRECTED BY J.G.M. DATE 10/90
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS

A.C.S. STATION 5-C13A, A STANDARD BRASS TABLET SET FLUSH WITH THE GROUND. STATION IS LOCATED WITHIN THE NORTHERN R.O.W. OF CANDELARIA RD. N.W. APPROX. 6.4' EAST OF THE ENTRANCE LANE TO VALLEY HIGH SCHOOL, ON THE NORTH SIDE OF THE SIDEWALK.
ELEVATION = 4967.94 FEET (M.S.L.D.)

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE

ENGINEER'S SEAL

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER
06-26-90

NO.	DATE	REMARKS	BY
1	10/90	AS-BUILT	J.G.M.

REVISIONS

		DATE
DESIGNED BY	J.G.M.	3-90
DRAWN BY	J.M.C./S.G.H.	3-90
CHECKED BY	J.G.M.	3-90

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 6-26-90

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: VALLEY HIGH SCHOOL
WATER VALVE SHUTOFF PLAN, SECTIONS & DETAILS

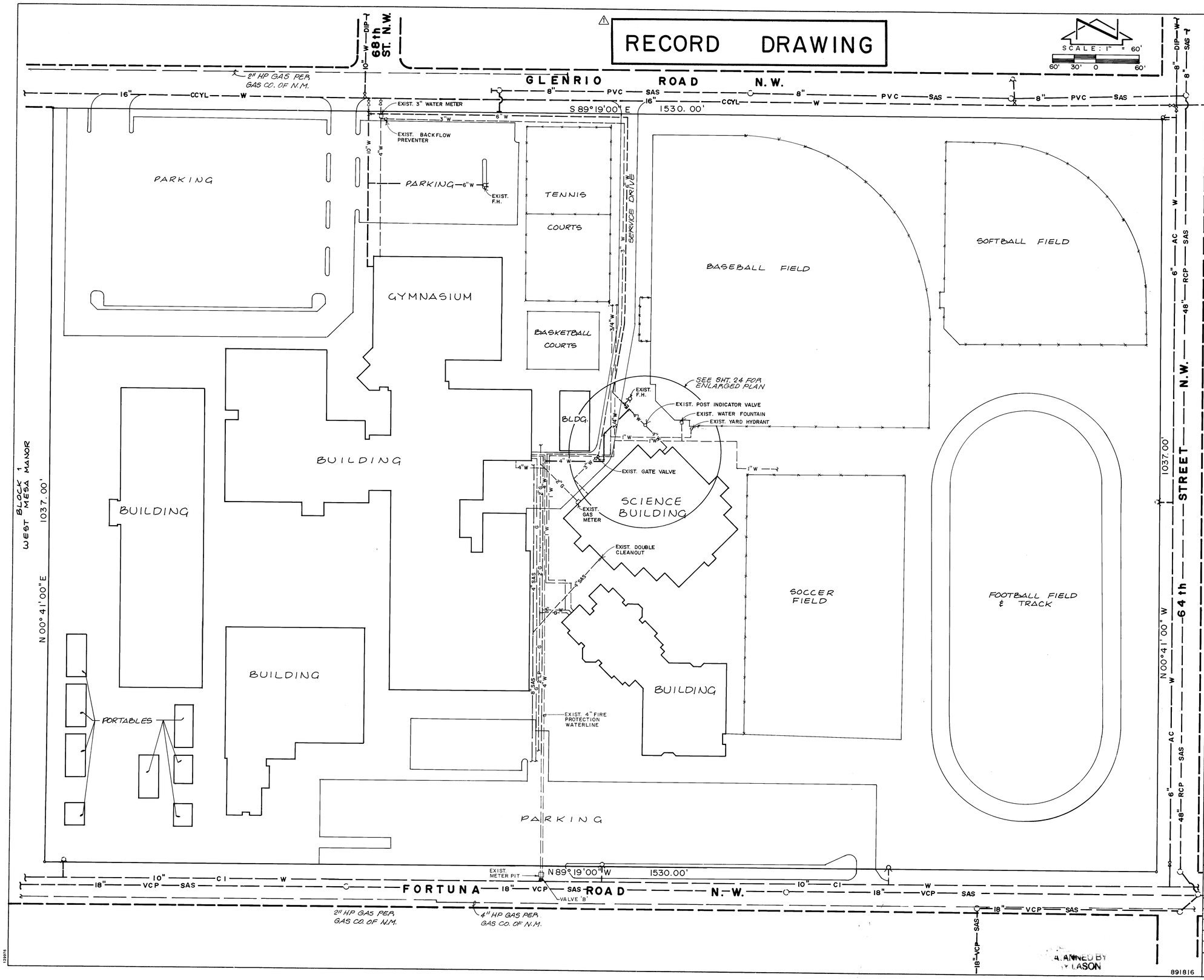
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIRMAN	Roger L. Dean	7-18-90	WATER	R.W. Kane	7-16-90
TRANSPORTATION	[illegible]	7-17-90	WASTE WATER	R.W. Kane	7-16-90
HYDROLOGY	N/A				

PROJECT NO.	MAP NO.	SHEET	OF
4111.90	G-13	22	25

RECORD DRAWING

SCALE: 1" = 60'
60' 30' 0 60'

FOR CONSTRUCTION NOTES AFFECTING THIS SITE, REFER TO SHEET 25.



AS BUILT INFORMATION

CONTRACTOR	JONES INDUSTRIES
WORK STAKED BY	M.A.S. DATE 07/90
INSPECTOR WORKS ACCEPTANCE BY	M.A.S. DATE 10/90
FIELD VERIFICATION BY	M.A.S. DATE 10/90
DRAWINGS CORRECTED BY	J.M.A. DATE 10/90

MICRO-FILM INFORMATION

RECORDED BY DATE

NO

BENCH MARKS

A STANDARD ACS BRASS CAP SET FLUSH W/ SIDEWALK & STAMPED "10-J11". STATION IS LOCATED IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF COORS RD. N.W. & GLENRIO RD. N.W. STATION IS 490' EAST OF THE CENTERLINE OF COORS RD. N.W. & 54.0' NORTH OF THE CENTERLINE OF GLENRIO RD. N.W.

ELEVATION: 5090.74 FEET (M.S.L.D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

10-26-90

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
2 6 1 4 1 7 7 . 9 0 2 3 9 0

RECORD DRAWING

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Jeffrey G. Mortensen
NMPE No. 8547

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

11-14-90
Date

REVISIONS

NO.	DATE	REMARKS	BY
△1	10/90	AS-BUILT	J.G.H.

		DATE
DESIGNED BY	J.G.M.	3-90
DRAWN BY	S.G.H.	3-90
CHECKED BY	J.G.M.	3-90

PRIVATE CONSTRUCTION
NOT PART OF WORK ORDER

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

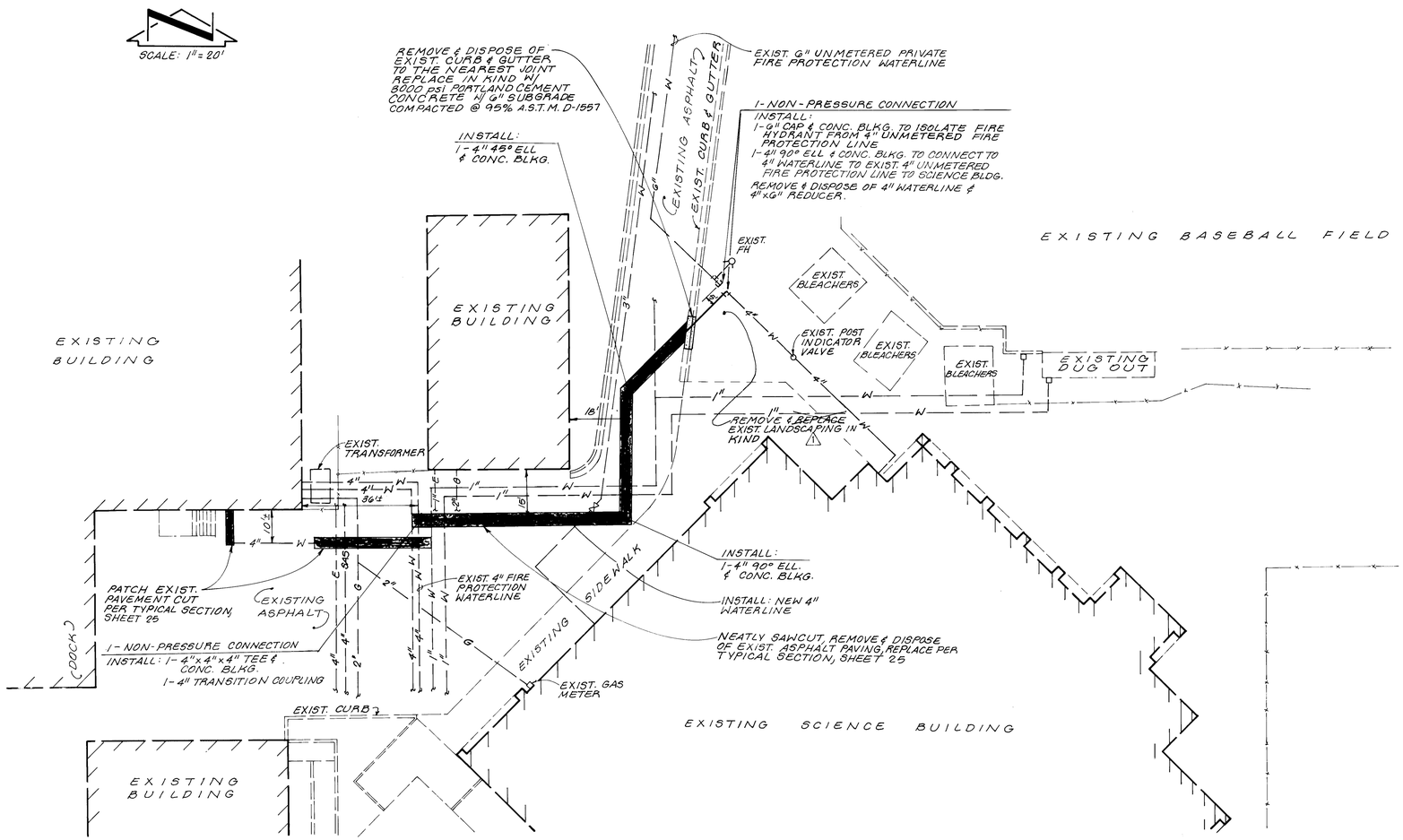
TITLE: WEST MESA HIGH SCHOOL SITE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIRMAN	Richard Sinclair	7-18-90	WATER	R.W. Kane	7-16-90
TRANSPORTATION	[illegible]	7-17-90	WASTE WATER	R.W. Kane	7-16-90
HYDROLOGY	N/A				

PROJECT NO.	MAP NO.	SHEET	OF
4111.90	J-10	23	25

PLANNED BY
T. LASON

891816



NOTES:

1. WATERLINES SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE ALBUQUERQUE PUBLIC SCHOOLS.
2. WATERLINE SHALL HAVE A MINIMUM COVER OF 3'-0" (TOP OF ASPHALT PAVEMENT TO TOP OF PIPE).
3. ALL PIPE SHALL BE FURNISHED WITH CLASS "C" BEDDING UNLESS OTHERWISE NOTED. ALL TRENCH BACKFILL SHALL BE COMPACTED TO A MINIMUM OF 90% OF OPTIMUM, AS PER A.S.T.M. D-1557.

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

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 10-26-90
Jeffrey G. Mortensen, NMPE No. 8547 — Date

JEFFREY G. MORTENSEN — NEW MEXICO — 8547 — REGISTERED PROFESSIONAL ENGINEER

RECORD DRAWING

PRIVATE CONSTRUCTION-NOT PART OF CITY WORK ORDER

SCANNED BY ... BY LASON 891816

AS BUILT INFORMATION

CONTRACTOR JONES INDUSTRIES
WORK STAKED BY M.A.S. DATE 07/90
INSPECTORS ACCEPTANCE BY M.A.S. DATE 10/90
FIELD VERIFICATION BY M.A.S. DATE 10/90
DRAWINGS CORRECTED BY J.M.A. DATE 10/90
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

A STANDARD A.C.S. BRASS CAP SET FLUSH WITH SIDEWALK & STAMPED "18-J11" STATION IS 3.3 MILES N.W. FROM DOWNTOWN ALBUQUERQUE AT THE INTER. SECTION OF COORS RD. N.W. & GLENRIO RD. N.W. LOCATED IN THE NE QUADRANT OF THE INTERSECTION, 49.0' EAST FROM CENTERLINE OF GLENRIO ROAD.
ELEVATION = 5096.74 FEET (M.S.L.D.)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JEFFREY G. MORTENSEN — NEW MEXICO — 8547 — REGISTERED PROFESSIONAL ENGINEER — 10-26-90

NO.	DATE	REMARKS	BY
1	10/90	AS-BUILT	J.M.A.

REVISIONS

DESIGN

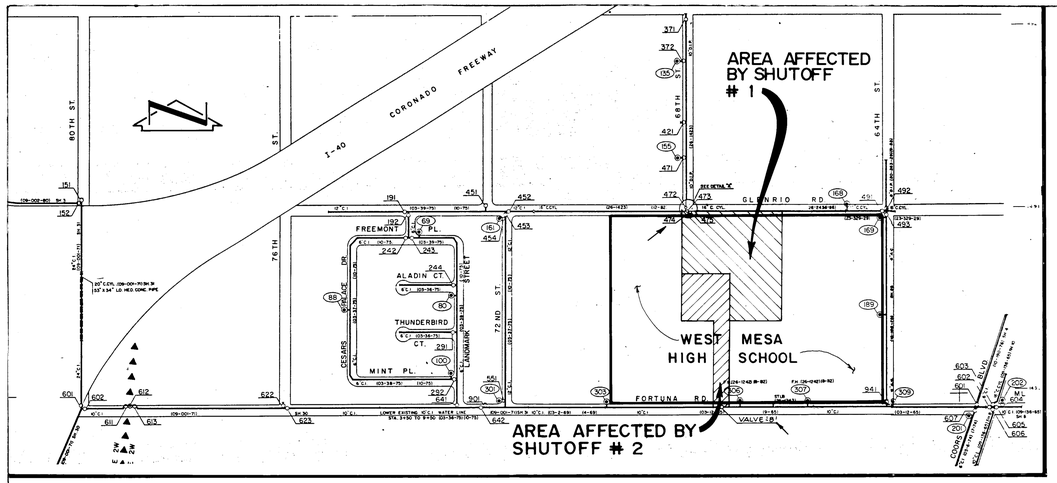
DESIGNED BY LPU DATE 6-90
DRAWN BY MJT DATE 6-90
CHECKED BY JGM DATE 6-90

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: WEST MESA HIGH SCHOOL
UNMETERED FIRE PROTECTION LINE
MODIFICATIONS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman	Roger A. Shea	7-18-90	Water	R.W. Kane	7-16-90
Transportation	R. Dourk	7-17-90	Waste Water	R.W. Kane	7-16-90
Hydrology	N/A				

PROJECT NO. 4111.90 | MAP NO. J-10 | SHEET 24 OF 25



WEST MESA HIGH SCHOOL WATER VALVE SHUTOFF PLAN

SCALE : 1"=400' (APPROX.)

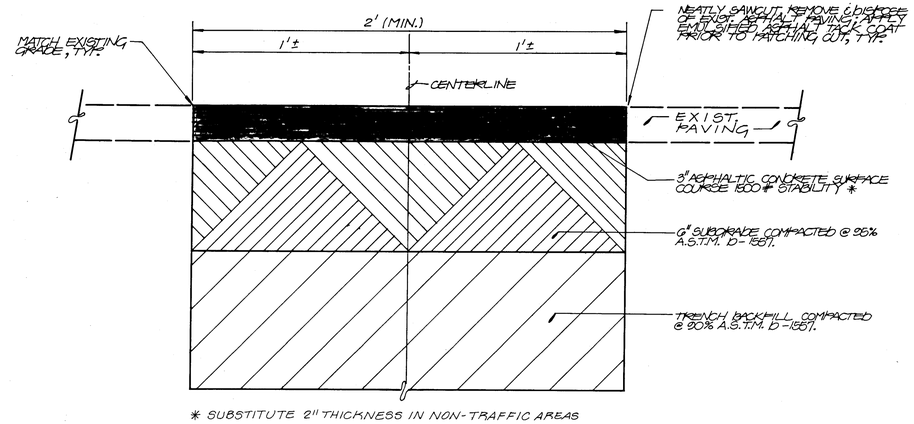
WEST MESA WATER VALVE SHUTOFF PLAN NOTES:

1. IN THE EVENT OF A NON-PRESSURE CONNECTION, THE FOLLOWING VALVES AS A MINIMUM, SHALL BE CLOSED TO EFFECT THE RESPECTIVE SHUTOFFS:
   A. SHUTOFF #1 (CONNECTION TO 6" WATERLINE); 474, (FIELD VERIFY).
   B. SHUTOFF #2 (CONNECTION TO 4" WATERLINE); CLOSE VALVE "B" (FIELD VERIFY).
2. THE CONTRACTOR SHALL NOTIFY WATER SYSTEM, THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING WATERLINE; ALL SHUTOFFS SHALL BE PERFORMED BY THE WATER SYSTEM DIVISION PERSONNEL.
3. THE CONTRACTOR SHALL NOTIFY ALBUQUERQUE PUBLIC SCHOOLS MAINTENANCE AND OPERATIONS (765-5950, EXT. 221), THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT THE EXISTING WATERLINES AND BUILDINGS.
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 WATER SECTIONAL MAPS AND ALBUQUERQUE PUBLIC SCHOOLS AS-BUILTS.

NOTES:

1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM 260-1990, FOR LOCATION OF EXISTING UTILITIES.
2. 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.
3. 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.
4. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUILDINGS AND ADJACENT PROPERTIES DURING CONSTRUCTION.
5. THE 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 AND MAINTAINING TEMPORARY BERMS AT THE PROPERTY LINES AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
6. 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.
7. IF THE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK, AND/OR PAVING IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. WHEN ABUTTING NEW PAVEMENT TO EXISTING, THE CONTRACTOR SHALL CUT BACK THE EXISTING PAVING TO A STRAIGHT LINE IN ORDER TO REMOVE ANY BROKEN OR CRACKED PAVEMENT. CURB AND GUTTER AND/OR PAVEMENT SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT AND WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFELY OBTAINING THE REQUIRED COMPACTION. THE CONTRACTOR SHALL SELECT AND USE METHODS WHICH SHALL NOT BE INJURIOUS OR DAMAGING TO THE EXISTING FACILITIES AND STRUCTURES WHICH SURROUND THE WORK AREAS.
9. THE CONTRACTOR SHALL CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS IN ORDER TO PRESERVE THE EXISTING IMPROVEMENTS AND SO AS NOT TO INTERFERE WITH THE OPERATIONS OF THE EXISTING FACILITIES.
10. WHERE THE NEW WATERLINE CROSSES UNDER EXISTING FENCES, THE CONTRACTOR SHALL TUNNEL UNDER THE FENCE IN ORDER TO TRENCH AND INSTALL THE NEW WATERLINE. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO THE FENCE DURING THE CONSTRUCTION PERIOD AND SHALL REPAIR AND/OR REPLACE THE FENCE, IF NECESSARY, AT HIS EXPENSE AND AT NO ADDITIONAL COST TO THE OWNER. ALL REPAIRS OR REPLACEMENT OF EXISTING FENCING SHALL BE EQUAL TO OR BETTER THAN THE EXISTING CONDITION OF THE FENCE.
11. ANY EXISTING TREES FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. THIS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
12. SEVENTY-TWO (72) HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ON EACH OF THE SITES, THE CONTRACTOR SHALL NOTIFY THE OWNER OF HIS INTENT TO BEGIN CONSTRUCTION. CONTACT MR. BOB ROBIE, FACILITIES, PLANNING AND CONSTRUCTION, 242-5865.
13. WHERE EXISTING FIRE HYDRANTS ARE TO BE REMOVED AND RELOCATED, THE CONTRACTOR SHALL COORDINATE THIS WORK WITH THE OWNER SO THAT SCHOOL OPERATIONS ARE NOT ADVERSELY IMPACTED AND THE NECESSARY PRIVATE WATERLINE SHUTOFFS CAN BE ACCOMPLISHED. CONTACT MR. KEITH RUTHERFORD, MAINTENANCE AND OPERATIONS, 765-5950.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE REPAIR OF ANY EXISTING FACILITIES, STRUCTURES, OR UTILITIES DAMAGED BY CONSTRUCTION. REPAIRS SHALL BE MADE AT THE SOLE EXPENSE OF THE CONTRACTOR AND AT NO ADDITIONAL COST TO THE OWNER.
15. WHERE WATER AND SANITARY SEWER LINES CROSS THE SANITARY SEWER LINE SHALL BE CONCRETE ENCASED FOR A DISTANCE OF 10 FEET EACH SIDE OF THE CROSSING IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.
16. ELECTRONIC MARKER DISKS (EMD'S) SHALL BE PLACED ABOVE ALL FITTINGS IN ACCORDANCE WITH SECTION 170 OF THE "STANDARD SPECIFICATIONS".
17. IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18 INCHES ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
18. VALVE STEM EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF THE VALVE STEM EXTENSIONS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.

⚠ RECORD DRAWING



* SUBSTITUTE 2" THICKNESS IN NON-TRAFFIC AREAS

TYPICAL PRIVATE PAVING UTILITY CUT & PAVEMENT REPLACEMENT SECTION

SCALE: 1" = 4'

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

SCANNED BY LASON 891816

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

A STAMPED ACS BRASS CAP SET FLUSH W/SIDEWALK
℄ STAMPED "16-J11". STATION IS LOCATED IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF COORS RD N.W. & GLENRIO RD. N.W. STATION IS 49.0' EAST OF THE CENTERLINE OF COORS RD. N.W. & 54.0' NORTH OF THE CENTERLINE OF GLENRIO RD. N.W.
ELEVATION = 5096.74 FEET (M.S.L.D.)

AS BUILT INFORMATION

CONTRACTOR	JONES INDUSTRIES
WORK STAKED BY	M.A.S. DATE 07/90
INSPECTOR'S ACCEPTANCE BY	M.A.S. DATE 10/90
FIELD VERIFICATION BY	M.A.S. DATE 10/90
DRAWINGS CORRECTED BY	J.M.A. DATE 10/90
CERTIFIED RECORDED BY	MICRO-FILM INFORMATION
	DATE
RECORDED BY	
	DATE
NO.	

ENGINEER'S SEAL

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER
4-26-90

NO.	DATE	REMARKS	BY
1	10/90	AS-BUILT	J.G.M.

REVISIONS

		DATE
DESIGN		
DESIGNED BY	J.G.M.	3-90
DRAWN BY	J.M.C./S.G.H.	3-90
CHECKED BY	J.G.M.	3-90

⚠ RECORD DRAWING

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Jeffrey G. Mortensen 4-90
NMPE No. 8547 Date

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: WEST MESA HIGH SCHOOL
WATER VALVE SHUTOFF PLAN, SECTIONS & DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIRMAN		7-18-90	WATER	R.W. Kane	7-16-90
TRANSPORTATION		7-17-90	WASTE WATER	R.W. Kane	7-16-90
HYDROLOGY	N/A				

PROJECT NO.	MAP NO.	SHEET	OF
4111.90	J-10	25	25