

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

SCANNED BY
MESA REPRO

EXHIBIT 'A-1'
PUBLIC WATERLINE EASEMENT SURVEY

EASEMENT DESCRIPTION

A certain tract of land located within the Corporate Limits of the City of Albuquerque, New Mexico, comprising a portion of Tract 21, The High Range at Taylor Ranch I, as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on April 05, 1980, Book D8, Page 103, and being more particularly described as follows:

A 20' City of Albuquerque public waterline easement lying 10' on each side of the following described centerline:

Beginning at the northernmost point of the easement herein described, being a point on the north property line of said Tract 21, also being a point on the south property line of Lot 24, Block 8 of said plat, whence the northwest property corner of said Tract 21 bears N 89°43'51" W a distance of 131.22 feet; thence S 00°16'09" W a distance of 62.00 feet along said centerline to a junction point; thence S 89°43'51" E a distance of 257.54 feet along said centerline; thence S 63°40'32" E a distance of 401.99 feet along said centerline to the southeasternmost point of the easement herein described, being a point on the southeastern property line of said Tract 21, also being a point on the northwest right-of-way line of Mojave Street N.W.

A 20' City of Albuquerque public waterline easement lying 10' on each side of the following described centerline:

Beginning at the aforementioned junction point; thence N 89°43'51" W a distance of 30.00 feet.

Notes:

1. An easement survey was performed in May, 2004. No Property corners were found on the Tract 21 boundary. Adjacent property corners were found as indicated.
2. Site located within Section 23, Township 11 North, Range 2 East, N.M.P.M.
3. All distances are ground distances.
4. Bearings shown hereon are based upon the record plat of Tract 21, The High Range at Taylor Ranch I per the plat filed 04-05-1978, Book D8, Page 103.
5. Purpose of this document is to redefine a new public waterline easement, superseding the easement granted by document filed 07-22-2004, Book A81, Page 2105, Doc. #2004102367.
6. The northern end of the easement described hereon shall lengthen or shorten to intersect with the north property line of Tract 21, also the southeastern end of the easement hereon described shall lengthen or shorten to intersect with the public right-of-way of Mojave Street N.W.

SURVEYORS CERTIFICATION

I, Charles G. Cala, Jr., New Mexico Professional Surveyor No. 11184, do hereby certify; that this easement survey and the actual survey on the ground upon which it is based were performed by me or under my direct supervision; that this survey meets the Minimum Standards for Surveying in New Mexico, and that it is true and correct to the best of my knowledge and belief.

Charles G. Cala, Jr.
Charles G. Cala, Jr., NMPS #11184
03-07-2005
Date



JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS & SURVEYORS (505) 345-4250
JOB NO. 1.083.7 ease

SHEET 1 OF 3

EXHIBIT 'A-1'
PUBLIC WATERLINE EASEMENT SURVEY

BOUNDARY TABLES

LINE	DIRECTION	DISTANCE
L1	N 00°16'09" E	600.00'
L2	S 89°43'51" E	565.00'
L3	N 49°50'58" E	68.35'
L4	S 26°36'15" W	100.77'
L5	S 27°45'00" W	210.85'
L6	N 89°43'51" W	330.12'

CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA
C1	740.00'	253.40'	S 49°57'45" E	252.18'	19°37'15"
C2	381.83'	416.64'	N 59°00'34" E	396.28'	62°31'09"

KEYED NOTES

1. 7' PUBLIC UTILITY AND DRAINAGE EASEMENTS GRANTED BY PLAT D8-103
 2. 10' PNM AND MST&T UNDERGROUND EASEMENT GRANTED BY DOCUMENT EXECUTED ON 06-04-1980
 3. 10' PNM AND MST&T UNDERGROUND EASEMENT GRANTED BY DOCUMENT EXECUTED ON 06-04-1980
 4. 12.5' PNM AND MST&T PADMOUNT EASEMENT GRANTED BY DOCUMENT EXECUTED ON 06-04-1980
- (A) SET MAG NAIL AND WASHER STAMPED "NMPS 11184"
(B) SET #5 REBAR WITH CAP STAMPED "CONTROL PT. NMPS 11184"
(C) SCRIBED MARK IN WALL (FOR LINE ONLY)
(D) FOUND CHISELED "+" IN CONCRETE SIDEWALK
(E) FOUND #5 REBAR, NO I.D.

EASEMENT TABLE

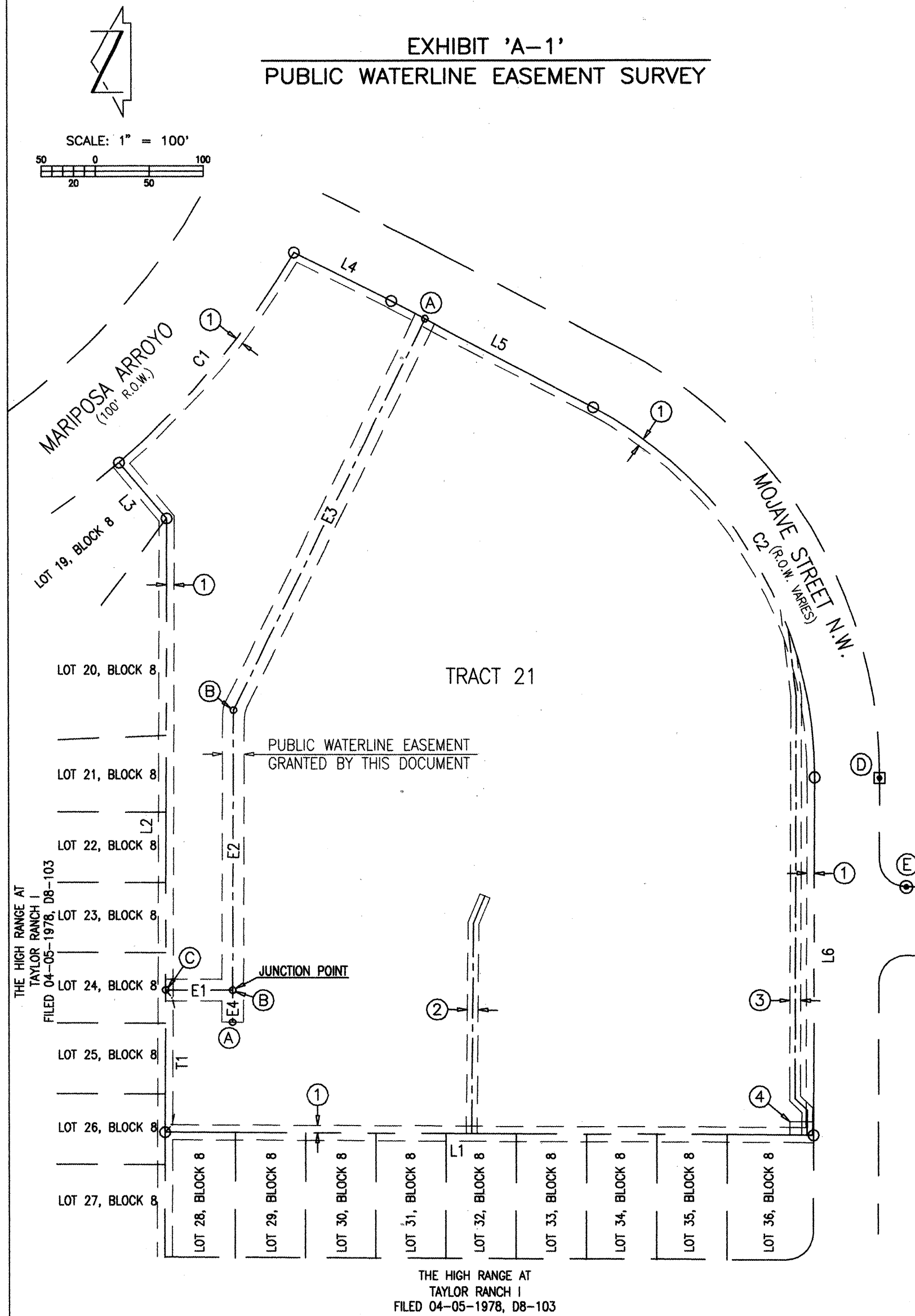
LINE	DIRECTION	DISTANCE
E1	S 00°16'09" W	62.00'
E2	S 89°43'51" E	257.54'
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E4	N 89°43'51" W	30.00'
T1	N 89°43'51" W	131.22'



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ALBUQUERQUE, NEW MEXICO 87109
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JOB NO. 1.083.7 ease

SHEET 2 OF 3

EXHIBIT 'A-1'
PUBLIC WATERLINE EASEMENT SURVEY



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ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS & SURVEYORS (505) 345-4250
JOB NO. 1.083.7 ease

SHEET 3 OF 3



RECORD DRAWING

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	PROJECT BENCHMARK	DATE	FIELD NOTES	NO.	DATE	BY
STAKED BY	DATE	AS 1 3/4" ALUMINUM DISK, STAMPED "AS B.M. 7-D11" EXPOSED TO TOP OF	02/05		1.083.7		J.G.M.
INSPECTOR'S	DATE	CONCRETE BASE OF TRAFFIC LIGHT STANCHION NORTHWESTERLY QUADRANT OF TAYLOR					
FIELD VERIFICATION BY	DATE	RANCH ROAD AND HOMESTEAD CIRCLE (SOUTHERLY PORTION N.W. ON THE WESTERLY					
CORRECTED BY	DATE	CORNER OF SAID CONCRETE BASE. ELEVATION = 5116.66 FEET (NGD 1929)					
MICRO-FILM INFORMATION		REVISIONS		DESIGN		DATE	
RECORDED BY	DATE	T.B.M.					
NO.		A "C" CHISELED AT THE TOP BACK OF CURB SOUTHWEST OF THE P.C. OF					
		THE RETURN TO DROP-OFF LANE AS SHOWN ON THE DRAWING.					
		ELEVATION = 5127.46 FEET					



JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS & SURVEYORS (505) 345-4250
FAX 505 345-4254 ESTABLISHED 1977

1.083.8

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: MARIE HUGHES ELEMENTARY SCHOOL
EASEMENT SURVEY - FINAL

Design Review Committee City Engineer Approval

City Project No. 741381

Zone Map No. D-11

Sheet 2A Of 6

EXHIBIT 'A'
PUBLIC WATERLINE EASEMENT SURVEY

EASEMENT DESCRIPTION

A certain tract of land located within the Corporate Limits of the City of Albuquerque, New Mexico, comprising a portion of Tract 21, The High Range at Taylor Ranch I, as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on April 05, 1980, Book D8, Page 103, and being more particularly described as follows:

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A 20' City of Albuquerque public waterline easement lying 10' on each side of the following described centerline:

Beginning at the aforementioned junction point; thence N 89°43'51" W a distance of 30.00 feet.

Notes:

1. An easement survey was performed in May, 2004. No Property corners were found on the Tract 21 boundary. Adjacent property corners were found as indicated.
2. Site located within Section 23, Township 11 North, Range 2 East, N.M.P.M.
3. All distances are ground distances.
4. Bearings shown hereon are based upon the record plat of Tract 21, The High Range at Taylor Ranch I per the plat filed 04-05-1978, Book D8, Page 103.
5. Purpose of this document is to define the new public waterline easement.
6. The northern end of the easement described hereon shall lengthen or shorten to intersect with the north property line of Tract 21, also the southeastern end of the easement hereon described shall lengthen or shorten to intersect with the public right-of-way of Mojave Street N.W.

SURVEYORS CERTIFICATION

I, Charles G. Cala, Jr., New Mexico Professional Surveyor No. 11184, do hereby certify, that this easement survey and the actual survey on the ground upon which it is based were performed by me or under my direct supervision; that this survey meets the Minimum Standards for Surveying in New Mexico, and that it is true and correct to the best of my knowledge and belief.

Charles G. Cala, Jr., NMPS 11184

Date

Jma

JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS & SURVEYORS (505) 345-4250
JOB NO. 1.083.5 easement

SHEET 1 OF 3

EXHIBIT 'A'
PUBLIC WATERLINE EASEMENT SURVEY

BOUNDARY TABLES

LINE	DIRECTION	DISTANCE
L1	N 00°16'09" E	600.00'
L2	S 89°43'51" E	565.00'
L3	N 49°50'58" E	68.35'
L4	S 26°36'15" W	100.77'
L5	S 27°45'00" W	210.85'
L6	N 89°43'51" W	330.12'

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KEYED NOTES

1. 7' PUBLIC UTILITY AND DRAINAGE EASEMENTS GRANTED BY PLAT D8-103
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- (B) SET #5 REBAR WITH CAP STAMPED "CONTROL PT. NMPS 11184"
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- (D) FOUND CHISELED "+" IN CONCRETE SIDEWALK
- (E) FOUND #5 REBAR, NO I.D.

EASEMENT TABLE

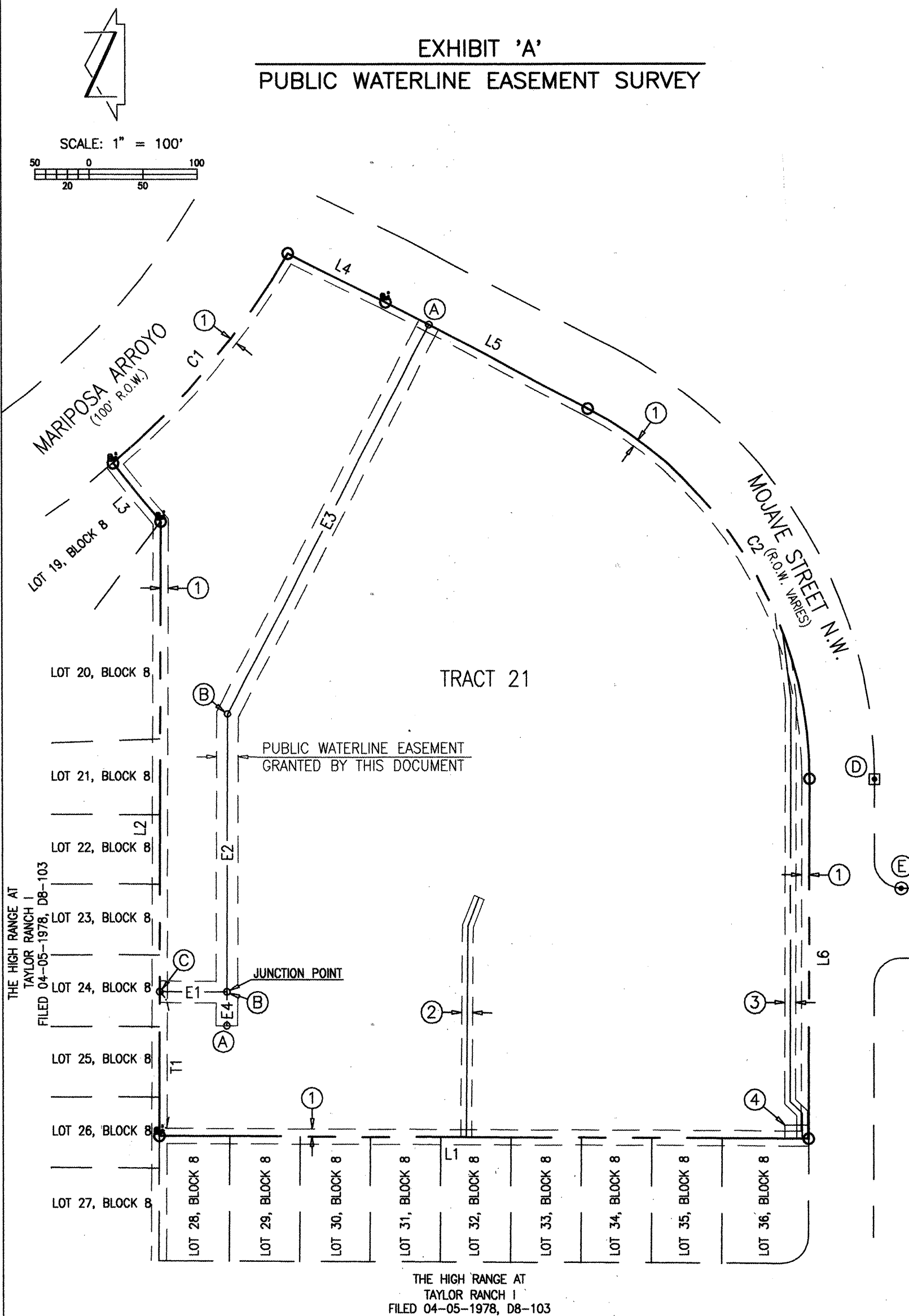
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E2	S 89°43'51" E	257.54'
E3	S 62°15'00" E	401.86'
E4	N 89°43'51" W	30.00'
T1	N 89°43'51" W	131.22'

Jma

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6010-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS & SURVEYORS (505) 345-4250
JOB NO. 1.083.5 easement

SHEET 2 OF 3

EXHIBIT 'A'
PUBLIC WATERLINE EASEMENT SURVEY



Jma

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6010-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS & SURVEYORS (505) 345-4250
JOB NO. 1.083.5 easement

SHEET 3 OF 3

Jma
1.083.5B

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: MARIE HUGHES ELEMENTARY SCHOOL
EASEMENT EXHIBIT (PRELIMINARY)

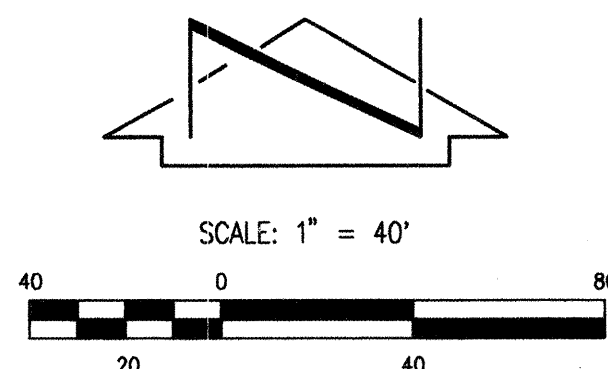
DESIGN REVIEW COMMITTEE
APPROVED
DESIGN REVIEW COMMITTEE

CITY ENGINEER
APPROVED
OCT - 7 2004
CITY ENGINEER

REVISIONS
No. DATE
1 02/05 RECORD DRAWING JEM BY
DESIGN
Designed By J.C.M. Date 06-2004
Drawn By ACAD Date 06-2004
Checked By J.C.M. Date 06-2004

City Project No. 741381 Zone Map No. D-11 Sheet 2 of 6

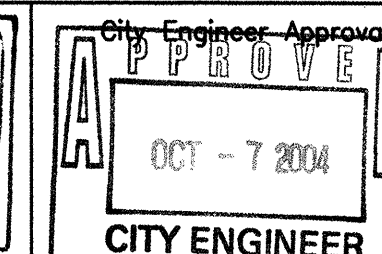
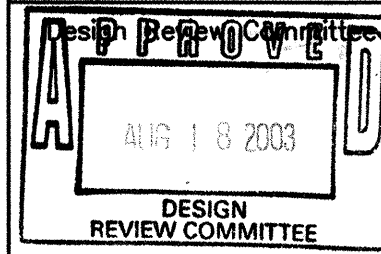
△ RECORD DRAWING



JEFF MORTENSEN & ASSOCIATES, INC.
☐ 6010-B MIDWAY PARK BLVD. N.E.
☐ ALBUQUERQUE ☐ NEW MEXICO 87109
☐ ENGINEERS ☐ SURVEYORS (505) 345-4250
☐ FAX: 505 345-4254 ☐ ESTABLISHED 1977

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: MARIE HUGHES ELEMENTARY SCHOOL
WATER LINE EXTENSION AND FIRE HYDRANT INSTALLATION
SITE PLAN

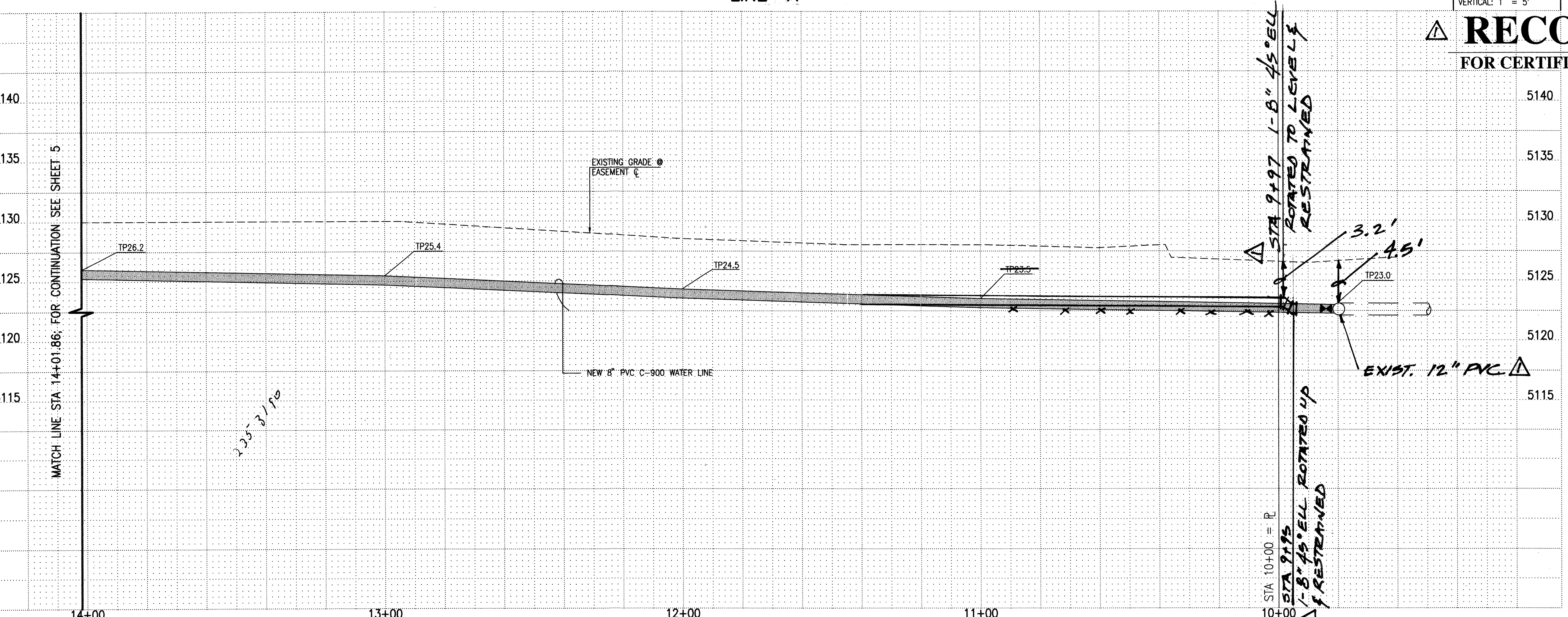


Last Design Update

City Project No.	741381	Zone Map No.	D-11	Sheet	3	Of	6
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07-12-2004



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ORD DRAWING

ICATION, REFER TO COVER SHEET

jma JEFF MORTENSEN & ASSOCIATES, INC.
☐ 6010-B MIDWAY PARK BLVD. N.E.
☐ ALBUQUERQUE ☐ NEW MEXICO 87109
☐ ENGINEERS ☐ SURVEYORS (505) 345-4250
☐ FAX: (505) 345-4254 ☐ ESTABLISHED 1977

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT

TITLE:	MARIE HUGHES ELEMENTARY PUBLIC WATER LINE EX STA 9+80 TO STA 14
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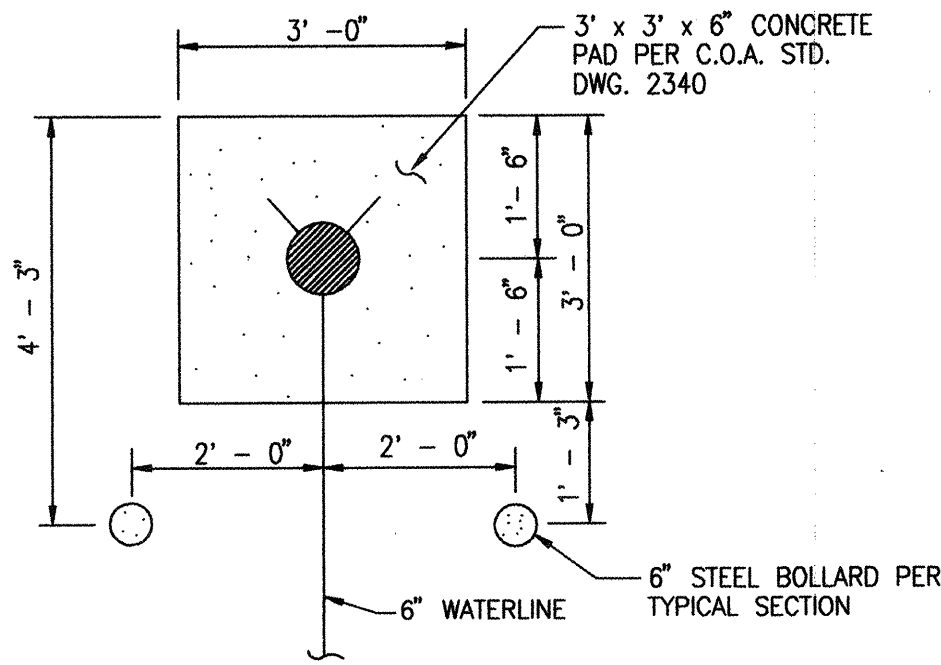
Design Review Committee APPROVED OCT - 7 2004 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED OCT - 7 2004 CITY ENGINEER	Last Design Update
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City Project No.	741381	Zone Map No.	D-11
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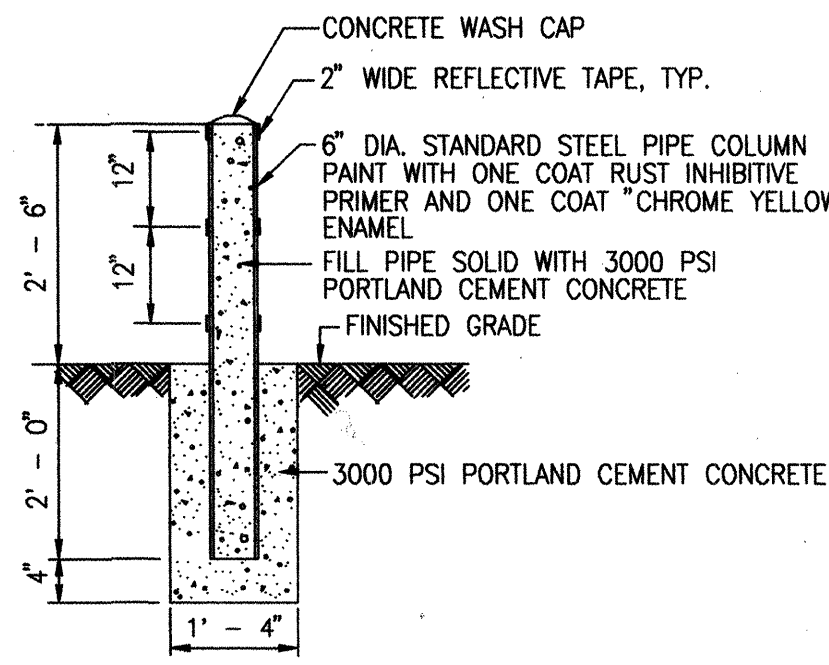
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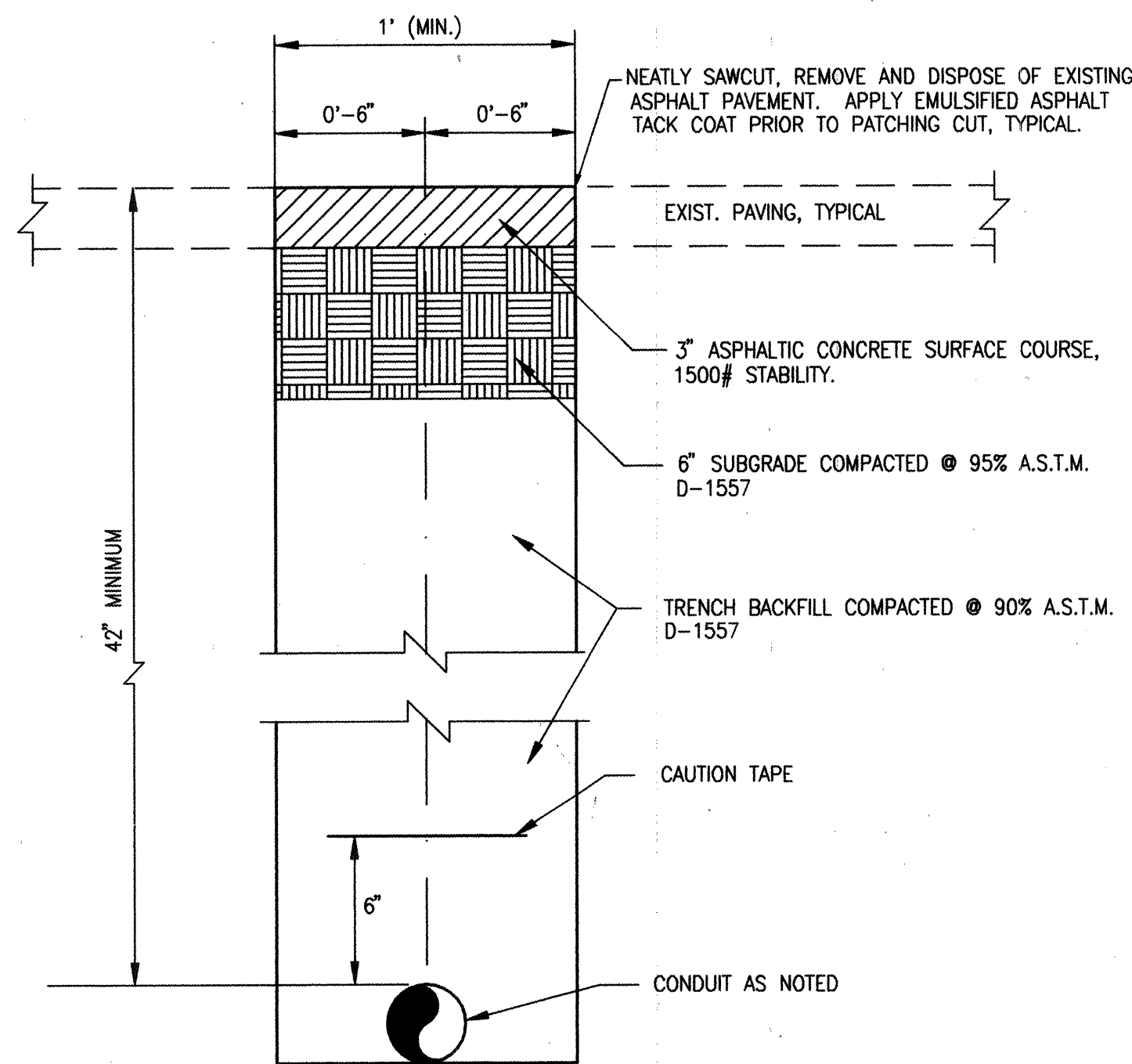
SCANNED BY
MESA REPRO



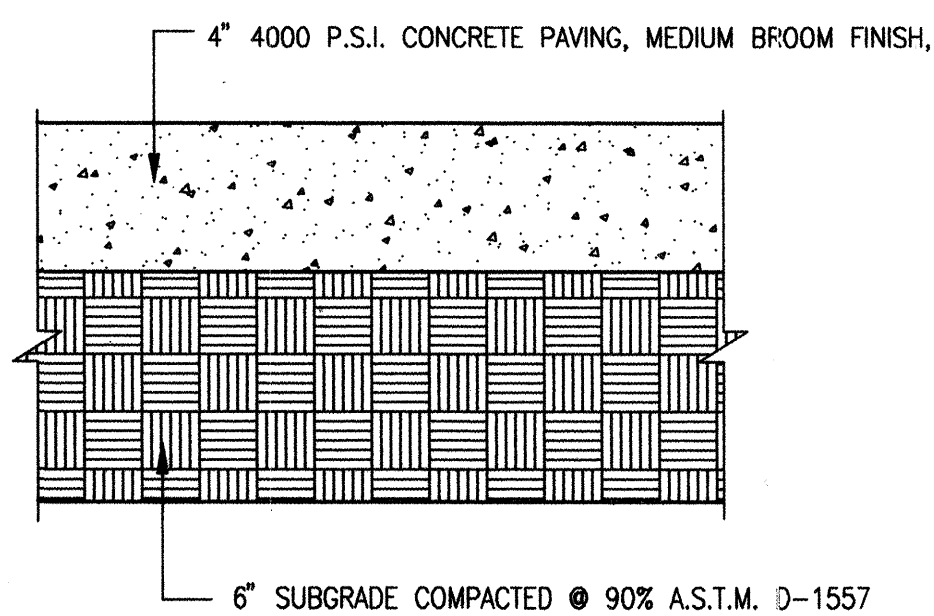
FIRE HYDRANT BOLLARD DETAIL
SCALE: 1" = 2' - 0"



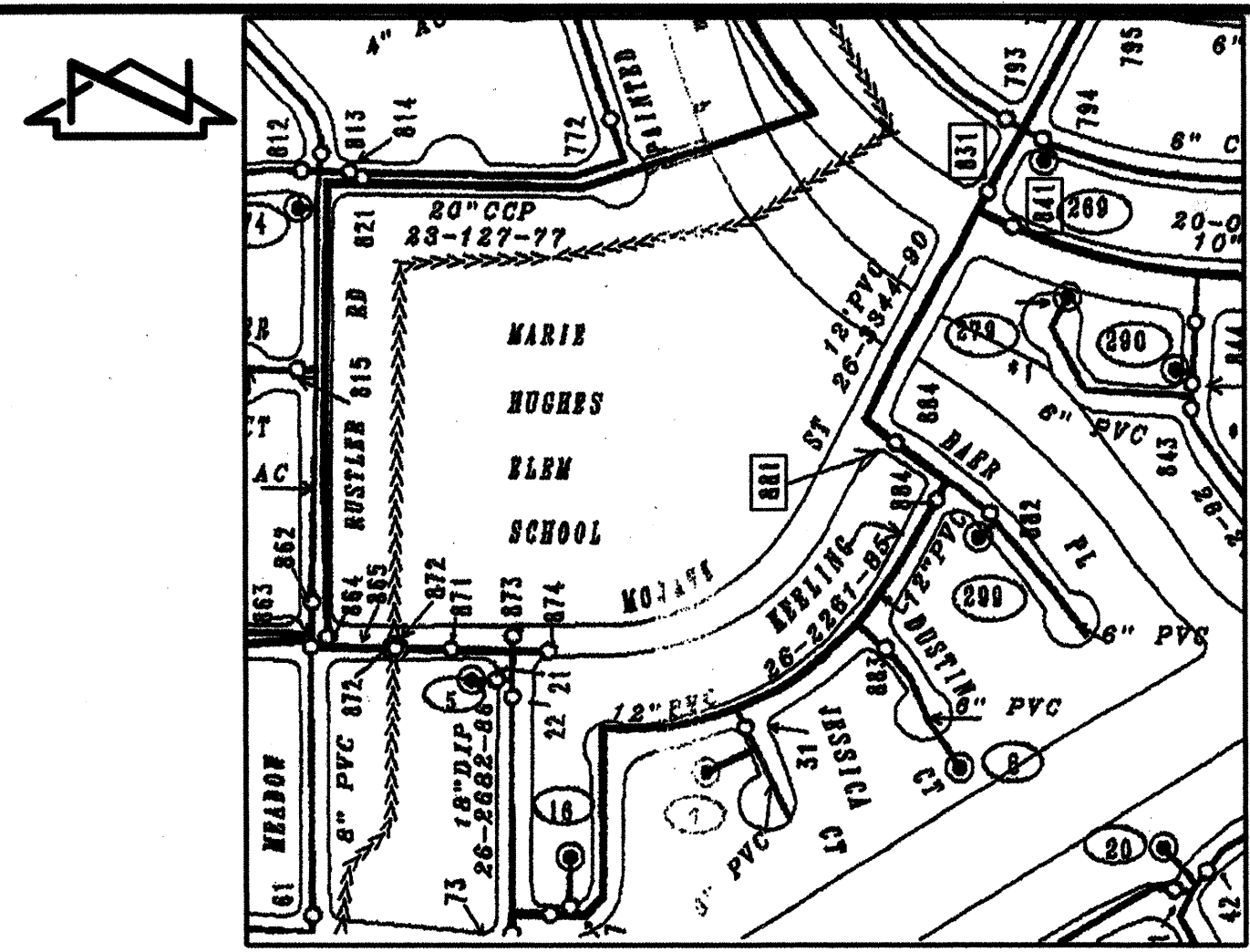
TYPICAL BOLLARD SECTION
SCALE: 1" = 2' - 0"



TYPICAL PRIVATE PAVING UTILITY CUT & PAVEMENT REPLACEMENT SECTION
SCALE: 1" = 6"



TYPICAL CONCRETE PAVEMENT/SIDEWALK SECTION
SCALE: 1" = 5"



WATER VALVE SHUTOFF PLAN
SCALE: 1" = 300'

WATER VALVE SHUTOFF PLAN NOTES:

1. AT A MINIMUM, THE FOLLOWING VALVES (V) MAY NEED TO BE CLOSED TO FACILITATE THE PROPOSED CONNECTION: 832, 841 & 881
2. WATER SYSTEMS PERSONNEL SHALL PERFORM ALL SHUTOFFS. THE CONTRACTOR SHALL NOT OPERATE ANY VALVES THAT MAY AFFECT SYSTEM OPERATIONS.
3. THE CONTRACTOR SHALL REQUEST A WATER SHUTOFF IN WRITING, A MINIMUM OF SEVEN (7) DAYS IN ADVANCE PER STANDARD CITY OF ALBUQUERQUE PROCEDURES.
4. WITHIN FIVE (5) DAYS AFTER RECEIPT OF CONTRACTOR'S SHUTOFF REQUEST, TRIAL SHUTOFFS WILL BE CONDUCTED. CITY TO FURNISH LABOR AND APPURTENANCES NECESSARY TO VERIFY COMPLETENESS OF SHUTOFFS.
5. THE CONTRACTOR SHALL HAVE ALL FITTINGS, MATERIALS AND EQUIPMENT ON SITE PRIOR TO VALVE SHUTOFF. ALL EXCAVATION SHALL BE COMPLETE EXCEPT AS NECESSARY TO MAINTAIN SAFE SYSTEM OPERATION WHILE UNDER PRESSURE.
6. THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS AND THRUST BLOCKS NECESSARY TO EFFECT ALL NECESSARY SHUTOFFS AND CONNECTIONS.
7. EXISTING WATER VALVE AND WATER LINE INFORMATION OBTAINED FROM CITY OF ALBUQUERQUE AUTOMATED WATER DISTRIBUTION SYSTEM SECTIONAL MAPS, MAP GRID D-11
8. AT THE TIME OF WATER SHUTOFF APPLICATION, THE CONTRACTOR SHALL REQUEST THAT WATER SYSTEMS DIVISION NOTIFY ALL AFFECTED PROPERTY OWNERS AT LEAST TWENTY-FOUR (24) HOURS IN ADVANCE OF THE RESPECTIVE SHUTOFFS.

△ RECORD DRAWING

1083.88

JEFF MORTENSEN & ASSOCIATES, INC.
600-9 MIDWAY PARK BLVD. NE
ALBUQUERQUE, NM 87109
ENGINEERS & SURVEYORS CSD 945-4850
FAX: (505) 345-4254 ESTABLISHED 1977

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: MARIE HUGHES ELEMENTARY SCHOOL WATER VALVE SHUTOFF PLAN; SECTIONS & DETAILS	
Design Review Committee APPROVE DESIGN REVIEW COMMITTEE City Project No. 741381	City Engineer Approval APPROVE CITY ENGINEER Zone Map No. D-11
Revisors REMARKS DESIGN J.G.M. Date 06-2004	Revisors REMARKS DESIGN J.G.M. Date 06-2004
Designed By J.G.M. Date 06-2004	Checked By J.G.M. Date 06-2004
Sheet 6 Of 6	