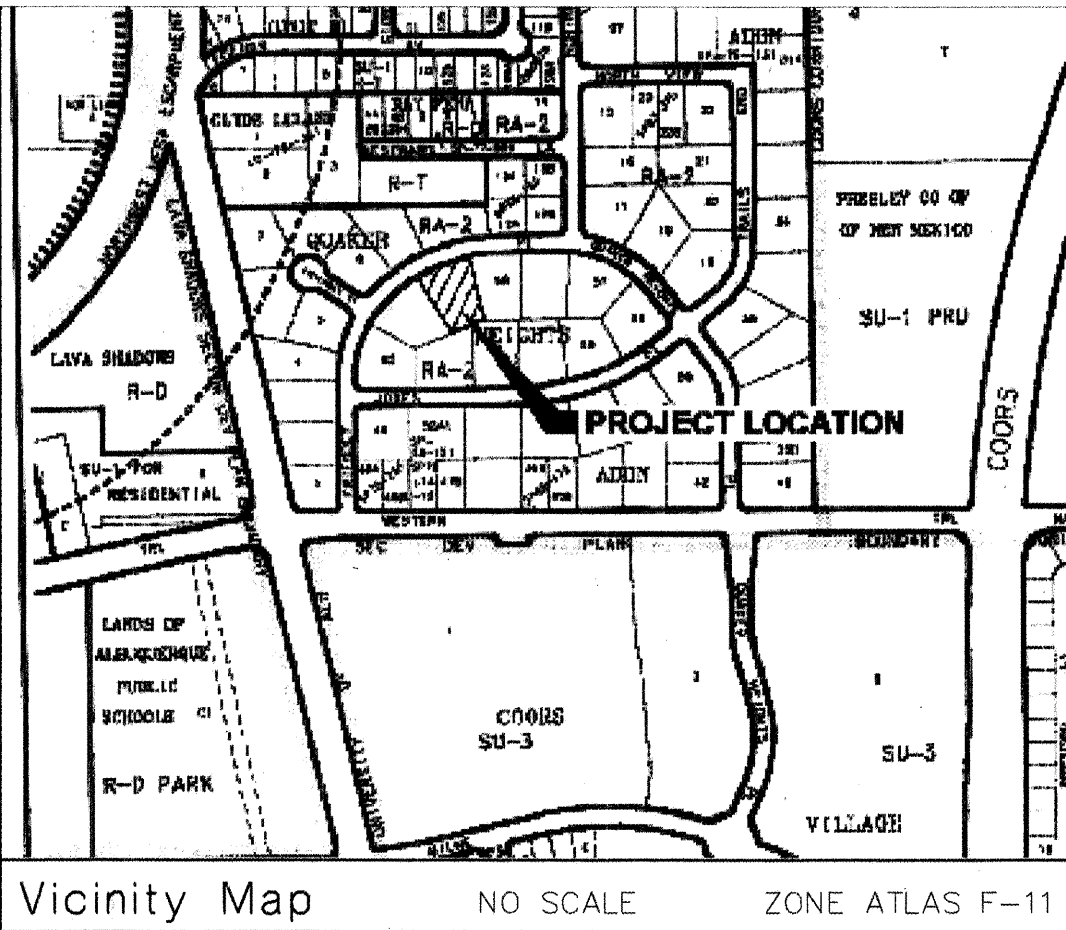


FRIENDLY PLACE UTILITY IMPROVEMENTS

FRIENDLY PLACE N.W.
ALBUQUERQUE, NM

AUGUST 9, 2004



INDEX OF DRAWINGS

- | | |
|---|---|
| 1 | COVER SHEET |
| 2 | GENERAL NOTES |
| 3 | FRIENDLY PLACE UTILITY PLAN AND PROFILE |

RECORD DRAWING

I, SHAHAB BIAZAR, OF THE FIRM OF ADVANCED ENGINEERING, A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE INFRASTRUCTURE INSTALLED AS PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR BY A QUALIFIED PERSON UNDER MY DIRECT SUPERVISION AND HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE CITY ENGINEER AND THAT THE ORIGINAL DESIGN INTENT OF THE APPROVED PLANS HAS BEEN MET, EXCEPT AS NOTED BY ME ON THE AS-BUILT CONSTRUCTION DRAWINGS. THIS CERTIFICATION IS BASED ON SITE INSPECTIONS BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY LEONARD MARTINEZ OF ADVANCED ENGINEERING, NMPS NUMBER 8901.

SHAHAB BIAZAR, PE
NMPE NO. 13479
DATE 1/5/05
Advanced Eng. & Cons., LLC

ABQ
Engineering,
Inc.

Engineers • Planners
Construction Services
6739 Academy Road NE, Suite 130
Albuquerque, NM 87109
505-255-7802 FAX 505-255-7902
ABQ NO. 24103

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE 8/14/05



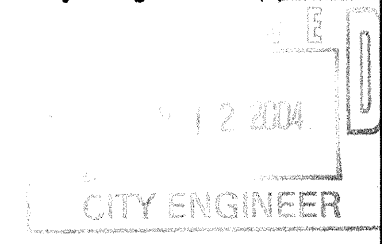
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 74 46 81 05

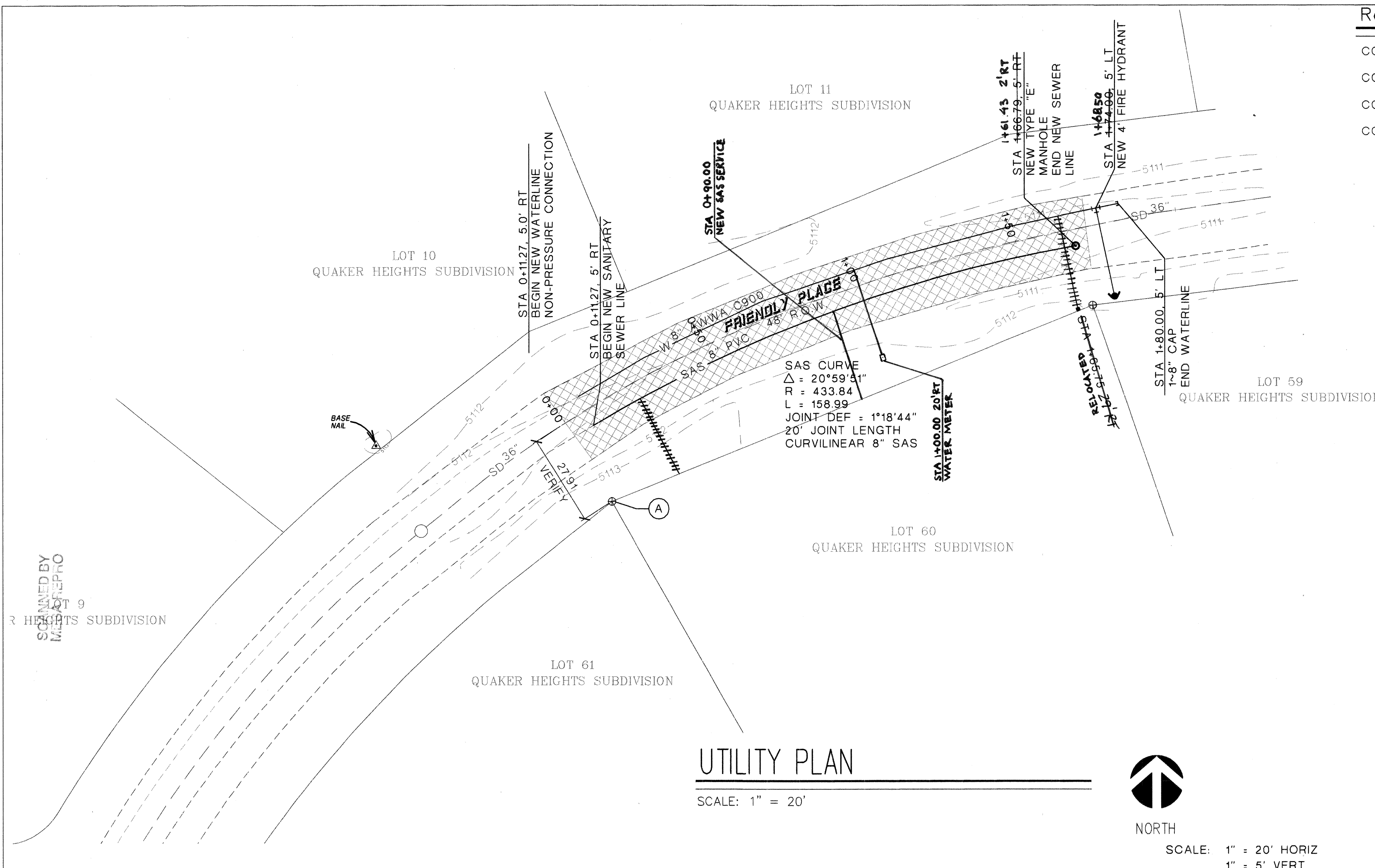
CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. ALL EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE APPROXIMATE LOCATION ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATIONS TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	APPROVED FOR CONSTRUCTION		
		DRC Chairman		9-20-04			
		Transportation		8/13/04			
		Water/Wastewater		8/24/04			
		Hydrology		8/19/04			
		Parks		9-20-04			
City Project No.		744681		Sheet 1		Of 3	

SCANNED BY
MESA REPRO

- THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|---|--|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|------|-------------|----------|------------|
|  | • Engineers - Planners | <table border="1"> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> | | | | | | | | | | | | | | | | | | | | | | | | | DATE | DESIGNED BY | DRAWN BY | CHECKED BY |
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| • Construction Services | NO. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6739 Academy Rd NE, Suite 130
Albuquerque, NM 87110
505-255-7802 FAX 505-255-7802
ABQ No. 24103 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FRIENDLY PLACE UTILITY IMPROVEMENTS
GENERAL NOTES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TITLE: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design Review Committee
 | | City Engineer Approval
 | | Last Design Update | | Mo./Day/Yr.
<table border="1"> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> </table> | | | | | | | | Mo./Day/Yr.
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| City Project No. 744681 | | Zone Map No. F-11 | | SHEET 2 | | OF 3 | | | | | | | | | | | | | | | | | | | | | | | | |



Reference Drawings

COA STD DWG 2125 (SAS SERVICE)

COA STD DWG 2362 (3/4" WATER SERVICE)

COA STD DWG 2102 (MANHOLE)

COA STD DWG 2340 (HYDRANT)

Legend

LIMITS OF WORK AREA
PER C.O.A. STD DWG. 2465.

W EXISTING WATER LINE

SAS EXISTING SEWER LINE

SD EXISTING STORM DRAIN

W NEW WATER LINE

SAS NEW SEWER LINE

NEW WATER METER

NEW SEWER MANHOLE

Notes

A. STATIONING ALONG FRIENDLY PLACE IS THE CENTERLINE OF R.O.W. AT NORTHWEST CORNER OF LOT 60, QUAKER HEIGHTS SUBDIVISION. STA 0+00.00 IS 27.91' NORTH OF POINT A AT A BEARING OF N 30°45'34" W.

B. REFERENCE COA JOB 652381 FOR EXISTING SANITARY SEWER LINE ALONE FRIENDLY PLACE.

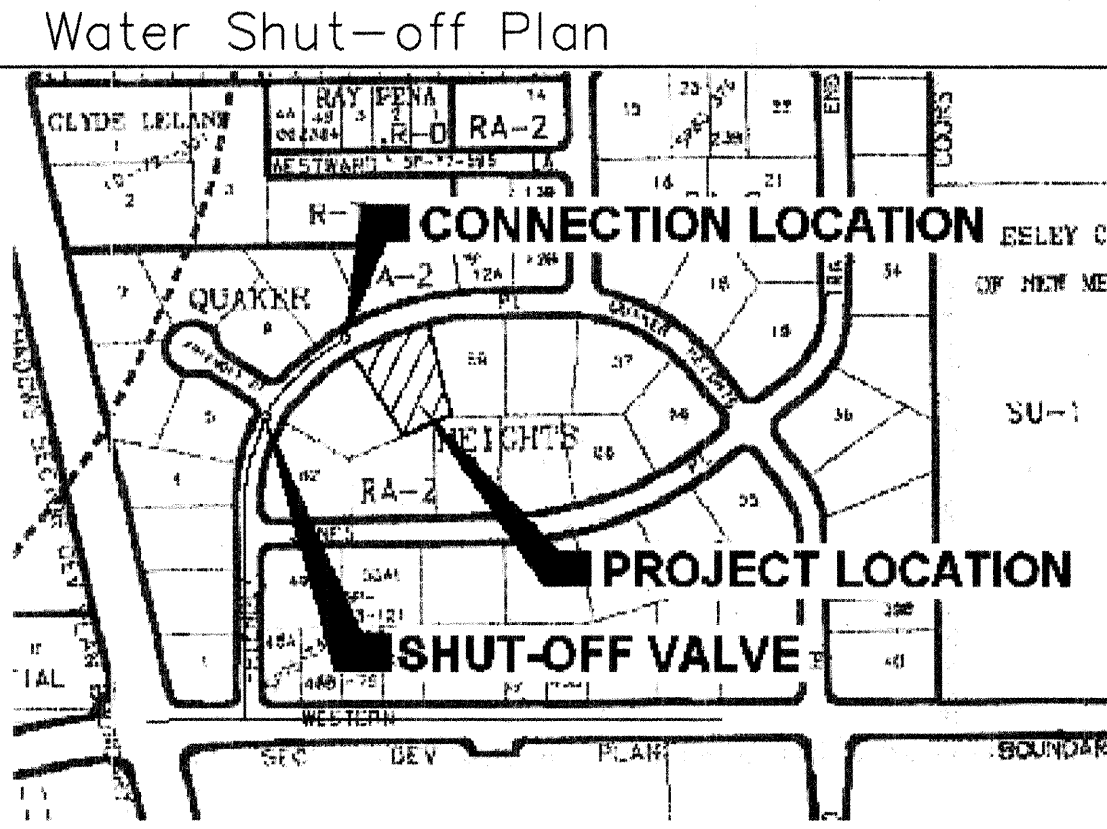
C. WATER METER TO SERVE AS AIR RELIEF.

D. CONTRACTOR TO REMOVE ASPHALT AND REPLACE TO EXISTING CONDITIONS.

E. REFERENCE COA JOB 2300.91 FOR EXISTING STORM DRAIN LINE ALONG FRIENDLY PLACE.

F. CONTRACTOR TO INSTALL EMD'S AT TERMINATION OF UTILITY AS REQUIRED PER COA STD.

G. WATER METER BOX, 40" HEAVY WEIGHT BOX (OVER AND UP FOR COA STD DWG 2362).



Water Shut Off Plan General Notes

A. CONTRACTOR SHALL NOTIFY CITY OF ALBUQUERQUE WATER SYSTEMS SEVEN (7) WORKING DAYS IN ADVANCE OF NEEDING EXECUTION OF WATER SHUT OFF PLAN

B. ONLY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES

C. FOR CONNECTION AT FRIENDLY PL., CLOSE VALVE AT INTERSECTION OF FRIENDLY PL. AND FRIENDLY CT.

10 0 10 20 40

1" = 20'

SANITARY SEWER SERVICE

LOT	STATION	LENGTH	OFFSET
60	0+16.50	26.00	5.00' RT
	0+40.00	28.50	

LENGTH OF RESTRAINED PIPE (FEET)

PIPE SIZE	90	45	22.5	11.25	TEE	VALVE
4"	15'	6'	4'	2'	15'	33'
6"	18'	7'	4'	2'	18'	46'
8"	22'	8'	4'	2'	22'	59'
10"	27'	11'	5'	3'	27'	72'

LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY. MINIMUM ATTACHED PIPE LENGTH, RUN EACH SIDE OF TEE: 10.00 FEET

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: FRIENDLY PLACE UTILITY IMPROVEMENTS
UTILITY PLAN AND PROFILE

Design Review Committee
CITY ENGINEER APPROVAL

APPROVED
DESIGN REVIEW COMMITTEE

City Engineer
CITY ENGINEER

City Project No. 744681

Zone Map No. F-11

SHEET 3 OF 3

DESIGNED BY M. GARCIA
DATE 8/9/2004
DRAWN BY F. PHILLIPS
DATE 8/9/2004
CHECKED BY M. GARCIA
DATE 8/9/2004

REMARKS
REVISIONS
DESIGN

NO. DATE

BY

ENGINEER'S SEAL

AS BUILT INFORMATION

CONTRACTOR AUI

INSPECTOR'S STAMP
DATE 12-10-04
DATE 12-10-04
DATE 12-10-04
DATE 12-10-04

VERIFICATION BY
DATE 12-10-04
DATE 12-10-04
DATE 12-10-04
DATE 12-10-04

MICRO-FILM INFORMATION

RECORDED BY
DATE
DATE
DATE
DATE

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