PUBLIC IMPROVEMENT PLANS

FOR

ROLLING HILLS SUBDIVISION-UNIT THREE

ALBUQUERQUE, NEW MEXICO

MAY 1997

PREPARED FOR:
LONGFORD HOMES OF NEW MEXICO
3200 CARLISLE, NE
ALBUQUERQUE, NM 87110

PREPARED BY:
ISAACSON & ARFMAN, P.A.
128 MONROE ST. NE
ALBUQUERQUE, NM 87108

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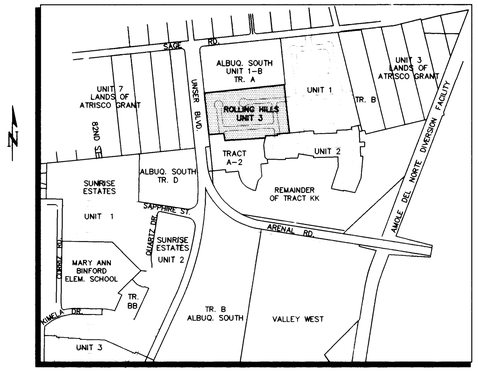


M-10 1"=750'±

VICINITY MAP

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 for Public Works Construction 1986 Edition as amended with Update No. 6.

2. All work on this project shall be performed in accordance with applicable federal, state, and local laws, rules, and regulations concerning construction safety and health.

3. Prior to construction, the Contractor shall excavate & verify the horizontal and vertical locations of all obstructions. Should a conflict exist, the Contractor shall notify the Engineer so that the conflict can be resolved with minimum delay.

4. Two (2) working days prior to any excavation, Contractor must contact Line Locating Service @ 260-1990 for location of existing utilities.

5. Contractor shall conduct his operations in a manner which will minimize interference with local traffic. Contractor shall comply with all applicable laws, ordinances, rules, regulations, and orders of any public body having jurisdiction for the safety of persons or property, and to protect them from damage, injury, or loss. Contractor shall erect and maintain, as required by the conditions and progress of the work, all necessary safeguards for safety continuously and not limited to normal working hours, throughout the duration of the project. Contractor shall adhere to Section 19 of the General Conditions of the City of Albuquerque Standard Specifications for Public Works Construction, 1986, as amended with Update No. 6.

6. The Contractor agrees that he shall assume the sole and complete responsibility for the job site conditions during the course of construction of this project, including safety of all persons and property; that this requirement shall apply continuously and not be limited to normal working hours; and that the Contractor shall defend, indemnify, and hold harmless the Owner & Engineer from any and all liability real or alleged, in connection with the performance of work on this project, excepting liability arising from the sole negligence of the Owner or Engineer.

7. TRAFFIC CONTROL: Three (3) working days prior to beginning construction the Contractor shall submit to the Construction Coordination Division a detailed construction schedule. Two (2) working days prior to construction, the Contractor shall obtain a barricading permit from the Construction Coordination Division. Contractor shall notify Barricade Engineer (768-2551) prior to occupying an intersection. See Section 19 of the specifications. All street striping altered or destroyed shall be replaced with plastic reflectorized pavement markings by Contractor to location as existing or as shown in this plan set at no additional cost to the Owner.

8. When abutting existing pavement to new, sawcut existing pavement to a straight edge and at a right angle, or as approved by the field Engineer. Removal of broken or cracked pavement will also be required.

9. Existing curb and gutter not to be removed under the contract which is damaged or displaced by the Contractor shall be removed and replaced by the Contractor at his expense.

10. All final backfill for trenches shall be compacted to a minimum 90% maximum density per ASTM D-1557 and as directed by section 701.14.2 and standard drawing number 2315.

11. The Contractor shall promptly clean up any material excavated within the public right-of-way or private roadway easements so that the excavated material is not susceptible to being washed down the street or into any public drainage facility.

12. Proposed waterline materials shall be either PVC pipe meeting AWWA C900 requirements (6"-12") or ductile iron pipe, thickness class 50 (6"-16").

13. All sanitary sewer line stationing refers to sanitary sewer centerline stationing.

14. All fittings on waterlines shall have restrained joints as noted on the plans.

15. Contractor shall support all existing, underground utility lines which become exposed during construction. Payment for supporting work shall be incidental to water-line and/or sewerline costs.

16. Contractor shall assist the Engineer/Inspector in the recording of data on all utility lines and accessories as required by the City of Albuquerque for the preparation of record drawings. Contractor shall not cover utility lines and accessories until all data has been recorded.

17. The Contractor is responsible for protecting and maintaining all existing monumentation controls. In the event of inadvertent destruction or alteration, the Contractor must immediately notify the City Chief Surveyor.

18. PNM will provide at no cost to the City or the Contractor the required personnel for inspection or observation deemed necessary by PNM while the Contractor is exposing PNM's cables. However, the Contractor shall be charged the total cost associated with repairs to any damaged cables or for any cost associated with supporting or relocating the poles and cables during construction.

19. WARNING--EXISTING UTILITY LINE LOCATIONS are shown in an approximate manner only, and such lines may exist where none are shown. The location of any such existing lines is based upon information provided by the utility company, the Owner, or by others, and the information may be incomplete or may be obsolete by the time construction commences.

    The Engineer has undertaken no field verification of the location, depth, size, or type of existing underground utility lines, makes no representation pertaining thereto, and assumes no responsibility or liability therefor. The Contractor shall inform itself of the location of any 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. The Contractor shall comply with State statutes, municipal and local ordinances, rules and regulations pertaining to the location of these lines and facilities, in planning and conducting excavation, whether by calling or notifying the utilities, complying with "Blue Stakes" procedures, or otherwise.

20. Any work occurring within an arterial roadway requires 24 hr. construction.

SURVEYOR'S CERTIFICATION

"I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that the 'as-built' information shown on these drawings was obtained from field construction and 'as-built' surveys performed by me or under my supervision, that the 'as-built' information shown on these drawings was added by me or under my supervision, and that this 'as-built' information is true and correct to the best of my knowledge and belief." Aldrich Land Surveying is not responsible for any of the design concepts, calculations, or intent of the record drawings.

Timothy Aldrich, P.S. No. 7719 — Date 04-06-98

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 5379.9298H10

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 5-18

SCANNED BY LASON

DRB NO. 96-290

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

917CVR3.DWGanw 05/05/97

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

ENGINEERS STAMP & SIGNATURE

FRED C. APDA — 05-01-97

APPROVALS	ENGINEER	DATE
DRC Chairman	Billy G. Appleby	6-4-97
Transportation	[illegible]	5-16-97
Water/Wastewater	R.W. Lane	5-16-97
Hydrology	[illegible]	5-16-97
CIP		
Constr. Mngmt.	David Cates	6/4/97

City Project No. 5379.92

* * * * * * * * * * * * * * *

APPROVED FOR CONSTRUCTION

City Engineer — Date 6/4/97

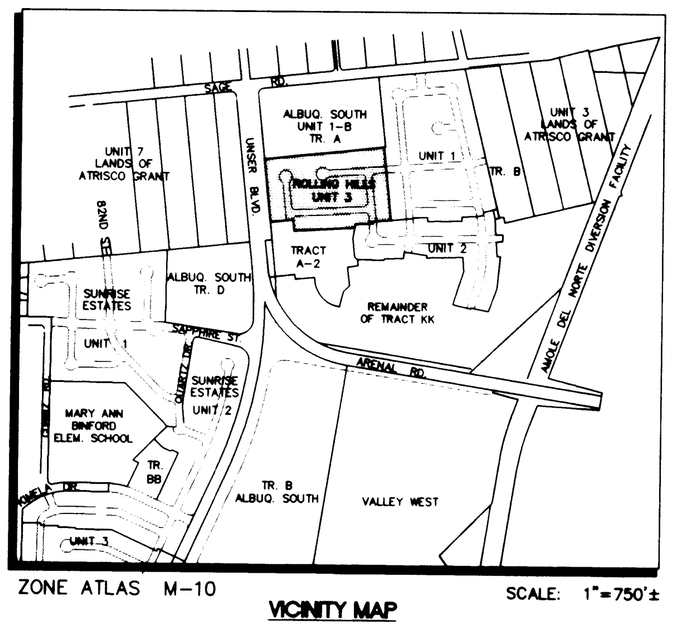
Sheet 1 Of 14

UTILITY COUNCIL LOG NO.: 97-03-06 0903 0099

PLAT
FOR
ROLLING HILLS SUBDIVISION UNIT THREE

BEING A REPLAT OF
TRACT A-1
ROLLING HILLS SUBDIVISION, UNIT TWO
AND A PORTION OF UNPLATTED LANDS WITHIN
THE TOWN OF ATRISCO GRANT
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO

MARCH 1997



ZONE ATLAS M-10 SCALE: 1"=750'±

VICINITY MAP

SUBDIVISION DATA / NOTES

1. Total Number of Existing Tracts: 1
2. Total Number of Lots created: 48
3. Gross Subdivision Acreage: 9.7606 Ac.
4. Total Mileage of Full Width Streets Created: 0.3190
5. Bearings are New Mexico State Plane Grid Bearings Central Zone).
6. Distances are ground distances.
7. Basis of boundary are the following plats (and documents) of record entitled:
   "PLAT OF ROLLLING HILLS SUBDIVISION, UNIT 1", (05-29-96, 96S-113)
   "PLAT OF ROLLLING HILLS SUBDIVISION, UNIT TWO", (01-28-97, 97C-31)
   "PLAT OF TOWN OF ATRISCO GRANT, UNIT 3", (08-11-76, B11-170)
   "PLAT OF VALLEY WEST", (04-17-80, C16-144)
   "PLAT OF ALBUQUERQUE SOUTH, UNIT 1", (08-03-87, C34-74)
   "SPECIAL WARRANTY DEED", (08-23-73, BK. D947, Pgs. 898-901)
   "WARRANTY DEED", (02-23-81, BK. D137-A, Pgs. 831-841)
   records of Bernalillo County, New Mexico.
8. Flood Zone Designation: Zone C, Panel 33 of of 50, Flood Insurance Rate Map, City of Albuquerque, Bernalillo County, New Mexico, dated October 14, 1983.
9. Date of Survey: June, 1996.
10. Title Report: None provided.
11. City Standard Utility Note II:
    "City of Albuquerque Water and Sanitary Sewer Service to Rolling Hills Unit Three must be verified and coordinated with the Public Works Department, City of Albuquerque."
12. △ = Set four inch (4") aluminum alloy cap stamped "City of Albuquerque", "Centerline Monumentation", "Survey Marker", "Do Not Disturb", PLS #7719.
13. Unless shown otherwise all corners are set 5/8" rebar with cap marked "ALS LS 7719".
14. All perimeter distances and bearings are both record and measured.

LEGAL DESCRIPTION

A certain tract of land situate within the Town of Atrisco Grant, projected Section 34, Township 10 North, Range 2 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, being all of TRACT A-1, ROLLING HILLS SUBDIVISION, UNIT TWO, as the same is shown and designated on said plat filed for record in the Office of the County Clerk of Bernalillo County, New Mexico, on January 28, 1997, in Volume 97C, Folio 31, being more particularly described as follows:

BEGINNING at the northwest corner of the herein described tract, said point being common with the northwest corner of said TRACT A-1 and further being on the easterly right-of-way of Unser Blvd. SW, from whence the Albuquerque Control Survey Monument "1-M10" bears N 07°46'57" W, 462.21 feet;

THENCE leaving said easterly right-of-way line N 84°02'54" E, 839.63 feet along the northerly line of said TRACT A-1 to a point being common with the northeast corner of said TRACT A-1;

THENCE S 06°03'18" E, 511.33 feet along the easterly line of said TRACT A-1 to a point being common with the southwest corner of LOT 5, BLOCK G, ROLLING HILLS SUBDIVISION, UNIT TWO;

THENCE S 86°49'01" W, 127.05 feet to a point of non-tangent curvature, said point being on the centerline of Fox Hill Drive;

LEGAL DESCRIPTION CONTINUED ON SHEET 2 OF 2.

DISCLOSURE STATEMENT

The purpose of this plat is to subdivide one (1) tract, into 48 residential lots (Unit 3), to grant temporary drainage easements and dedicate public roadways to the City of Albuquerque, and to grant those easements necessary to provide service to the residential development.

FREE CONSENT AND DEDICATION

The subdivision shown hereon is with the free consent and in accordance with the desires of the undersigned Owner(s) and/or Proprietor(s) thereof and said Owner(s) and/or Proprietor(s) do hereby dedicate all streets and public rights-of-way shown hereon to the City of Albuquerque in fee simple with warranty covenants and do hereby grant: all access, utility and drainage easements shown hereon including the right to construct, operate, inspect, and maintain facilities therein; and all public utility easements shown hereon for the common and joint use of gas, electrical power and communication services for overhead and buried distribution lines, conduits, and pipes for underground and/or overhead utilities where shown or indicated, and including the right of ingress and egress for construction and maintenance, and the right to trim interfering trees and shrubs. Said Owner(s) and/or Proprietor(s) do hereby consent to all of the foregoing and do hereby certify that this subdivision is their free act and deed.

OWNERS

TRACT A-1, ROLLING HILLS SUBDIVISION
LONGFORD AT ALBUQUERQUE I, A LIMITED PARTNERSHIP
BY: LONGFORD HOMES OF NEW MEXICO INC.,
A NEVADA CORPORATION, GENERAL PARTNER

John Murtagh 3/13/97
John Murtagh, President — Date
Longford Homes of New Mexico, Inc., General Partner

In approving this plat, PNM Electric Services and Gas Services (PNM) did not conduct a Title Search of the properties shown hereon. Consequently, PNM does not waive nor release any easement or easement rights to which it may be entitled.

ACKNOWLEDGEMENT

STATE OF NEW MEXICO)
) SS
COUNTY OF BERNALILLO)

This instrument was acknowledged before me on March 13, 1997, by John Murtagh as President of Longford Homes of New Mexico, Inc., a Nevada Corporation, on behalf of said corporation as General Partner of Longford at Albuquerque I

My Commission Expires: 4/22/99

Ruth I. Lozano
Notary Public

OFFICIAL SEAL
Ruth I. Lozano
NOTARY PUBLIC
My Commission Expires 4/22/99

APPROVALS S- DRB NO. 96-290

PUBLIC SERVICE CO. OF NM--ELECTRIC SERVICES DIV.	3-18-97 DATE
PUBLIC SERVICE CO. OF NM--GAS SERVICES DIV.	3-18-97 DATE
Naomi Segura — US WEST COMMUNICATIONS	3-14-97 DATE
Violet Watson — JONES INTERCABLE	3-14-97 DATE
CITY SURVEYOR, ENGR. DIV., P.W.D.	03.14.97 DATE
TRAFFIC ENGINEERING, TRANS. DEV. DIV., P.W.D.	3-25-97 DATE
PARKS DESIGN & DEVELOPMENT / CIP	5-12-97 DATE
UTILITY DEVELOPMENT DIV., P.W.D.	3-25-97 DATE
REAL PROPERTY DIVISION, D.F.M.	DATE
A.M.A.F.C.A.	DATE
CITY ENGINEER, PUBLIC WORKS DEPT.	DATE

APPROVAL AND CONDITIONAL ACCEPTANCE AS SPECIFIED BY THE ALBUQUERQUE SUBDIVISION ORDINANCE, ARTICLE XI OF THE REVISED ORDINANCES OF ALBUQUERQUE, N.M.

CITY PLANNER, ALBUQUERQUE PLANNING DIVISION — DATE

SURVEYOR'S CERTIFICATION

I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that this plat and description were prepared by me or under my supervision, shows all easements as shown on the plat of record or made known to me by the owners and/or proprietors of the subdivision shown hereon, utility companies and other parties expressing an interest and meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, and further meets the Minimum Standards for Land Surveying in the State of New Mexico (Effective November 1, 1989 and revisions effective December 25, 1991 and February 2, 1994), and is true and correct to the best of my knowledge and belief".

Timothy Aldrich, P.S. No. 7719 — 03-14-97 Date

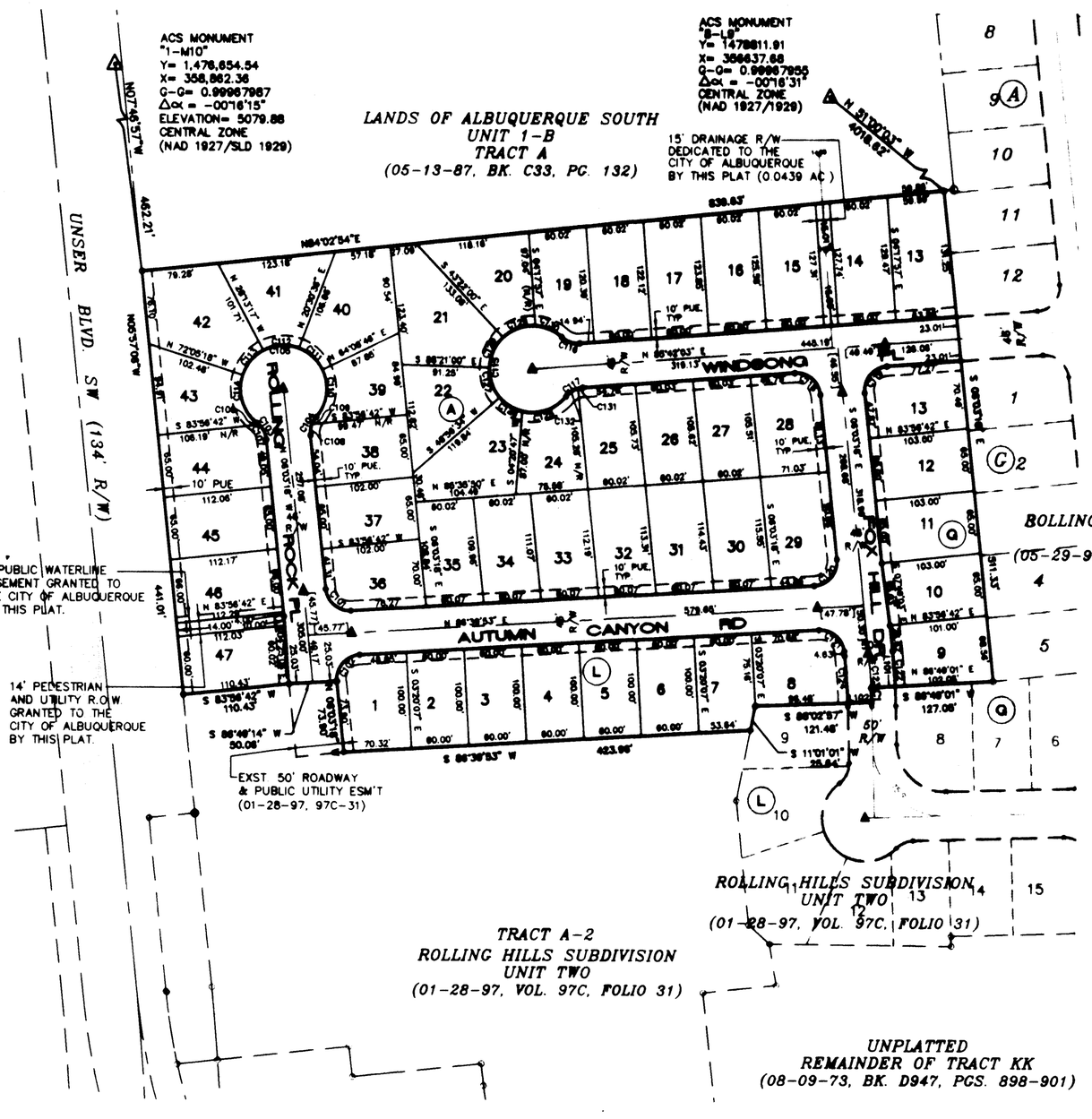
9173PT1.DWGanw 3/12/97

PLAT
FOR
ROLLING HILLS SUBDIVISION UNIT THREE

BEING A REPLAT OF
TRACT A-1
ROLLING HILLS SUBDIVISION, UNIT TWO
AND A PORTION OF UNPLATTED LANDS WITHIN
THE TOWN OF ATRISCO GRANT
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO

MARCH 1997

SCALE: 1"=100'
100 50 0 100 200 FEET



NOTE:

1. DISTANCES IN BRACKETS DESIGNATE TIE DISTANCES FROM CENTERLINE INTERSECTION TO MONUMENT.

CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C101	710.00'	15.27'	7.64'	15.27'	S 02°34'01" E	01°13'55"
C102	710.00'	21.42'	10.71'	21.42'	S 01°26'58" E	01°43'39"
C103	710.00'	21.42'	10.71'	21.42'	S 03°10'41" E	01°43'39"
C104	710.00'	21.42'	10.71'	21.42'	S 04°54'20" E	01°43'39"
C105	710.00'	21.42'	10.71'	21.42'	S 06°38'00" E	01°43'39"
C106	710.00'	21.42'	10.71'	21.42'	S 08°21'39" E	01°43'39"
C107	710.00'	21.42'	10.71'	21.42'	S 10°05'18" E	01°43'39"
C108	710.00'	21.42'	10.71'	21.42'	S 11°48'57" E	01°43'39"
C109	710.00'	21.42'	10.71'	21.42'	S 13°32'36" E	01°43'39"
C110	710.00'	21.42'	10.71'	21.42'	S 15°16'15" E	01°43'39"
C111	710.00'	21.42'	10.71'	21.42'	S 16°59'54" E	01°43'39"
C112	710.00'	21.42'	10.71'	21.42'	S 18°43'33" E	01°43'39"
C113	710.00'	21.42'	10.71'	21.42'	S 20°27'12" E	01°43'39"
C114	710.00'	21.42'	10.71'	21.42'	S 22°10'51" E	01°43'39"
C115	710.00'	21.42'	10.71'	21.42'	S 23°54'30" E	01°43'39"
C116	710.00'	21.42'	10.71'	21.42'	S 25°38'09" E	01°43'39"
C117	710.00'	21.42'	10.71'	21.42'	S 27°21'48" E	01°43'39"
C118	710.00'	21.42'	10.71'	21.42'	S 29°05'27" E	01°43'39"
C119	710.00'	21.42'	10.71'	21.42'	S 30°49'06" E	01°43'39"
C120	710.00'	21.42'	10.71'	21.42'	S 32°32'45" E	01°43'39"
C121	710.00'	21.42'	10.71'	21.42'	S 34°16'24" E	01°43'39"
C122	710.00'	21.42'	10.71'	21.42'	S 35°59'03" E	01°43'39"
C123	710.00'	21.42'	10.71'	21.42'	S 37°41'42" E	01°43'39"
C124	710.00'	21.42'	10.71'	21.42'	S 39°24'21" E	01°43'39"
C125	710.00'	21.42'	10.71'	21.42'	S 41°07'00" E	01°43'39"
C126	710.00'	21.42'	10.71'	21.42'	S 42°49'39" E	01°43'39"
C127	710.00'	21.42'	10.71'	21.42'	S 44°32'18" E	01°43'39"
C128	710.00'	21.42'	10.71'	21.42'	S 46°14'57" E	01°43'39"
C129	710.00'	21.42'	10.71'	21.42'	S 47°57'36" E	01°43'39"
C130	710.00'	21.42'	10.71'	21.42'	S 49°40'15" E	01°43'39"
C131	710.00'	21.42'	10.71'	21.42'	S 51°22'54" E	01°43'39"
C132	710.00'	21.42'	10.71'	21.42'	S 53°05'33" E	01°43'39"
C133	710.00'	21.42'	10.71'	21.42'	S 54°48'12" E	01°43'39"
C134	710.00'	21.42'	10.71'	21.42'	S 56°30'51" E	01°43'39"
C135	710.00'	21.42'	10.71'	21.42'	S 58°13'30" E	01°43'39"
C136	710.00'	21.42'	10.71'	21.42'	S 59°56'09" E	01°43'39"
C137	710.00'	21.42'	10.71'	21.42'	S 61°38'48" E	01°43'39"
C138	710.00'	21.42'	10.71'	21.42'	S 63°21'27" E	01°43'39"
C139	710.00'	21.42'	10.71'	21.42'	S 65°04'06" E	01°43'39"
C140	710.00'	21.42'	10.71'	21.42'	S 66°46'45" E	01°43'39"
C141	710.00'	21.42'	10.71'	21.42'	S 68°29'24" E	01°43'39"
C142	710.00'	21.42'	10.71'	21.42'	S 70°12'03" E	01°43'39"
C143	710.00'	21.42'	10.71'	21.42'	S 71°54'42" E	01°43'39"
C144	710.00'	21.42'	10.71'	21.42'	S 73°37'21" E	01°43'39"
C145	710.00'	21.42'	10.71'	21.42'	S 75°20'00" E	01°43'39"
C146	710.00'	21.42'	10.71'	21.42'	S 77°02'39" E	01°43'39"
C147	710.00'	21.42'	10.71'	21.42'	S 78°45'18" E	01°43'39"
C148	710.00'	21.42'	10.71'	21.42'	S 80°27'57" E	01°43'39"
C149	710.00'	21.42'	10.71'	21.42'	S 82°10'36" E	01°43'39"
C150	710.00'	21.42'	10.71'	21.42'	S 83°53'15" E	01°43'39"
C151	710.00'	21.42'	10.71'	21.42'	S 85°35'54" E	01°43'39"
C152	710.00'	21.42'	10.71'	21.42'	S 87°18'33" E	01°43'39"
C153	710.00'	21.42'	10.71'	21.42'	S 89°01'12" E	01°43'39"
C154	710.00'	21.42'	10.71'	21.42'	N 90°43'51" E	01°43'39"
C155	710.00'	21.42'	10.71'	21.42'	N 88°26'32" E	01°43'39"
C156	710.00'	21.42'	10.71'	21.42'	N 86°09'13" E	01°43'39"
C157	710.00'	21.42'	10.71'	21.42'	N 83°51'54" E	01°43'39"
C158	710.00'	21.42'	10.71'	21.42'	N 81°34'35" E	01°43'39"
C159	710.00'	21.42'	10.71'	21.42'	N 79°17'16" E	01°43'39"
C160	710.00'	21.42'	10.71'	21.42'	N 76°59'57" E	01°43'39"
C161	710.00'	21.42'	10.71'	21.42'	N 74°42'38" E	01°43'39"
C162	710.00'	21.42'	10.71'	21.42'	N 72°25'19" E	01°43'39"
C163	710.00'	21.42'	10.71'	21.42'	N 70°08'00" E	01°43'39"
C164	710.00'	21.42'	10.71'	21.42'	N 67°50'41" E	01°43'39"
C165	710.00'	21.42'	10.71'	21.42'	N 65°33'22" E	01°43'39"
C166	710.00'	21.42'	10.71'	21.42'	N 63°16'03" E	01°43'39"
C167	710.00'	21.42'	10.71'	21.42'	N 60°58'44" E	01°43'39"
C168	710.00'	21.42'	10.71'	21.42'	N 58°41'25" E	01°43'39"
C169	710.00'	21.42'	10.71'	21.42'	N 56°24'06" E	01°43'39"
C170	710.00'	21.42'	10.71'	21.42'	N 54°06'47" E	01°43'39"
C171	710.00'	21.42'	10.71'	21.42'	N 51°49'28" E	01°43'39"
C172	710.00'	21.42'	10.71'	21.42'	N 49°32'09" E	01°43'39"
C173	710.00'	21.42'	10.71'	21.42'	N 47°14'50" E	01°43'39"
C174	710.00'	21.42'	10.71'	21.42'	N 44°57'31" E	01°43'39"
C175	710.00'	21.42'	10.71'	21.42'	N 42°40'12" E	01°43'39"
C176	710.00'	21.42'	10.71'	21.42'	N 40°22'53" E	01°43'39"
C177	710.00'	21.42'	10.71'	21.42'	N 38°05'34" E	01°43'39"
C178	710.00'	21.42'	10.71'	21.42'	N 35°48'15" E	01°43'39"
C179	710.00'	21.42'	10.71'	21.42'	N 33°30'56" E	01°43'39"
C180	710.00'	21.42'	10.71'	21.42'	N 31°13'37" E	01°43'39"
C181	710.00'	21.42'	10.71'	21.42'	N 28°56'18" E	01°43'39"
C182	710.00'	21.42'	10.71'	21.42'	N 26°38'59" E	01°43'39"
C183	710.00'	21.42'	10.71'	21.42'	N 24°21'40" E	01°43'39"
C184	710.00'	21.42'	10.71'	21.42'	N 22°04'21" E	01°43'39"
C185	710.00'	21.42'	10.71'	21.42'	N 19°47'02" E	01°43'39"
C186	710.00'	21.42'	10.71'	21.42'	N 17°29'43" E	01°43'39"
C187	710.00'	21.42'	10.71'	21.42'	N 15°12'24" E	01°43'39"
C188	710.00'	21.42'	10.71'	21.42'	N 12°55'05" E	01°43'39"
C189	710.00'	21.42'	10.71'	21.42'	N 10°37'46" E	01°43'39"
C190	710.00'	21.42'	10.71'	21.42'	N 08°20'27" E	01°43'39"
C191	710.00'	21.42'	10.71'	21.42'	N 06°03'08" E	01°43'39"
C192	710.00'	21.42'	10.71'	21.42'	N 03°45'49" E	01°43'39"
C193	710.00'	21.42'	10.71'	21.42'	N 01°28'30" E	01°43'39"
C194	710.00'	21.42'	10.71'	21.42'	N 00°49'57" W	01°43'39"
C195	710.00'	21.42'	10.71'	21.42'	N 03°27'16" W	01°43'39"
C196	710.00'	21.42'	10.71'	21.42'	N 05°04'35" W	01°43'39"
C197	710.00'	21.42'	10.71'	21.42'	N 06°41'54" W	01°43'39"
C198	710.00'	21.42'	10.71'	21.42'	N 08°19'13" W	01°43'39"
C199	710.00'	21.42'	10.71'	21.42'	N 09°56'32" W	01°43'39"
C200	710.00'	21.42'	10.71'	21.42'	N 11°33'51" W	01°43'39"
C201	710.00'	21.42'	10.71'	21.42'	N 13°11'10" W	01°43'39"
C202	710.00'	21.42'	10.71'	21.42'	N 14°48'29" W	01°43'39"
C203	710.00'	21.42'	10.71'	21.42'	N 16°25'48" W	01°43'39"
C204	710.00'	21.42'	10.71'	21.42'	N 18°03'07" W	01°43'39"
C205	710.00'	21.42'	10.71'	21.42'	N 19°40'26" W	01°43'39"
C206	710.00'	21.42'	10.71'	21.42'	N 21°17'45" W	01°43'39"
C207	710.00'	21.42'	10.71'	21.42'	N 22°55'04" W	01°43'39"
C208	710.00'	21.42'	10.71'	21.42'	N 24°32'23" W	01°43'39"
C209	710.00'	21.42'	10.71'	21.42'	N 26°09'42" W	01°43'39"
C210	710.00'	21.42'	10.71'	21.42'	N 27°47'01" W	01°43'39"
C211	710.00'	21.42'	10.71'	21.42'	N 29°24'20" W	01°43'39"
C212	710.00'	21.42'	10.71'	21.42'	N 31°01'39" W	01°43'39"
C213	710.00'	21.42'	10.71'	21.42'	N 32°38'58" W	01°43'39"
C214	710.00'	21.42'	10.71'	21.42'	N 34°16'17" W	01°43'39"
C215	710.00'	21.42'	10.71'	21.42'	N 35°53'36" W	01°43'39"
C216	710.00'	21.42'	10.71'	21.42'	N 37°30'55" W	01°43'39"
C217	710.00'	21.42'	10.71'	21.42'	N 39°08'14" W	01°43'39"
C218	710.00'	21.42'	10.71'	21.42'	N 40°45'33" W	01°43'39"
C219	710.00'	21.42'	10.71'	21.42'	N 42°22'52" W	01°43'39"
C220	710.00'	21.42'	10.71'	21.42'	N 44°00'11" W	01°43'39"
C221	710.00'	21.42'	10.71'	21.42'	N 45°37'30" W	01°43'39"
C222	710.00'	21.42'	10.71'	21.42'	N 47°14'49" W	01°43'39"
C223	710.00'	21.42'	10.71'	21.42'	N 48°52'08" W	01°43'39"
C224	710.00'	21.42'	10.71'	21.42'	N 50°29'27" W	01°43'39"
C225	710.00'	21.42'	10.71'	21.42'	N 52°06'46" W	01°43'39"
C226	710.00'	21.42'	10.71'	21.42'	N 53°44'05" W	01°43'39"
C227	710.00'	21.42'	10.71'	21.42'	N 55°21'24" W	01°43'39"
C228	710.00'	21.42'	10.71'	21.42'	N 56°58'43" W	01°43'39"
C229	710.00'	21.42'	10.71'	21.42'	N 58°36'02" W	01°43'39"
C230	710.00'	21.42'	10.71'	21.42'	N 60°13'21" W	01°43'39"
C231	710.00'	21.42'	10.71'	21.42'	N 61°50'40" W	01°43'39"
C232	710.00'	21.42'	10.71'	21.42'	N 63°27'59" W	01°43'39"
C233	710.00'	21.42'	10.71'	21.42'	N 65°05'18" W	01°43'39"
C234	710.00'	21.42'	10.71'	21.42'	N 66°42'37" W	01°43'39"
C235	710.00'	21.42'	10.71'	21.42'	N 68°19'56" W	01°43'39"
C236	710.00'	21.42'	10.71'	21.42'	N 69°57'15" W	01°43'39"
C237	710.00'	21.42'	10.71'	21.42'	N 71°34'34" W	01°43'39"
C238	710.00'	21.42'	10.71'	21.42'	N 73°11'53" W	01°43'39"
C239	710.00'	21.42'	10.71'	21.42'	N 74°49'12" W	01°43'39"
C240	710.00'	21.42'	10.71'	21.42'	N 76°26'31" W	01°43'39"
C241	710.00'	21.42'	10.71'	21.42'	N 78°03'50" W	01°43'39"
C242	710.00'	21.42'	10.71'	21.42'	N 79°41'09" W	01°43'39"
C243	710.00'	21.42'	10.71'	21.42'	N 81°18'28" W	01°43'39"
C244	710.00'	21.42'	10.71'	21.42'	N 82°55'47" W	01°43'39"
C245	710.00'	21.42'	10.71'	21.42'	N 84°33'06" W	01°43'39"
C246	710.00'	21.42'	10.71'	21.42'	N 86°10'25" W	01°43'39"
C247	710.00'	21.42'	10.71'	21.42'	N 87°47'44" W	01°43'39"
C248	710.00'	21.42'	10.71'	21.42'	N 89°25'03" W	01°43'39"
C249	710.00'	21.42'	10.71'	21.42'	S 00°57'38" W	01°43'39"
C250	710.00'	21.42'	10.71'	21.42'	S 02°34'01" E	01°43'39"

LINE TABLE

LINE	BEARING	DISTANCE
L101	[illegible]	[illegible]
L102	[illegible]	[illegible]

LEGAL DESCRIPTION--Continued from Sheet 1

THENCE continuing along said centerline 15.27 feet along a curve to the right whose radius is 710.00 feet and whose long chord bears S 02°34'01" E, 15.27 feet through a central angle of 01°13'55" to a point of non-tangency;

THENCE S 88°02'57" W, 121.48 feet to a point being common with the northwest corner of LOT 9, BLOCK L, ROLLING HILLS SUBDIVISION, UNIT TWO;

THENCE S 11°01'01" W, 25.64 feet to a point, said point being common with the northeast corner of TRACT A-2, ROLLING HILLS SUBDIVISION, UNIT TWO;

THENCE S 86°39'53" W, 423.96 feet along the northerly line of said TRACT A-2 to a point;

THENCE N 06°03'18" W, 73.90 feet to a point on the southerly terminus of Rolling Rock Place;

THENCE S 86°49'14" W, 50.06 feet along the southerly terminus of said Rolling Rock Place;

THENCE S 83°56'42" W, 110.43 feet to a point being common with the northwesterly corner of said TRACT A-2, and further being on the easterly right-of-way of Unser Blvd. SW;

THENCE N 05°57'06" W, 441.01 feet to the POINT OF BEGINNING and containing 9.7606 acres more or less.

PUBLIC UTILITY EASEMENTS

PUBLIC UTILITY EASEMENTS SHOWN ON THIS PLAT ARE GRANTED FOR THE COMMON AND JOINT USE OF:

1. THE PUBLIC SERVICE CO. OF NM--ELECTRIC SERVICES DIVISION FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF UNDERGROUND/OVERHEAD ELECTRICAL LINES, TRANSFORMERS, AND ANY OTHER EQUIPMENT, FIXTURES, STRUCTURES, AND RELATED FACILITIES REASONABLY NECESSARY TO PROVIDE ELECTRICAL SERVICE.
2. U.S. WEST FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF ALL BURIED COMMUNICATION LINES AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE COMMUNICATION SERVICES, INCLUDING BUT NOT LIMITED TO ABOVE GROUND PEDESTALS AND CLOSURES.
3. JONES INTERCABLE FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF SUCH LINES, CABLE, AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE CABLE TV SERVICE.
4. THE PUBLIC SERVICE CO. OF NM--GAS SERVICES DIVISION FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF SUCH DISTRIBUTION AND SERVICE LINES AND FACILITIES REASONABLY NECESSARY TO PROVIDE GAS SERVICE.

INCLUDED IS THE RIGHT TO BUILD, REBUILD, CONSTRUCT, RECONSTRUCT, LOCATE, RELOCATE, CHANGE, REMOVE, MODIFY, RENEW, OPERATE, AND MAINTAIN FACILITIES FOR THE PURPOSES DESCRIBED ABOVE, TOGETHER WITH FREE ACCESS TO, FROM, AND OVER SAID EASEMENT, INCLUDING SUFFICIENT WORKING AREA SPACE FOR ELECTRIC TRANSFORMERS, WITH THE RIGHT AND PRIVILEGE TO TRIM AND REMOVE TREES, SHRUBS, OR BUSHES WHICH INTERFERE WITH THE PURPOSES SET FORTH HEREIN. NO BUILDING, SIGN, OR OTHER STRUCTURE SHALL BE ERECTED OR CONSTRUCTED ON SAID EASEMENTS, NOR SHALL ANY WELL BE DRILLED OR OPERATED THEREON. PROPERTY OWNERS SHALL BE SOLELY RESPONSIBLE FOR CORRECTING ANY VIOLATIONS OF NATIONAL ELECTRICAL SAFETY CODE CAUSED BY CONSTRUCTION OF POOLS, DECKING, OR ANY STRUCTURES ADJACENT TO OR NEAR EASEMENTS SHOWN ON THIS PLAT.

LOT AREA TABLE

BLOCK (A)

LOT	AREA
13	8027
14	7716
15	7587
16	7483
17	7379
18	7275
19	6679
20	7818
21	9452
22	6862
23	7857
24	6097
25	6346
26	6340
27	6334
28	7362
29	8102
30	6900
31	6832
32	6765
33	6698
34	6631
35	6564
36	6773
37	6630
38	6621
39	5929
40	6769
41	7500
42	9739
43	6941
44	7251
45	7287
46	7407
47	6674

BLOCK (G)

LOT	AREA
9	6680
10	6630
11	6695
12	6695
13	7279

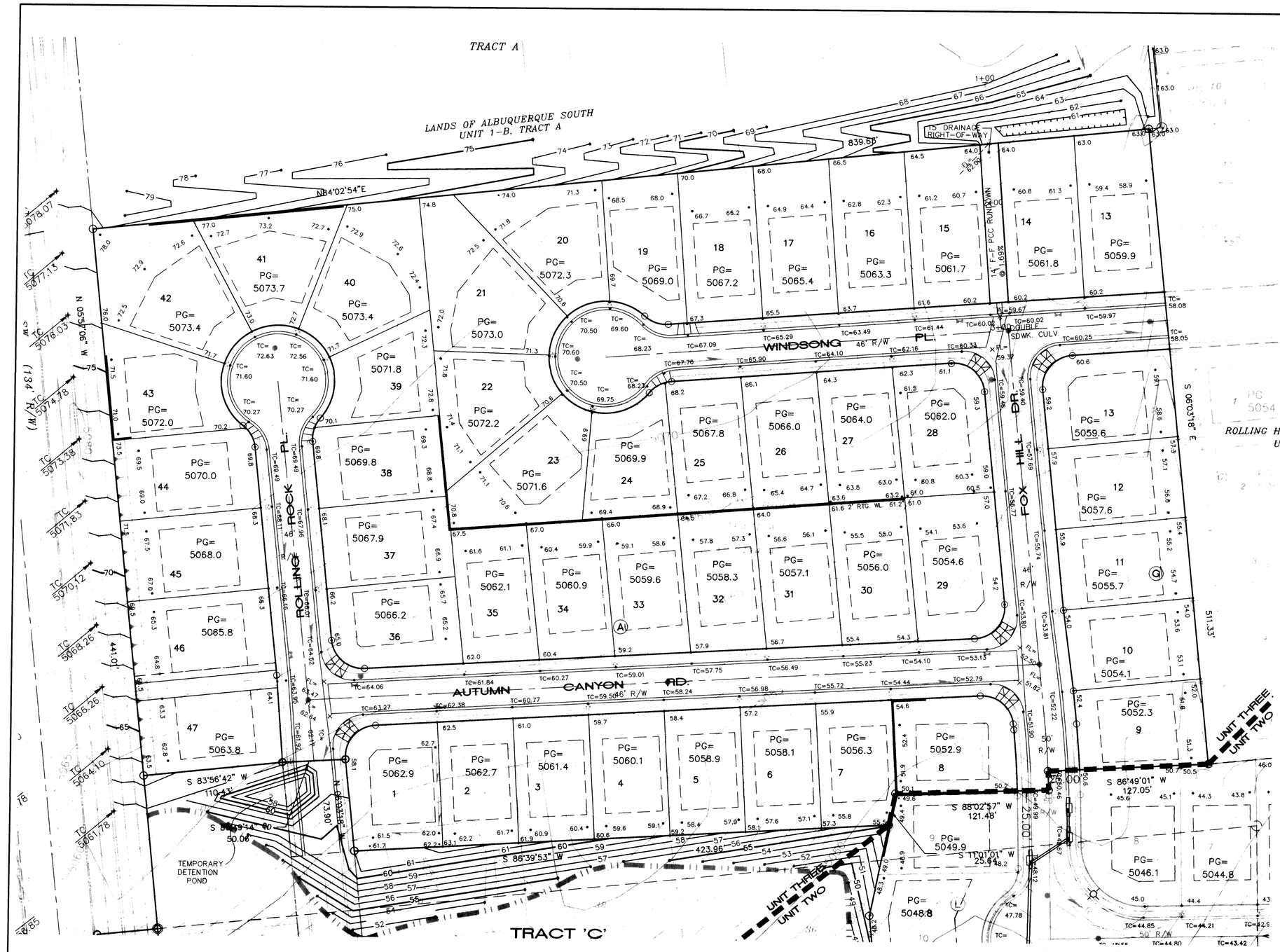
BLOCK (L)

LOT	AREA
1	7119
2	6000
3	6000
4	6000
5	6000
6	6000
7	5921
8	7206

9173PT2.DWGanw 5/16/97

SCANNED BY R.V. LASON

CPN 5379.92 Sht. 2 of 14



LEGEND

	EXIST. CONTOUR INTERVAL
—56—	FINISHED CONTOUR
	EXIST. SPOT ELEV.
• 53.2	FINISHED SPOT ELEV.
TC=52.74	TOP OF CURB ELEV.
FL=52.43	FLOWLINE ELEV.
PG=5052.3	PAD GRADE ELEV.
	RETAINING WALL
	UNIT BOUNDARY
	FUTURE INFRASTRUCTURE
	EROSION CONTROL BERM

APPROVAL FOR ROUGH GRADING (±0.1')
CONDITION: TOP SOIL DISTURBANCE PERMIT REQUIRED PRIOR TO COMMENCING EARTHWORK OPERATIONS

HYDROLOGY DIVISION
PUBLIC WORKS DEPARTMENT
CITY OF ALBUQUERQUE

DATE

ENGINEER'S CERTIFICATION

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

917U3GRD.DWGanw 05/05/97

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: ROLLING HILLS SUBDIVISION--UNIT 3
GRADING & DRAINAGE PLAN

Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5379.92 | Zone Map No. M-10 | Sheet 3 Of 14

AS-BUILT INFORMATION
CONTRACTOR FRANKLINS
WORK STAKED BY ALS, INC DATE 97
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY ALS, INC DATE 98
DRAWINGS CORRECTED BY ALS, INC DATE 4/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS MONUMENT "1-M10" LOCATED AT THE SOUTHEAST CORNER OF SAGE RD. & UNSER BLVD.
ELEV. = 5079.88

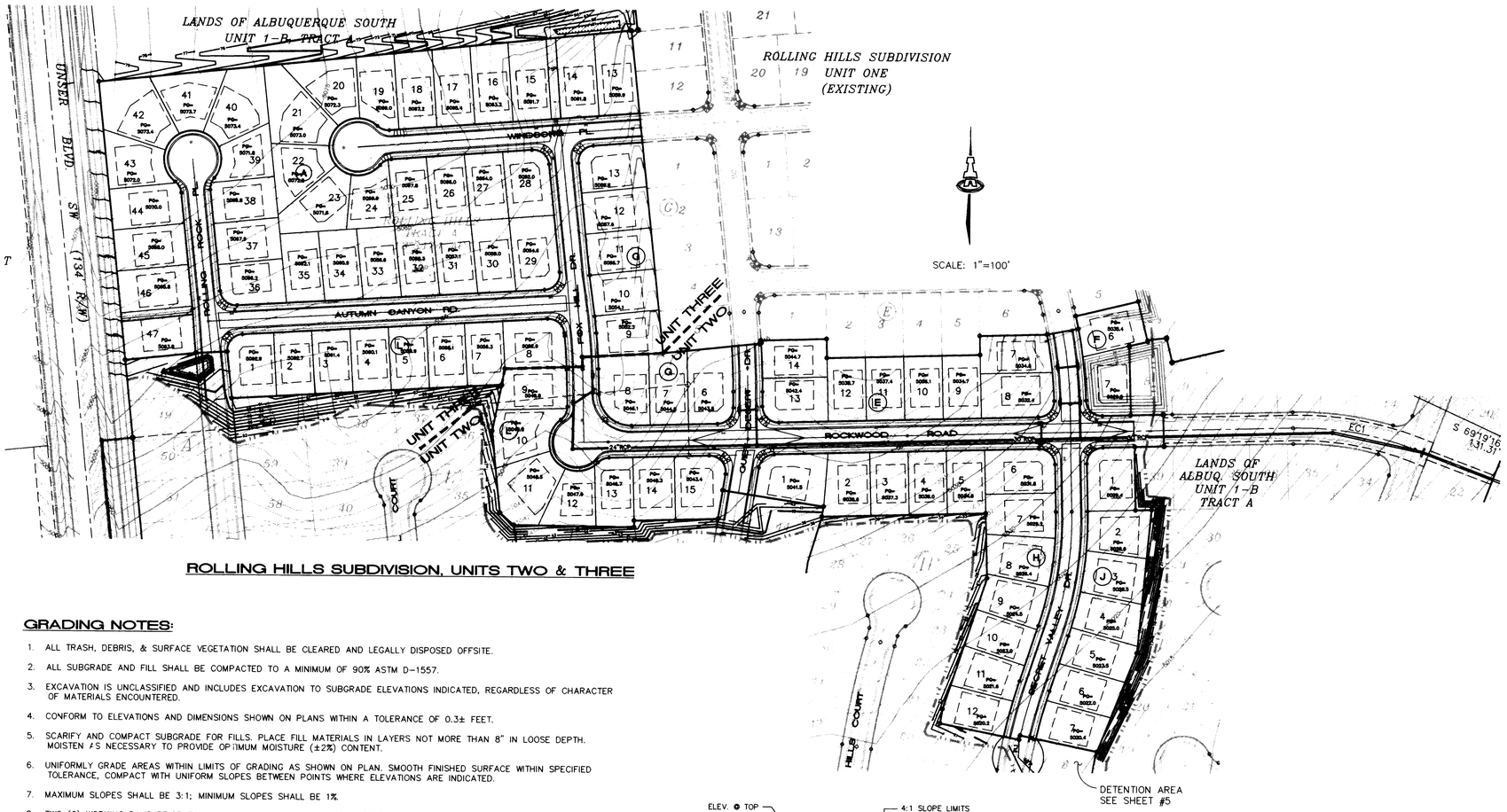
SURVEY INFORMATION
FIELD NOTES
1 ALS 1/96

ENGINEER'S SEAL
FRED C. ARFMAN STATE OF NEW MEXICO 7322 REGISTERED PROFESSIONAL ENGINEER

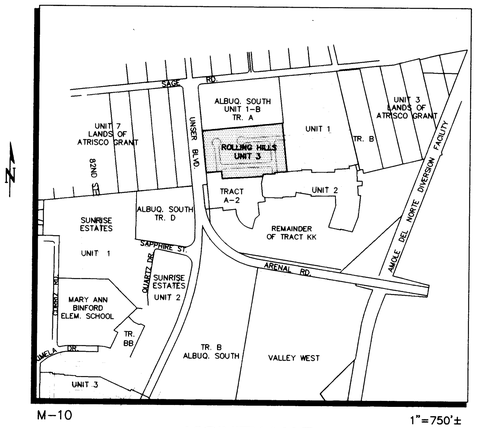
NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

		DATE
DESIGNED BY	FCA	3/97
DRAWN BY	ANW	3/97
CHECKED BY	I&A	3/97

SCANNED BY BY LASON



ROLLING HILLS SUBDIVISION, UNITS TWO & THREE



M-10 1"=750'±

VICINITY MAP

GENERAL NOTES

LEGAL DESCRIPTION: TR. A, ROLLING HILLS SUBDIVISION, UNIT ONE, ALONG WITH AN UNPLATTED PORTION OF TRACT "KK", TOWN OF ATRISCO GRANT.

ENGINEERS: ISAACSON & ARFMAN, P.A.
128 MONROE STREET NE
ALBUQUERQUE, NM 87110

SURVEYOR: ALDRICH LAND SURVEYING
C/O TIM ALDRICH, NMPLS #7719
(505) 884-1990

BENCHMARK: ALBUQUERQUE CONTROL SURVEY MONUMENT "1-M10".
ELEVATION: 5079.88

ZONING: RD & R1.

PROPOSED: UNIT TWO (39 LOTS)
UNIT THREE (48 LOTS)

AREA: 18.00 ACRES.

FLOOD HAZARD STATEMENT: NO PART OF THIS DEVELOPMENT IS AFFECTED BY ANY FLOOD HAZARD DESIGNATIONS AS DETERMINED BY PANEL NO. 350002-0033 OF THE OCTOBER 14, 1983 EDITION OF THE FEMA MAPS.

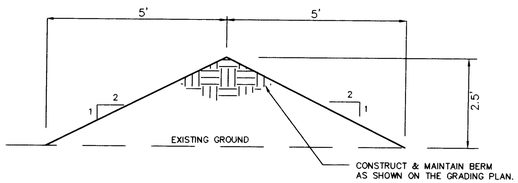
EXISTING CONDITIONS: THE SITE IS CURRENTLY UNDEVELOPED AND UNDISTURBED WITH GROUND COVER THAT IS TYPICAL OF THE CITY'S WEST SIDE. THE SITE SLOPES TO THE EAST AT 3.5 TO 5%. UNSER BLVD. BORDERING ON THE WEST SIDE OF UNIT THREE WILL NOT BE CONSTRUCTED AS PART OF THIS PROJECT. OFFSITE FLOWS ARE ACCEPTED THROUGH THE SITE IN BOTH THE EXISTING AND PROPOSED CONDITION.

GRADING NOTES:

1. ALL TRASH, DEBRIS, & SURFACE VEGETATION SHALL BE CLEARED AND LEGALLY DISPOSED OFFSITE.
2. ALL SUBGRADE AND FILL SHALL BE COMPACTED TO A MINIMUM OF 90% ASTM D-1557.
3. EXCAVATION IS UNCLASSIFIED AND INCLUDES EXCAVATION TO SUBGRADE ELEVATIONS INDICATED, REGARDLESS OF CHARACTER OF MATERIALS ENCOUNTERED.
4. CONFORM TO ELEVATIONS AND DIMENSIONS SHOWN ON PLANS WITHIN A TOLERANCE OF 0.3± FEET.
5. SCARIFY AND COMPACT SUBGRADE FOR FILLS. PLACE FILL MATERIALS IN LAYERS NOT MORE THAN 8" IN LOOSE DEPTH. MOISTEN AS NECESSARY TO PROVIDE OPTIMUM MOISTURE (±2%) CONTENT.
6. UNIFORMLY GRADE AREAS WITHIN LIMITS OF GRADING AS SHOWN ON PLAN. SMOOTH FINISHED SURFACE WITHIN SPECIFIED TOLERANCE, COMPACT WITH UNIFORM SLOPES BETWEEN POINTS WHERE ELEVATIONS ARE INDICATED.
7. MAXIMUM SLOPES SHALL BE 3:1; MINIMUM SLOPES SHALL BE 1%.
8. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
9. 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 PRELIMIARY 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 THEREFORE. 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.
10. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT ERODED AND WASHED DOWN THE STREET.
11. OWNER WILL PROVIDE SOIL TESTING AND INSPECTION SERVICES DURING EARTHWORK OPERATIONS. ALLOW TESTING SERVICE TO INSPECT AND APPROVE COMPACTED SUBGRADES AND FILL LAYERS BEFORE FURTHER CONSTRUCTION WORK IS DONE. SHALL COMPACTION TESTS INDICATE INADEQUATE DENSITY, CONTRACTOR SHALL PROVIDE ADDITIONAL COMPACTION AND TESTING AT NO ADDITIONAL EXPENSE.
12. OWNER HAS ESTABLISHED SUBDIVISION BOUNDARY CORNERS. CONTRACTOR SHALL PROVIDE ALL OTHER CONSTRUCTION STAKING INCLUDING TRACT CORNERS. CONTRACTOR SHALL LOCATE AND PRESERVE ALL BOUNDARY CORNERS AND REPLACE ANY LOST OR DISTURBED CORNERS.

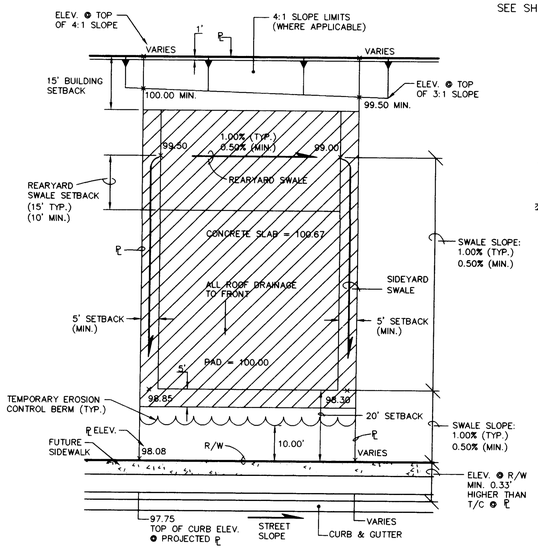
EROSION CONTROL

1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO THE PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY. THIS CAN BE ACHIEVED BY CONSTRUCTING EROSION CONTROL BERMS (AS DETAILED AT RIGHT) AS SHOWN ON THE PLAN AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
2. THE CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" FROM THE CITY ENVIRONMENTAL HEALTH DEPARTMENT PRIOR TO BEGINNING CONSTRUCTION. AN EXCAVATION PERMIT IS REQUIRED FOR ALL WORK WITHIN PUBLIC RIGHT-OF-WAY.
3. SEE GRADING NOTES.



EROSION CONTROL BERM

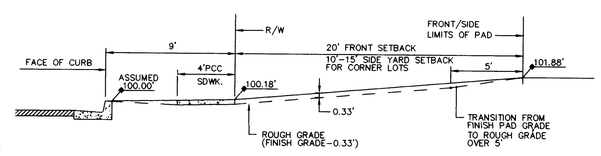
SCALE: 1"=2'



COMPACTION ZONE – CONTRACTOR SHALL COMPACT SOILS IN THIS AREA TO A MINIMUM OF 95% COMPACTION PER ASTM D698, FOR A DEPTH OF 12 INCHES.

TYPICAL LOT GRADING SHOWING COMPACTION ZONE

1"=20'



FRONT/SIDE YARD GRADING

1"=5'-0"

SCANNED BY BY LASON

AS-BUILT INFORMATION
CONTRACTOR FRANKLINS
WORK STAKED BY ALS, INC. DATE 97
INSPECTOR'S ACCEPTANCE BY Rodriguez DATE 2/98
FIELD VERIFICATION BY ALS, INC. DATE 98
MAPS CORRECTED BY ALS, INC. DATE 4/98
MICRO-FILM INFORMATION
RECORDED BY DATE
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ACS MONUMENT "1-M10" LOCATED AT THE SOUTHEAST CORNER OF SAGE RD. & UNSER BLVD.
ELEV. = 5079.88

SURVEY INFORMATION
FIELD NOTES
1 ALS 1/96

ENGINEER'S SEAL
FRED C. ARFMAN STATE OF NEW MEXICO 7326 REGISTERED PROFESSIONAL ENGINEER
5-12-98

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY FCA DATE 3/97
DRAWN BY ANW DATE 3/97
CHECKED BY I&A DATE 3/97

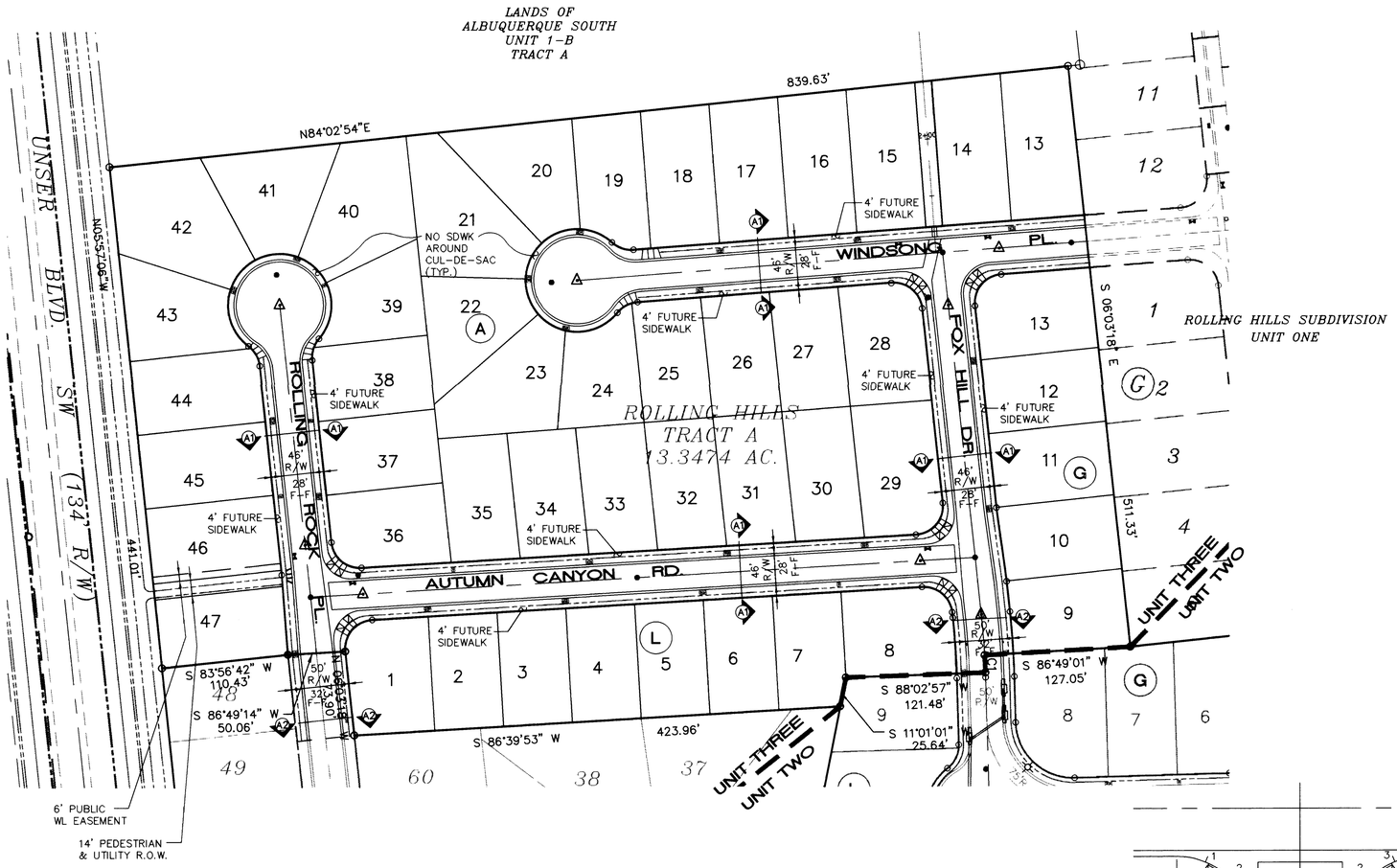
ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
9173GDTL.DWGanw 05/05/97

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: ROLLING HILLS SUBDIVISION--UNIT 3
GRADING DETAILS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

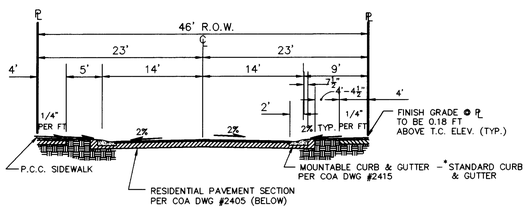
City Project No. 5379.92 | Zone Map No. M-10 | Sheet 4 Of 14



SCALE: 1"=60'

LEGEND

- EXISTING STREET IMPROVEMENTS
- PROPOSED STREET IMPROVEMENTS
- WHEEL CHAIR RAMP
- VALLEY GUTTER
- (A) BLOCK NO.
- 20 LOT NO.
- PROPOSED STREET LIGHT
- STORM DRAIN CATCH BASIN
- STORM DRAIN MANHOLE
- EXISTING STREET LIGHT
- SIDEWALK BY OTHERS
- SIDEWALK THIS CONTRACT

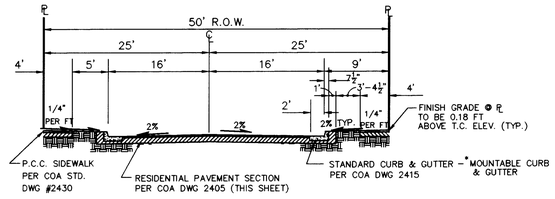


SECTION A1

TYPICAL 46' R.O.W. RESIDENTIAL STREET SECTION

1"=10'

*FOX HILL DR.
(STA 1+00 TO 3+27.64)

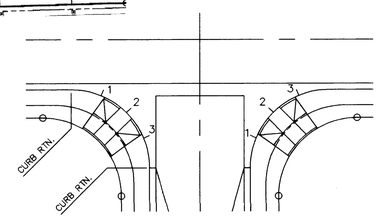


SECTION A2

TYPICAL 50' R.O.W. RESIDENTIAL STREET SECTION

1"=10'

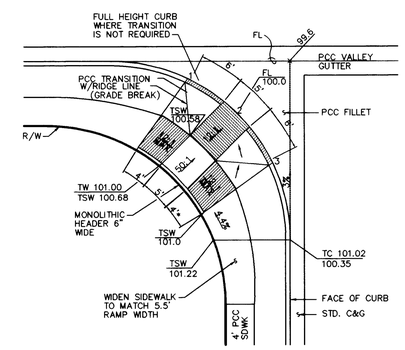
*ROLLING ROCK PL.
(STA 4+05.00 TO END)



NOTE:
QUARTER POINT GRADES ARE REFERENCED AS 1, 2 & 3 ALONG THE FACE OF CURB IN A CLOCKWISE DIRECTION.

QUARTER POINT DETAIL

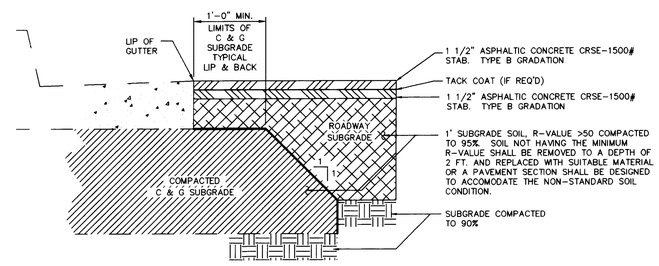
NTS



* 4' SDWK RAMP MAY BE LENGTHENED FOR SLOPES GREATER THAN 3% ON ADJACENT STREET.

A.D.A. WHEELCHAIR RAMP

1"=10'



RESIDENTIAL PAVING SECTION

SCALE: 1"= 1'-0" (PER COA STD. DWG. No. 2405)

SCANNED BY
BY LASON

AS-BUILT INFORMATION
CONTRACTOR FRANCLINS DATE 9-7
INSPECTOR'S STAMP BY ALS, INC DATE 7-98
INSPECTOR'S SIGNATURE BY DATE 7-98
FIELD VERIFICATION BY ALS, INC DATE 9-98
REMARKS
CORRECTED BY ALS, INC DATE 4-98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS MONUMENT "1-M10" LOCATED AT THE SOUTHEAST CORNER OF SAGE RD. & UNSER BLVD.
ELEV. = 5079.88

SURVEY INFORMATION
FIELD NOTES

1	ALS	1/96

ENGINEER'S SEAL
FRED C. ARFMAN
STATE OF NEW MEXICO
7320
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

DESIGNED BY	FCA	DATE 3/97
DRAWN BY	ANW	DATE 3/97
CHECKED BY	I&A	DATE 3/97

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

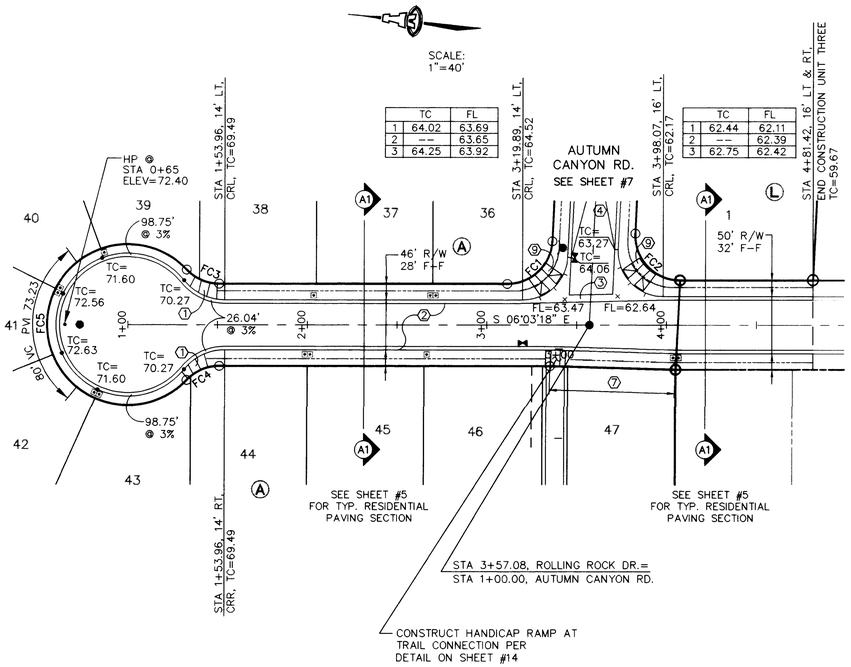
917PMST3.DWGanw 05/05/97

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: ROLLING HILLS SUBDIVISION--UNIT 3
PAVING MASTER PLAN

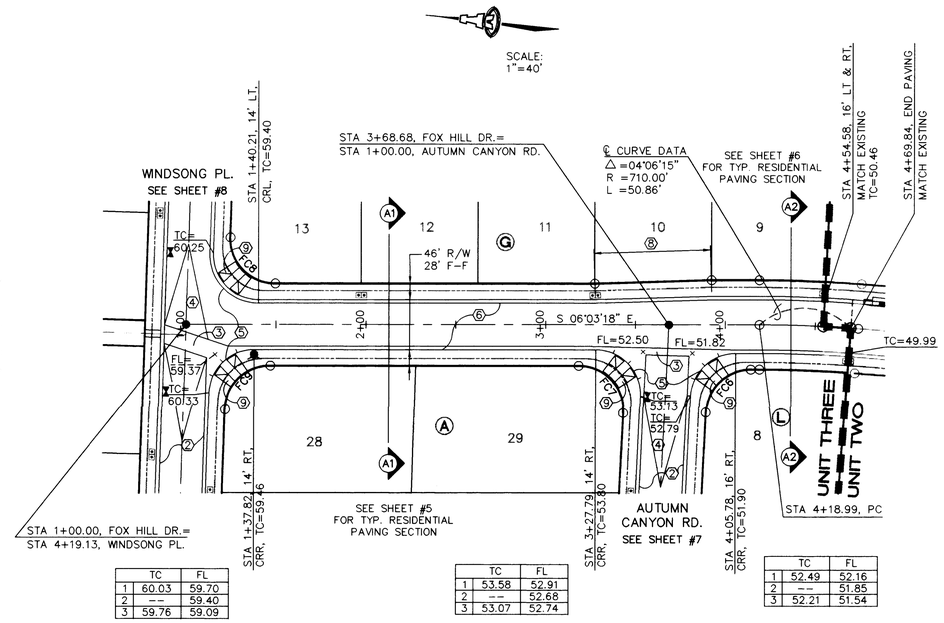
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
DRAFT				

City Project No. 5379.92 | Zone Map No. M-10 | Sheet 5 Of 14



	TC	FL
1	64.02	63.69
2	--	63.65
3	64.25	63.92

	TC	FL
1	62.44	62.11
2	--	62.39
3	62.75	62.42



	TC	FL
1	60.03	59.70
2	--	59.40
3	59.76	59.09

	TC	FL
1	53.58	52.91
2	--	52.68
3	53.07	52.74

	TC	FL
1	52.49	52.16
2	--	51.85
3	52.21	51.54

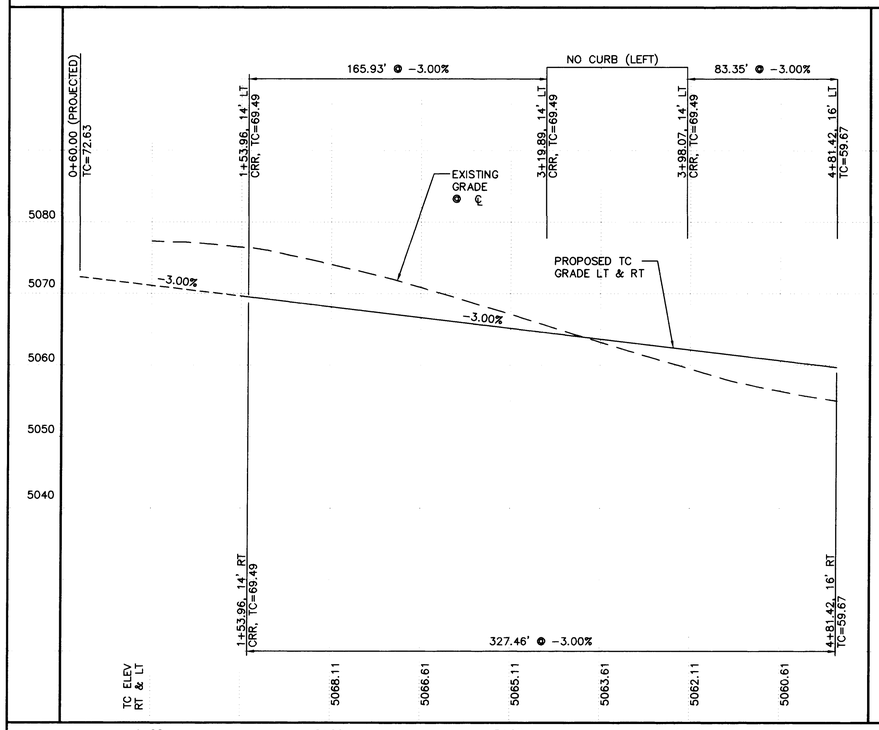
KEYED CONSTRUCTION NOTES

1. CONSTRUCT HANDICAP RAMP PER COA STD DWG #2441.
2. MOUNTABLE CURB & GUTTER PER COA STD DWG #2415.
3. CONSTRUCT PCC VALLEY GUTTER 4' WIDE, 3/4" INVERT PER COA STD DWG #2420.
4. CROWN TO NO CROWN TRANSITION 50' MIN. LENGTH.
5. TRANSITION FROM MOUNTABLE TO STANDARD CURB PER COA STD DWG #2418.
6. STANDARD CURB & GUTTER PER COA STD DWG #2415.
7. TRANSITION FROM 46' R/W, 28' F-F, TO 50' R/W, 32' F-F, FROM STA 3+35.28 TO STA 4+05.00, RIGHT.
8. TRANSITION FROM 46' R/W, 28' F-F, TO 50' R/W, 32' F-F, FROM STA 3+27.64 TO STA 3+92.50, LEFT.
9. CONSTRUCT HANDICAP RAMP PER DETAIL ON SHEET #5.

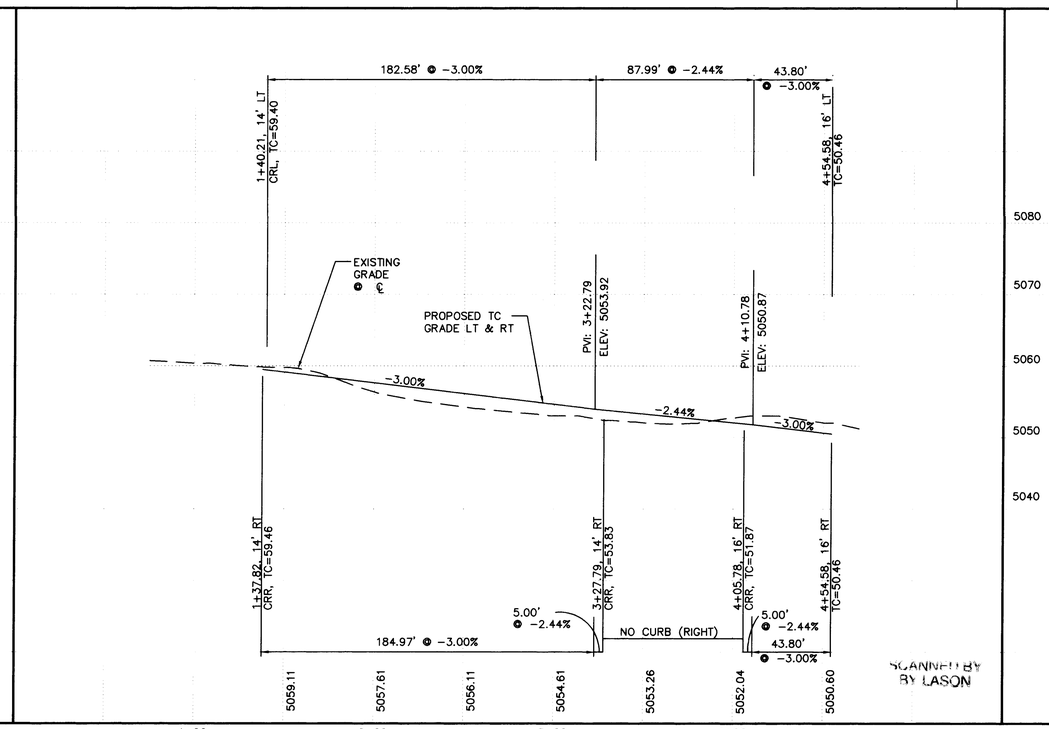
FACE OF CURB CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA
FC1	25.00'	38.08'	87°16'49"
FC2	25.00'	40.46'	92°43'11"
FC3	29.00'	26.04'	51°27'02"
FC4	29.00'	26.04'	51°27'02"
FC5	40.00'	197.50'	282°54'05"
FC6	25.00'	38.08'	87°16'49"
FC7	25.00'	40.46'	92°43'11"
FC8	25.00'	40.04'	91°45'21"
FC9	25.00'	38.50'	88°14'39"

ROLLING ROCK PL.



FOX HILL DR.



SCALES:
1"=40' HOR.
1"=10' VERT.

SCANNED BY BY LASON

AS-BUILT INFORMATION
CONTRACTOR FRANCLINS
WORK STAKED BY ALS, INC. DATE 9/97
INSPECTOR'S ACCEPTANCE BY [illegible] DATE 9/98
FIELD VERIFICATION BY ALS, INC. DATE 9/98
DRAWINGS CORRECTED BY ALS, INC. DATE 9/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS MONUMENT "1-M10" LOCATED AT THE SOUTHEAST CORNER OF SAGE RD. & UNSER BLVD.
ELEV. = 5079.88

SURVEY INFORMATION
FIELD NOTES
1 ALS 1/96

ENGINEER'S SEAL
FRED C. ARFMAN STATE OF NEW MEXICO 7322 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY FCA DATE 3/97
DRAWN BY ANW DATE 3/97
CHECKED BY I&A DATE 3/97

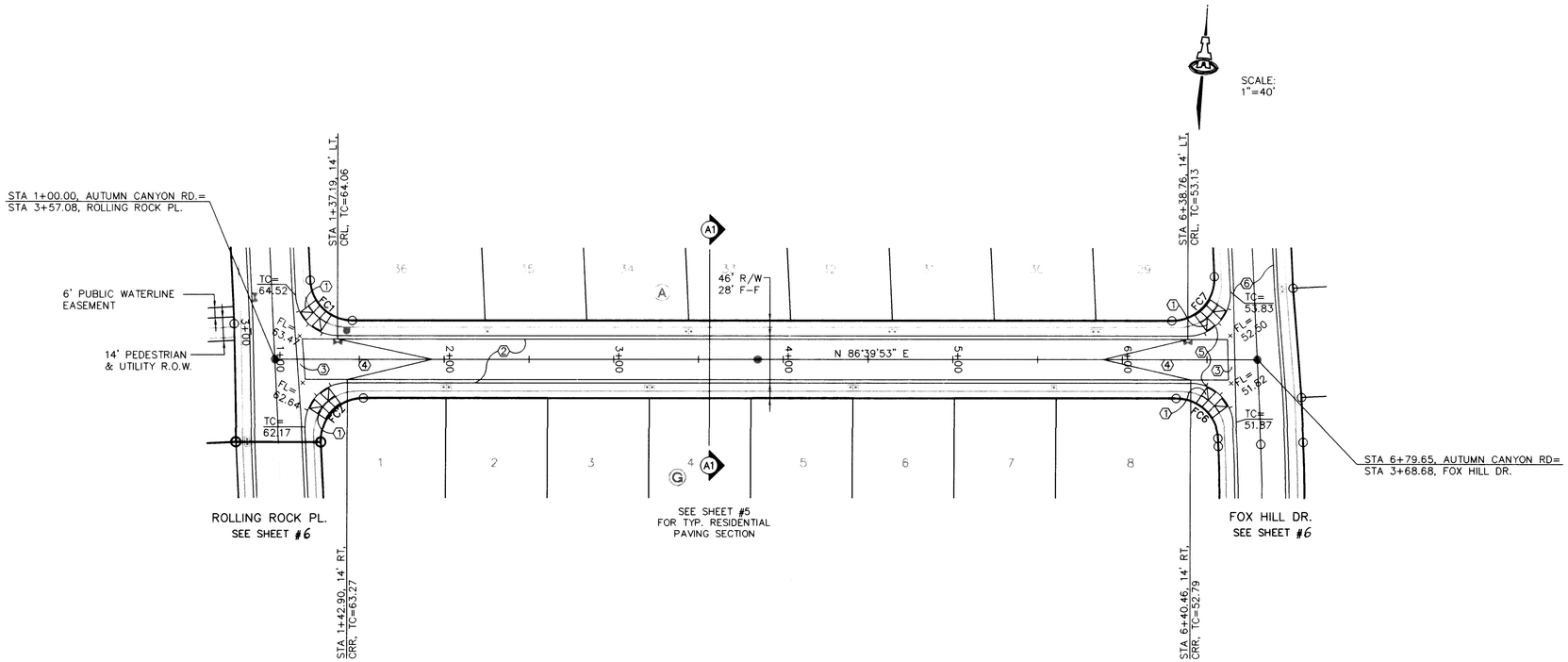
ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
917PV1.DWGanw 04/30/97

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: ROLLING HILLS SUBDIVISION--UNIT 3
ROLLING ROCK PL. & FOX HILL DR.
PAVING PLAN & PROFILE

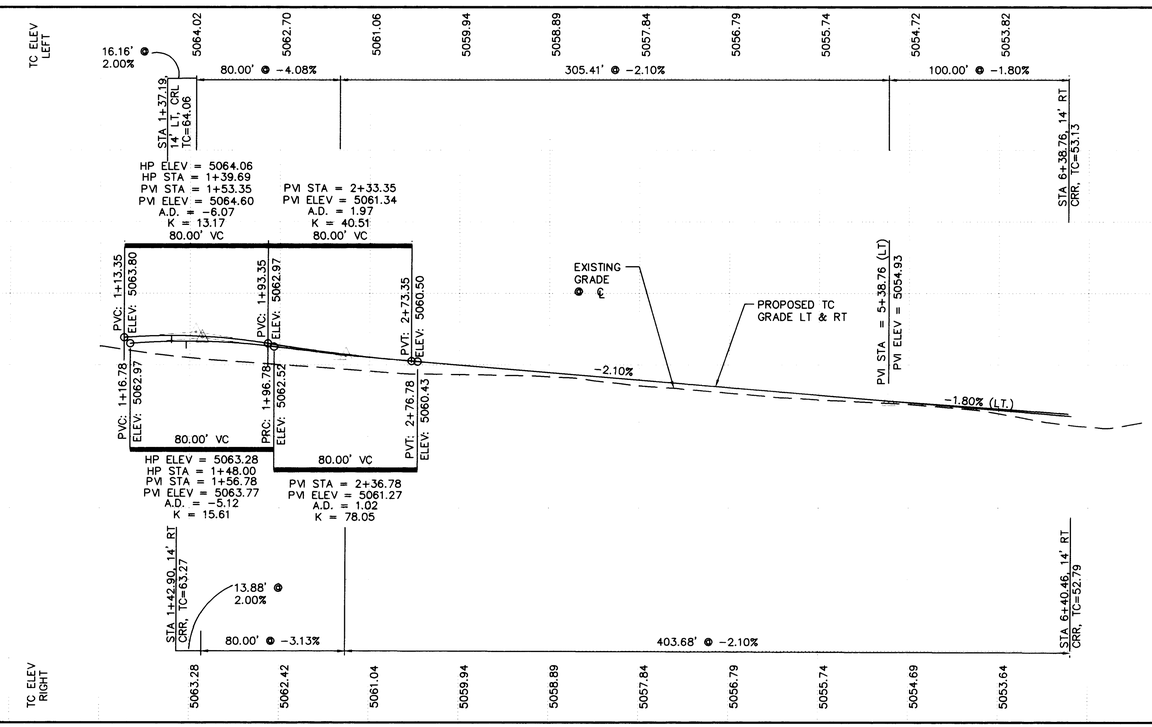
Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5379.92 | Zone Map No. M-10 | Sheet 6 Of 14



AUTUMN CANYON RD.

SCALES:
1"=40' HOR.
1"=10' VERT.



KEYED CONSTRUCTION NOTES

1. CONSTRUCT HANDICAP RAMP PER DETAIL ON SHEET #5.
2. MOUNTABLE CURB & GUTTER PER COA STD DWG #2415.
3. CONSTRUCT PCC VALLEY GUTTER 4' WIDE, 3/4" INVERT PER COA STD DWG #2420.
4. CROWN TO NO CROWN TRANSITION 50' MIN. LENGTH.
5. TRANSITION FROM MOUNTABLE TO STANDARD CURB PER COA STD DWG #2418.
6. STANDARD CURB & GUTTER PER COA STD DWG #2415.

FACE OF CURB CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA
FC1	25.00'	38.08'	87°16'49"
FC2	25.00'	40.46'	92°43'11"
FC6	25.00'	38.08'	87°16'49"
FC7	25.00'	40.46'	92°43'11"

AS-BUILT INFORMATION
CONTRACTOR: FRANKLINS
WORK STAKED BY: ALS, INC. DATE: 9-97
INSPECTOR'S ACCEPTANCE BY: Rod Bay DATE: 2-98
FIELD VERIFICATION BY: ALS, INC DATE: 9-98
DRAWINGS CORRECTED BY: ALS, INC DATE: 4-98
MICRO-FILM INFORMATION
RECORDED BY: DATE:
NO.

BENCH MARKS
ACS MONUMENT "1-M10" LOCATED AT THE SOUTHEAST CORNER OF SAGE RD. & UNSER BLVD.
ELEV. = 5079.88

SURVEY INFORMATION
FIELD NOTES
1 ALS 1/96

ENGINEER'S SEAL
FRED C. ARFMAN STATE OF NEW MEXICO 7337 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
1			

REVISIONS

DESIGN			
DESIGNED BY	FCA	DATE	3/97
DRAWN BY	ANW	DATE	3/97
CHECKED BY	I&A	DATE	3/97

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
917PV2.DWGanw 05/06/07

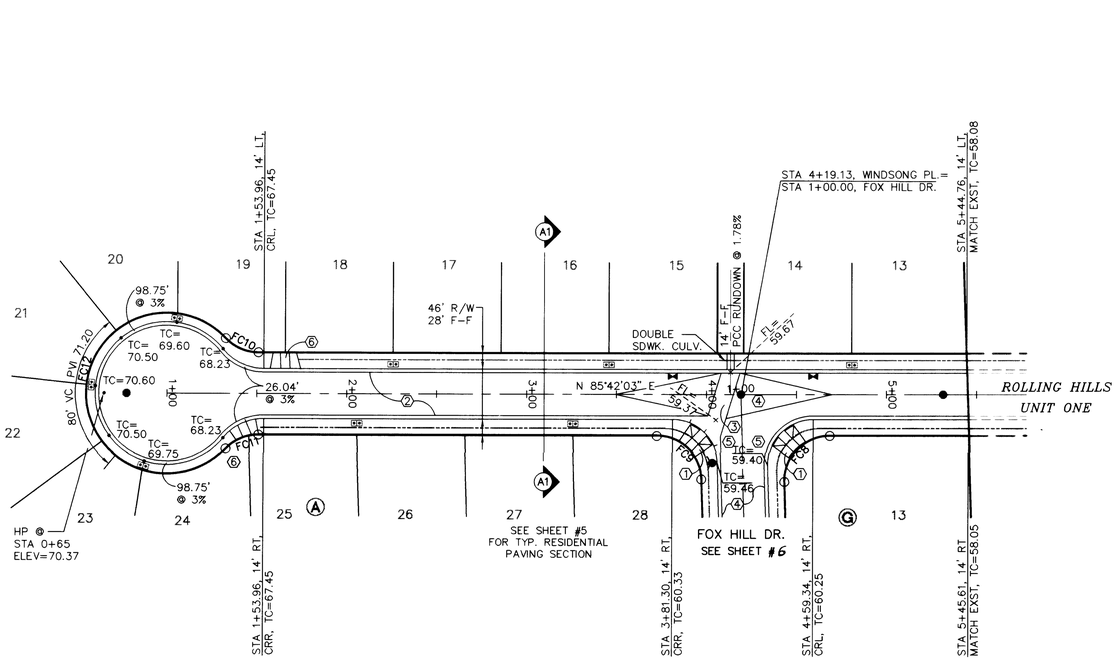
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: ROLLING HILLS SUBDIVISION--UNIT 3
AUTUMN CANYON RD.
PAVING PLAN & PROFILE

Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

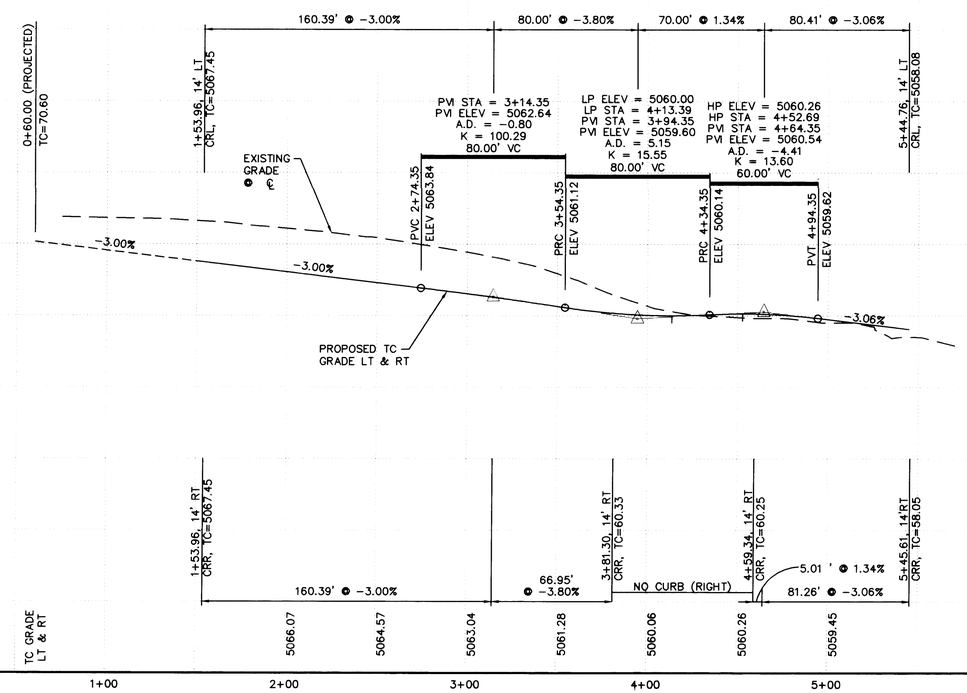
City Project No. 5379.92 | Zone Map No. M-10 | Sheet 7 Of 14

SCANNED BY ISAAC



WINDSONG PL.

SCALES:
1"=40' HOR.
1"=10' VERT.



KEYED CONSTRUCTION NOTES

1. CONSTRUCT HANDICAP RAMP PER DETAIL ON SHEET #5.
2. MOUNTABLE CURB & GUTTER PER COA STD DWG #2415.
3. CONSTRUCT PCC VALLEY GUTTER 10' WIDE, 3/4" INVERT PER COA STD DWG #2420 (MODIFIED FOR 10' WIDTH).
4. STANDARD CURB & GUTTER PER COA STD DWG #2415.
5. TRANSITION FROM MOUNTABLE TO STANDARD CURB PER COA STD DWG #2418.
6. CONSTRUCT HANDICAP RAMP PER COA STD DWG #2441.

FACE OF CURB CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA
FC8	25.00'	40.04'	91°45'21"
FC9	25.00'	38.50'	88°14'39"
FC10	29.00'	26.04'	51°27'02"
FC11	29.00'	26.04'	51°27'02"
FC12	40.00'	197.50'	282°54'05"

AS-BUILT INFORMATION
CONTRACTOR: FRANKLINS
WORK STAKED BY: ACS, INC. DATE 97
INSPECTOR'S ACCEPTANCE BY: Cyde Bly DATE 97
FIELD VERIFICATION BY: ALS, INC DATE 98
DRAWINGS CORRECTED BY: ACS, INC DATE 4/98
MICRO-FILM INFORMATION
RECORDED BY: DATE:
NO.

BENCH MARKS
ACS MONUMENT "1-M10" LOCATED AT THE SOUTHEAST CORNER OF SAGE RD. & UNSER BLVD.
ELEV = 5079.88

SURVEY INFORMATION
FIELD NOTES
1 ALS 1/96

ENGINEER'S SEAL
FRED C. ARFMAN STATE OF NEW MEXICO 7322 REGISTERED PROFESSIONAL ENGINEER
5-10-97

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY FCA DATE 3/97
DRAWN BY ANW DATE 3/97
CHECKED BY I&A DATE 3/97

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
917PV3.DWGanw 04/30/97

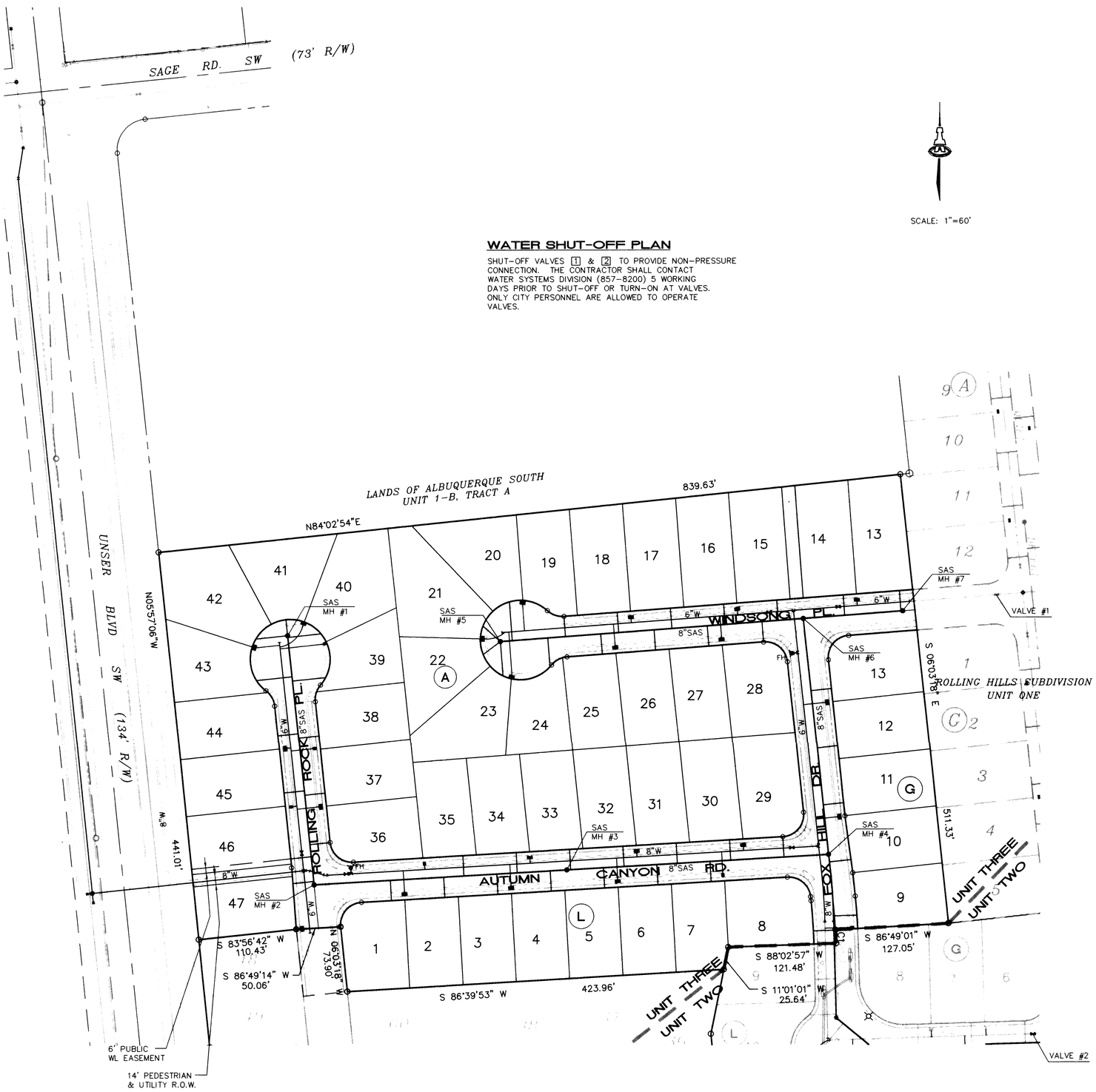
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: ROLLING HILLS SUBDIVISION--UNIT 3
WINDSONG PL.
PAVING PLAN & PROFILE

Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5379.92 | Zone Map No. M-10 | Sheet 8 Of 14

SCANNED BY BY LASON



SCALE: 1"=60'

WATER SHUT-OFF PLAN

SHUT-OFF VALVES [1] & [2] TO PROVIDE NON-PRESSURE CONNECTION. THE CONTRACTOR SHALL CONTACT WATER SYSTEMS DIVISION (857-8200) 5 WORKING DAYS PRIOR TO SHUT-OFF OR TURN-ON AT VALVES. ONLY CITY PERSONNEL ARE ALLOWED TO OPERATE VALVES.

LEGEND

- SINGLE WATER METER & BOX
- DOUBLE WATER METER & BOX
- GATE VALVE W/ TYPE 'A' VALVE BOX
- FIRE HYDRANT
- SAS MANHOLE
- WATER LINE W/ FITTING

RESTRAINED JOINT LENGTHS, L_T, FOR TEES, (FT.) ALL JOINTS AT THE TEE MUST BE RESTRAINED.

SIZE	MINIMUM RUN LENGTH		MINIMUM BRANCH LENGTH	
	RUN	BRANCH	RUN	BRANCH
12x12x12	15	17	18	3
12x12x10	10	18	13	1
12x12x8	6	19	8	5
12x12x6	3	19	5	1
12x12x4	1	19	2	6
10x10x10	12	18	15	5
10x10x8	8	15	10	4
10x10x6	4	16	6	1
10x10x4	2	4	3	1
8x8x8	9	20	13	3
8x8x6	5	17	7	5
8x8x4	2	15	3	7
6x6x6	6	20	10	2
6x6x4	2	20	4	7

RESTRAINED JOINT LENGTHS, L_T, FOR HORIZONTAL BENDS, VALVES, AND DEAD ENDS, (FT.)

SIZE	HORZ. BENDS				VALVES & DEAD ENDS
	90°	45°	22 14°	11 1/4°	
12	30	12	6	3	85
10	26	11	5	3	72
8	22	9	4	2	60
6	17	7	3	2	46
4	12	5	2	1	32

RESTRAINED JOINT LENGTHS, L_T, FOR REDUCERS, (FT.) MINIMUM UNOBSTRUCTED, STRAIGHT-RUN LENGHT: RESTRAIN EITHER LARGE PIPE, OR SMALL PIPE.

SIZE	LARGE SIDE	SMALL SIDE	SIZE	LARGE SIDE	SMALL SIDE
12x10	25	30	10x6	44	73
12x8	45	68	10x4	58	141
12x6	62	121	8x6	25	33
12x4	74	213	8x4	43	83
10x8	24	30	6x4	24	35

THIS TABLE IS BASED UPON THE FOLLOWING CRITERIA:

DEPTH OF BURY	3.0 FT. MINIMUM
FACTOR OF SAFETY	1.25
MATERIAL	PVC PIPE
SOIL TYPE:	GM/SM - SILTY GRAVELS AND SILTY SANDS, GRAVEL-SAND-SILT MIXTURES.
TEST PRESSURE	150 PSI
TRENCH TYPE 4:	PIPE BEDDED IN SAND, GRAVEL, OR CRUSHED STONE TO DEPTH OF 1/8 PIPE DIAMETER, 4 INCH MINIMUM; BACKFILL COMPACTED TO TOP OF PIPE.

DIFFERENT CRITERIA, E.G., DUCTILE IRON PIPE, GREATER DEPTH OF BURY, ETC., WILL REQUIRE DIFFERENT RESTRAINED LENGTHS. THESE MUST BE CALCULATED BY A QUALIFIED PROFESSIONAL ENGINEER AND APPROVED BY THE PUBLIC WORKS DEPARTMENT.

RESTRAINED JOINT LENGTHS FOR WATERLINE FITTINGS

SCANNED BY BY LASON

AS-BUILT INFORMATION

CONTRACTOR FANTUNS DATE 9-97
STAKED BY ALS, INC DATE 2-97
INSPECTOR'S ACCEPTANCE BY ALS, INC DATE 3-97
FIELD VERIFICATION BY ALS, INC DATE 3-98
DRAWINGS CORRECTED BY ALS, INC DATE 4-98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

ACS MONUMENT "1-M10" LOCATED AT THE SOUTHEAST CORNER OF SAGE RD. & UNSER BLVD.
ELEV. = 5079.88

SURVEY INFORMATION

FIELD NOTES

ALS	1/96	
		1

ENGINEER'S SEAL

FRED C. ARFMAN NEW MEXICO 7322 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

		DATE
DESIGNED BY	FCA	3/97
DRAWN BY	ANW	3/97
CHECKED BY	I&A	3/97

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

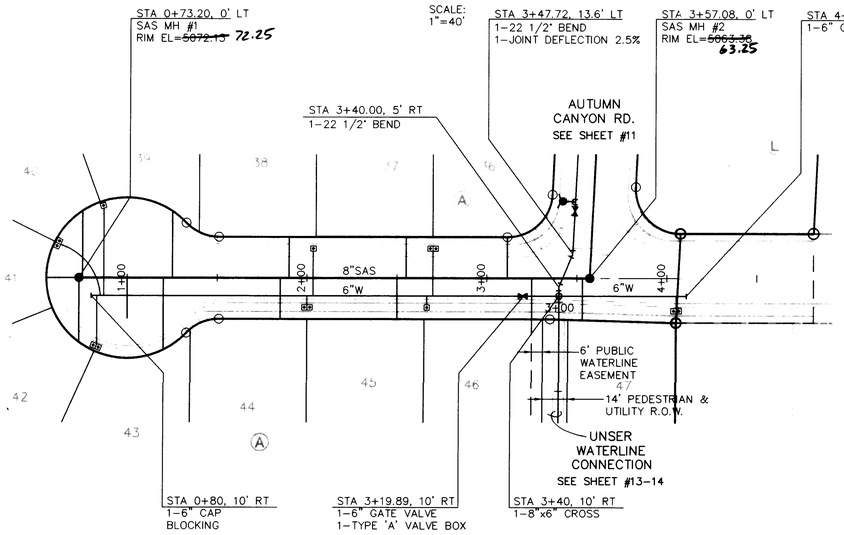
917UMST3.DWG 05/05/97

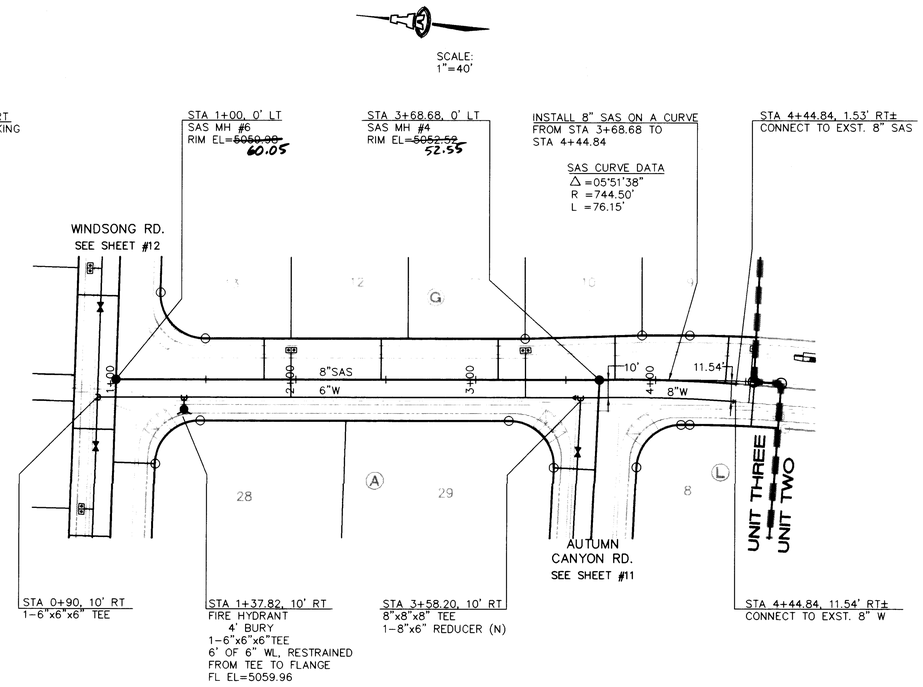
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: ROLLING HILLS SUBDIVISION--UNIT 3
UTILITY MASTER PLAN

City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5379.92 | Zone Map No. M-10 | Sheet 9 Of 14



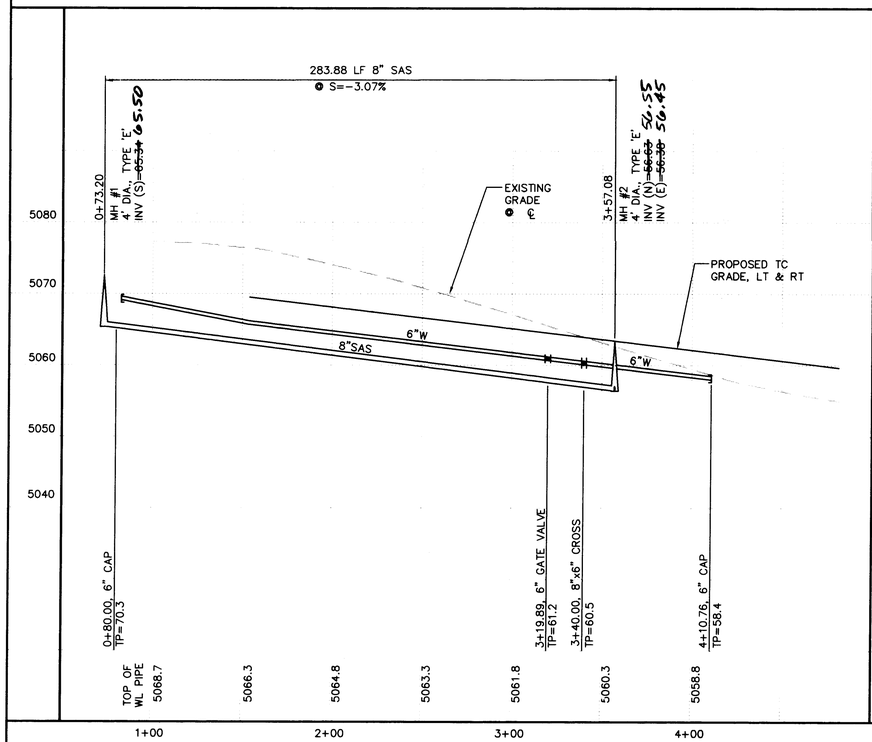


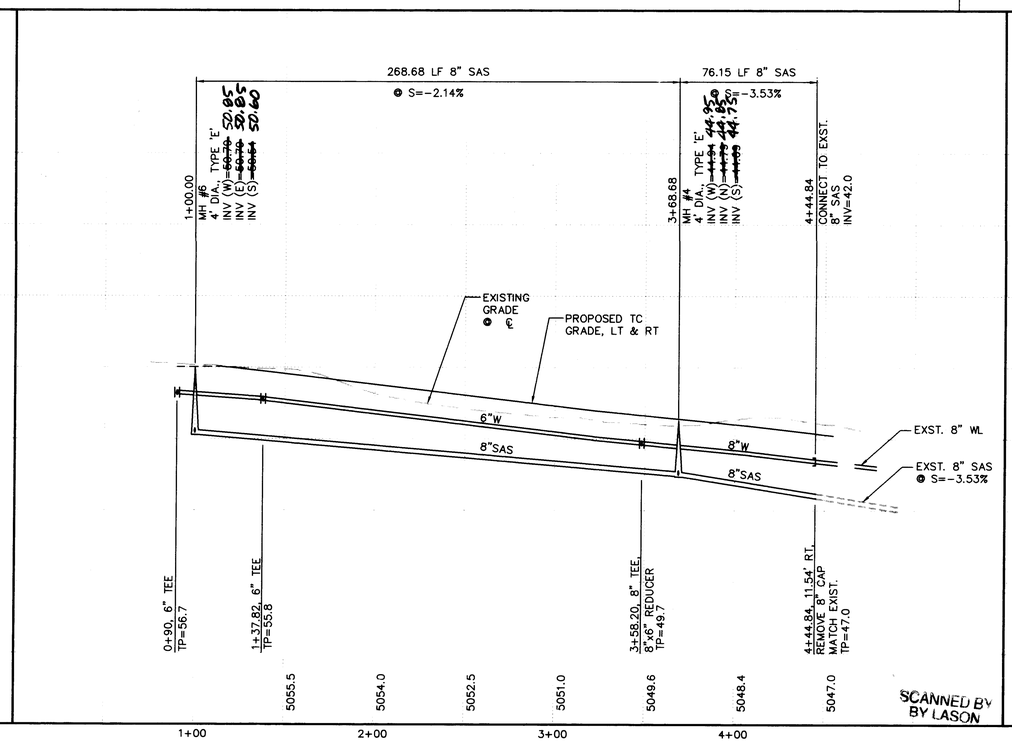
ROLLING ROCK PL.

FOX HILL DR.

SCALES:

1"=40' HOR.
1"=10' VERT.





SCANNED BY BY LASON

GENERAL NOTES

1. CONSTRUCT SAS SERVICES PER COA STD DWG #2125.
2. CONSTRUCT ALL SINGLE & DOUBLE WATER SERVICES PER COA STD DWG'S #2361, #2362, & #2363.
3. SEE SHEET #9 FOR WATER SHUT-OFF PLAN.
4. SEE SHEET #9 FOR RESTRAINED JOINT LENGTHS FOR WATER LINE FITTINGS.
5. CONSTRUCT FIRE HYDRANTS PER DESIGNATED DEPTHS & LENGTHS PER COA STD DWG #2340.

SAS SERVICE TABLE

LOT NO.	STA.	INV. @ R/W
BLOCK Ⓐ		
36	3+11	59.8
37	2+55	61.4
38	1+90	63.4
39	1+25	65.5
40	0+72	67.2
41	SAS MH	67.7
42	0+69	67.2
43	1+20	65.6
44	1+85	63.6
45	2+50	61.6
46	3+25	59.4
47	3+53	58.5
BLOCK Ⓒ		
9	4+40	45.9
10	3+77	47.6
11	3+12	49.2
12	2+47	51.2
13	1+82	53.2

WL SERVICE TABLE

LOT NO.	STA.	TYPE	LENGTH
BLOCK Ⓐ			
36	2+69.99	DS	26'
37			26'
38	2+04.99	SS	26'
39	0+87.14	SS	49'
40	AT PROJECTED LOT LINE 40/41	DS	40'
41			40'
42	0+83.20	DS	29'
43			29'
44	2+00.00	DS	7'
45			7'
46	3+35.00	SS	7'
47	4+05.15	DS	7'
BLOCK Ⓒ			
9	4+53.11	SS	30'
10	3+27.36	DS	26'
11			26'
12	1+97.36	DS	26'
13			26'

AS-BUILT INFORMATION
CONTRACTOR FRANCLINS
WORK STAKED BY ALS, INC. DATE 3/97
WORK INSPECTED FOR ACCEPTANCE BY Fox Hill Bus. DATE 4/98
FIELD VERIFICATION BY ALS, INC DATE 3/98
DRAWINGS CORRECTED BY ALS, INC DATE 4/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS MONUMENT "1-M10" LOCATED AT THE SOUTHEAST CORNER OF SAGE RD. & UNSER BLVD.
ELEV. = 5079.88

SURVEY INFORMATION
FIELD NOTES
1 ALS 1/96

ENGINEER'S SEAL
FRED C. ARFMAN
STATE OF NEW MEXICO
7322
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY FCA DATE 3/97
DRAWN BY ANW DATE 3/97
CHECKED BY I&A DATE 3/97

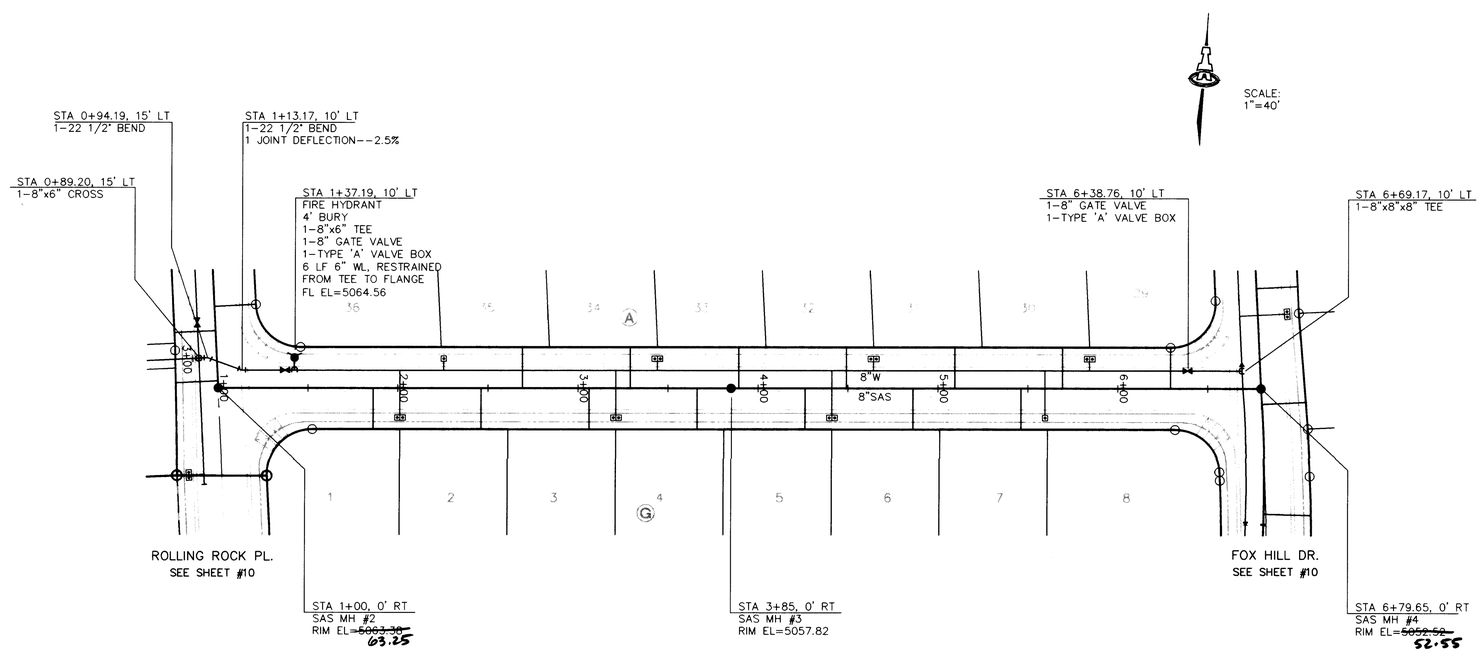
ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
917UTL1.DWGanw 05/06/97

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: ROLLING HILLS SUBDIVISION--UNIT 3
ROLLING ROCK PL. & FOX HILL DR.
UTILITY PLAN & PROFILE

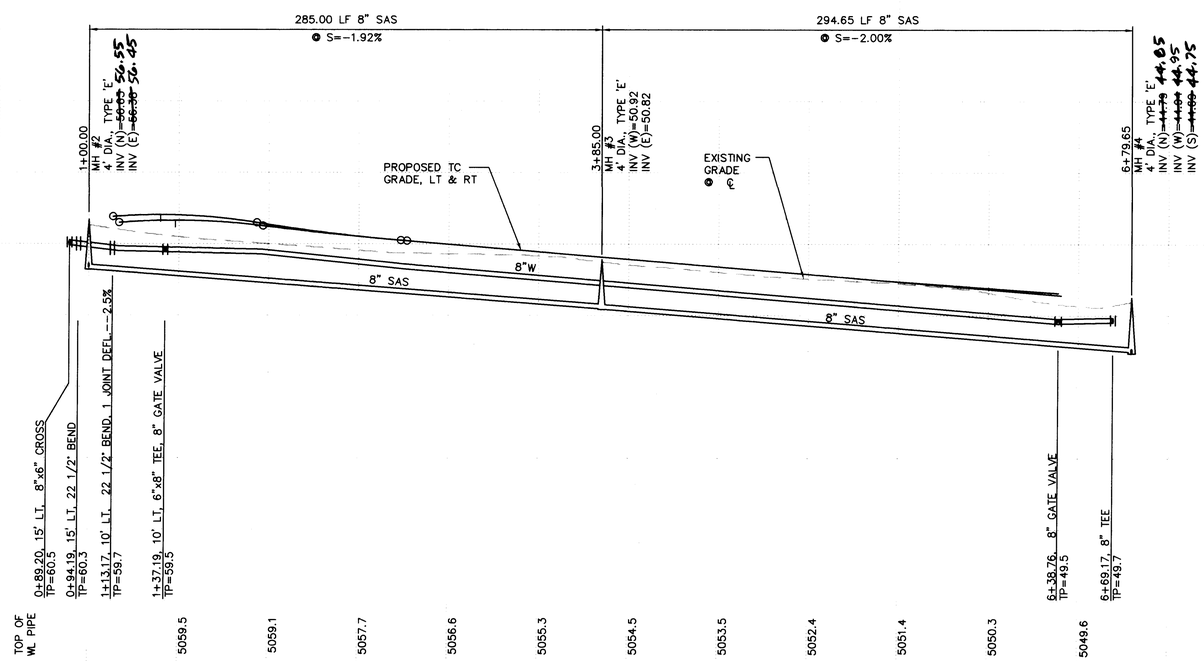
Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5379.92 | Zone Map No. M-10 | Sheet 10 Of 14



AUTUMN CANYON RD.

SCALES:
1"=40' HOR.
1"=10' VERT.



SCANNED BY BY LASON

GENERAL NOTES

1. CONSTRUCT SAS SERVICES PER COA STD DWG #2125.
2. CONSTRUCT ALL SINGLE & DOUBLE WATER SERVICES PER COA STD DWG'S #2361, #2362, & #2363.
3. SEE SHEET #9 FOR WATER SHUT-OFF PLAN.
4. SEE SHEET #9 FOR RESTRAINED JOINT LENGTHS FOR WATER LINE FITTINGS.
5. CONSTRUCT FIRE HYDRANTS PER DESIGNATED DEPTHS & LENGTHS PER COA STD DWG #2340.

SAS SERVICE TABLE

LOT NO.	STA.	INV. @ R/W
BLOCK Ⓐ		
29	6+29	48.3
30	5+69	49.4
31	5+09	50.5
32	4+49	51.8
33	3+89	53.1
34	3+29	54.3
35	2+69	55.6
BLOCK Ⓛ		
1	1+86	57.8
2	2+46	56.1
3	3+06	54.8
4	3+66	53.6
5	4+26	52.3
6	4+86	51.0
7	5+46	49.8

WL SERVICE TABLE

LOT NO.	STA.	TYPE	LENGTH
BLOCK Ⓐ			
29	5+84.45	DS	7'
30			7'
31	4+64.32	DS	7'
32			7'
33	3+44.18	DS	7'
34			7'
35	2+24.05	SS	7'
BLOCK Ⓛ			
1	2+01.19	DS	26'
2			26'
3	3+21.19	DS	26'
4			26'
5	4+41.19	DS	26'
6			26'
7	5+62.19	SS	26'

AS-BUILT INFORMATION
CONTRACTOR FRANKLINS
WORK STAKED BY ALS, INC. DATE 9/97
INSPECTOR'S ACCEPTANCE BY Lyle Berg DATE 2/98
FIELD VERIFICATION BY ALS, INC DATE 9/98
DRAWINGS CORRECTED BY ALS, INC DATE 4/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS MONUMENT "1-M10" LOCATED AT THE SOUTHEAST CORNER OF SAGE RD. & UNSER BLVD.
ELEV. = 5079.88

SURVEY INFORMATION
FIELD NOTES
1 ALS 1/96

ENGINEER'S SEAL
FRED C. ARFMAN, STATE OF NEW MEXICO, 7324, REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY FCA DATE 3/97
DRAWN BY ANW DATE 3/97
CHECKED BY I&A DATE 3/97

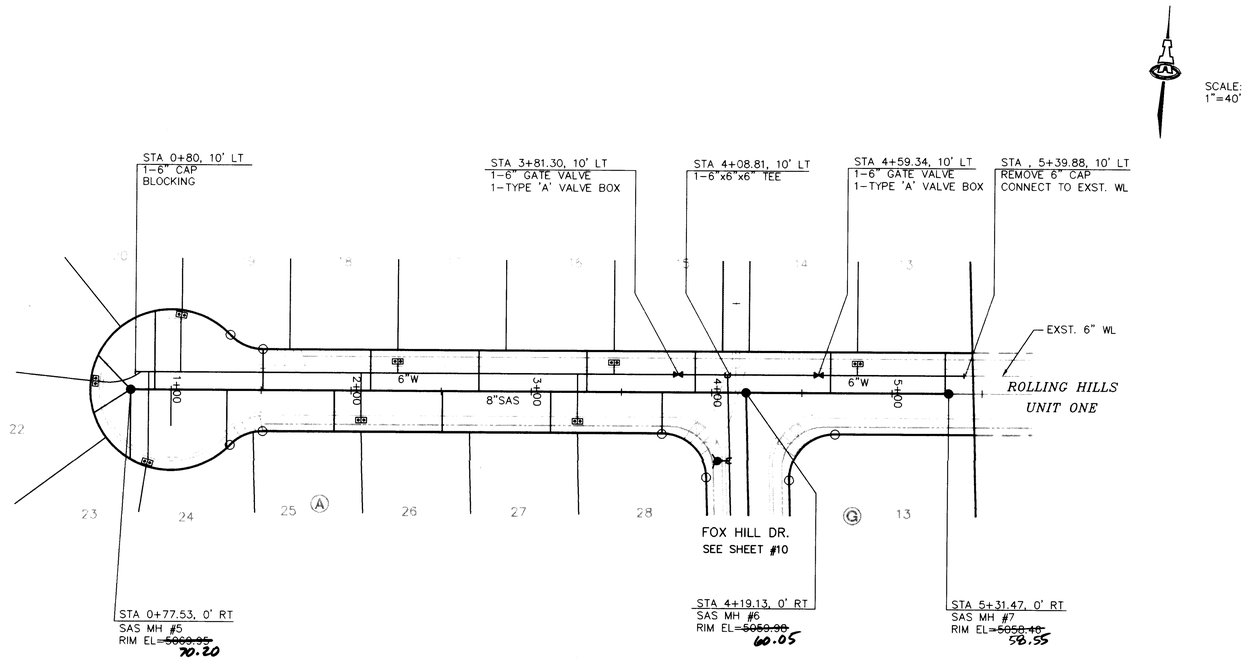
ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
917UTL2.DWGanw 05/06/97

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: ROLLING HILLS SUBDIVISION--UNIT 3
AUTUMN CANYON RD.
UTILITY PLAN & PROFILE

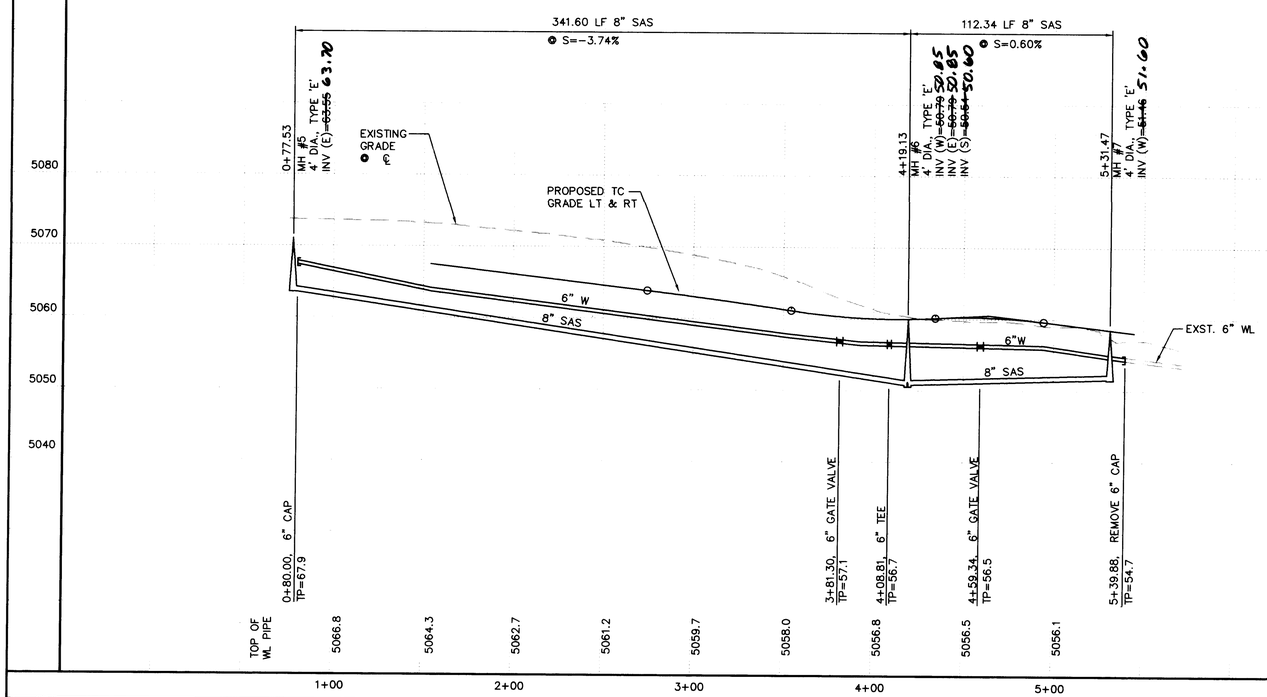
Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5379.92 | Zone Map No. M-10 | Sheet 11 Of 14



WINDSONG PL.

SCALES:
1"=40' HOR.
1"=10' VERT.



SCANNED BY
BY LASON

GENERAL NOTES

1. CONSTRUCT SAS SERVICES PER COA STD DWG #2125.
2. CONSTRUCT ALL SINGLE & DOUBLE WATER SERVICES PER COA STD DWG'S #2361, #2362, & #2363.
3. SEE SHEET #9 FOR WATER SHUT-OFF PLAN.
4. SEE SHEET #9 FOR RESTRAINED JOINT LENGTHS FOR WATER LINE FITTINGS.
5. CONSTRUCT FIRE HYDRANTS PER DESIGNATED DEPTHS & LENGTHS PER COA STD DWG #2340.

SAS SERVICE TABLE

LOT NO.	STA.	INV. @ R/W
BLOCK Ⓐ		
13	5+29	53.6
14	4+66	55.2
15	3+91	55.2
16	3+31	57.0
17	2+71	58.9
18	2+11	60.7
19	1+51	62.4
20	0+91	64.9
21	SAS MH	65.8
22	SAS MH	65.8
23	0+72	65.2
24	1+31	63.5
25	1+91	61.3
26	2+51	59.5
27	3+11	57.7
28	3+73	55.5

WL SERVICE TABLE

LOT NO.	STA.	TYPE	LENGTH
BLOCK Ⓐ			
13	4+80.90	DS	7'
14			7'
15	3+45.90	DS	7'
16			7'
17	2+25.90	DS	7'
18			7'
19	1+05.29	DS	32'
20			32'
21	AT PROJECTED LOT LINE 27/28	DS	26'
22			26'
23	0+87.53	DS	51'
24			51'
25	2+05.73	DS	26'
26			26'
27	3+25.79	DS	26'
28			26'

AS-BUILT INFORMATION
CONTRACTOR FRANKLINS
WORK STAKED BY ALS, INC DATE 9/97
INSPECTOR'S ACCEPTANCE BY [illegible] DATE 1/98
FIELD VERIFICATION BY ALS, INC DATE 9/98
DRAWINGS CORRECTED BY ALS, INC DATE 4/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
AGS MONUMENT "1-M10" LOCATED AT THE SOUTHEAST CORNER OF SAGE RD. & UNSER BLVD.
ELEV. = 5079.88

SURVEY INFORMATION
FIELD NOTES
1 ALS 1/96

ENGINEER'S SEAL
FRED C. ARFMAN
STATE OF NEW MEXICO
7322
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY

REVISIONS

		DATE
DESIGN		
DESIGNED BY	FCA	3/97
DRAWN BY	ANW	3/97
CHECKED BY	I&A	3/97

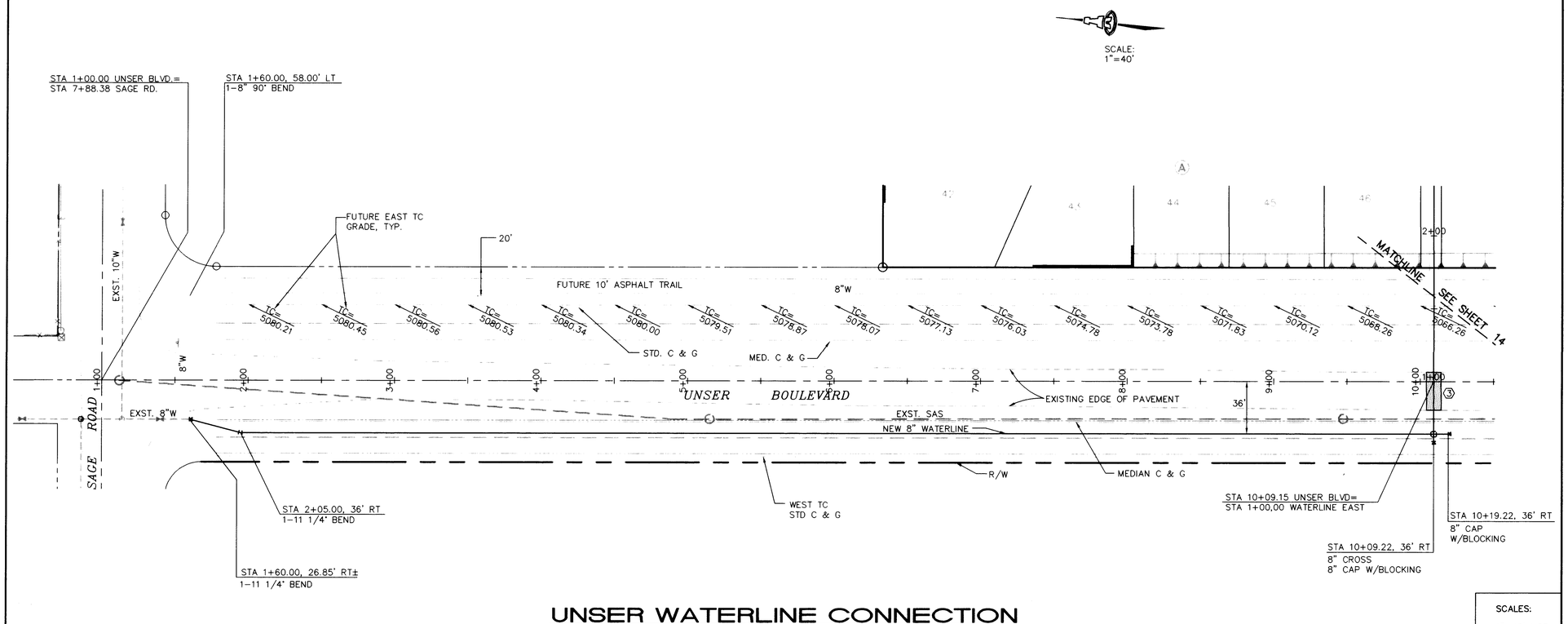
ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
917UTL3.DWGanw 05/06/97

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: ROLLING HILLS SUBDIVISION--UNIT 3
WINDSONG PL.
UTILITY PLAN & PROFILE

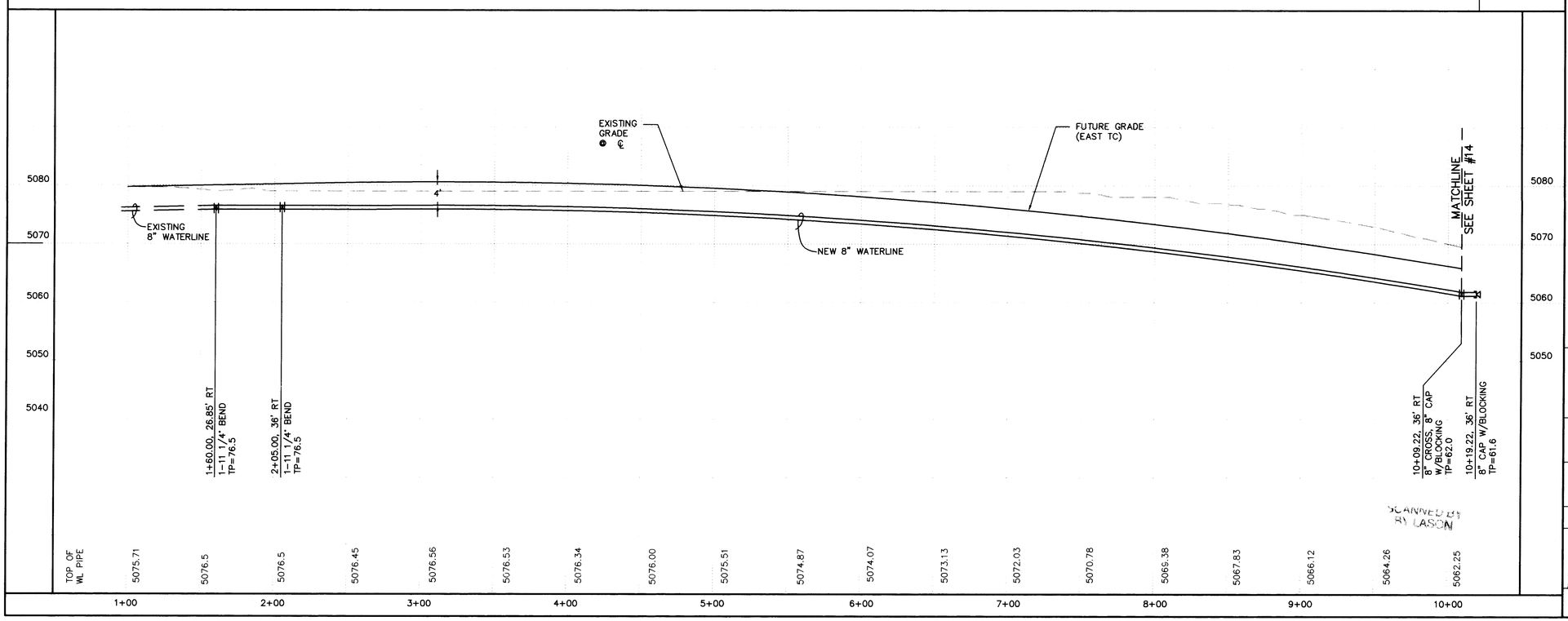
Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5379.92 | Zone Map No. M-10 | Sheet 12 Of 14



UNSER WATERLINE CONNECTION

SCALES:
1"=40' HOR.
1"=10' VERT.



SCANNED BY LASON

GENERAL NOTES

1. SEE SHEET #9 FOR WATER SHUT-OFF PLAN.
2. SEE SHEET #9 FOR RESTRAINED JOINT LENGTHS FOR WATER LINE FITTINGS.
3. REMOVE AND DISPOSE OF 29 SY PAVEMENT PER COA STD DWG #2465.

AS-BUILT INFORMATION
CONTRACTOR STAKED BY FRANKLINS DATE 97
INSPECTOR'S ACCEPTANCE BY ACS, INC. DATE 7/98
FIELD VERIFICATION BY ACS, INC DATE 98
DRAWINGS CORRECTED BY ACS, INC DATE 1/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS MONUMENT "1-M10" LOCATED AT THE SOUTHEAST CORNER OF SAGE RD. & UNSER BLVD.
ELEV. = 5079.88

SURVEY INFORMATION
FIELD NOTES
1 ALS 1/96

ENGINEER'S SEAL
FRED C. ARFMAN STATE OF NEW MEXICO 7322 REGISTERED PROFESSIONAL ENGINEER
5-5-97

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN		
DESIGNED BY	FCA	DATE 3/97
DRAWN BY	ANW	DATE 3/97
CHECKED BY	I&A	DATE 3/97

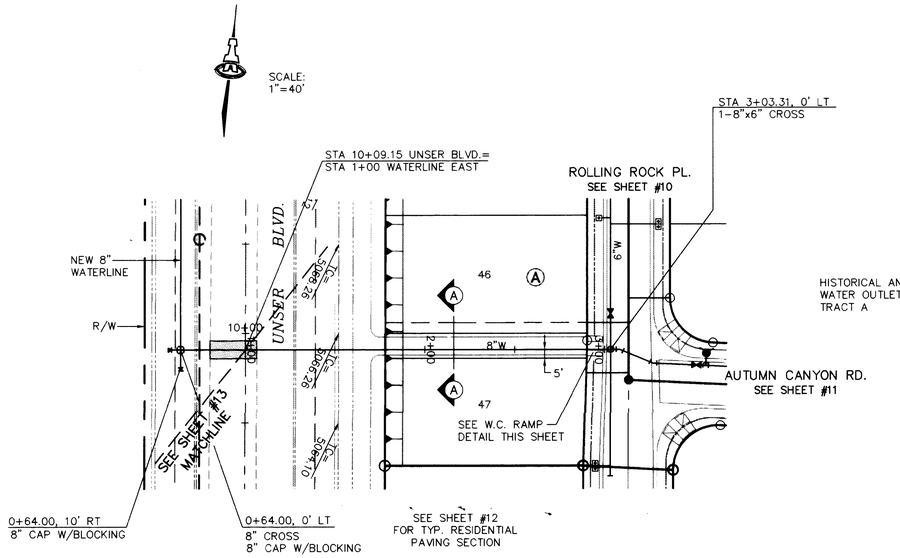
ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
917UTL4.DWGanw VIEW: 1 05/06/97

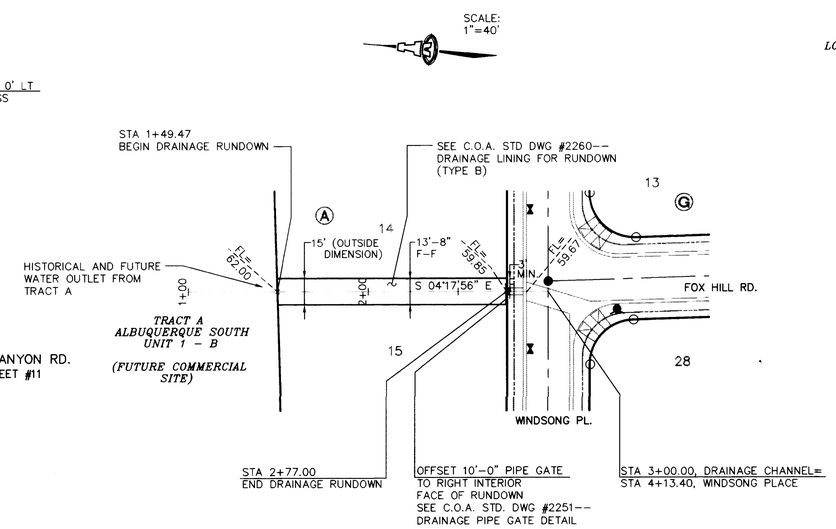
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

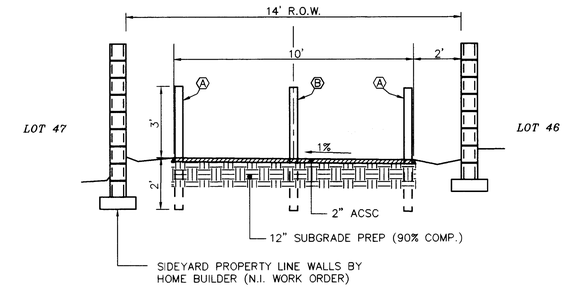
TITLE: ROLLING HILLS SUBDIVISION--UNIT 3
UNSER WATERLINE CONNECTION
UTILITY PLAN & PROFILE

Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5379.92 | Zone Map No. M-10 | Sheet 13 Of 14



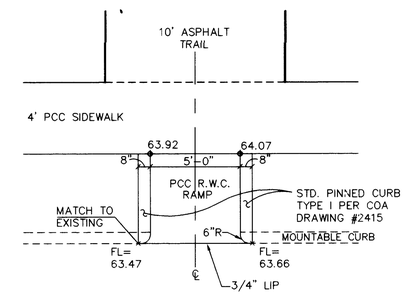




SECTION A-A
PEDESTRIAN TRAIL PAVING SECTION
1"=3'-0" (H. & V.)

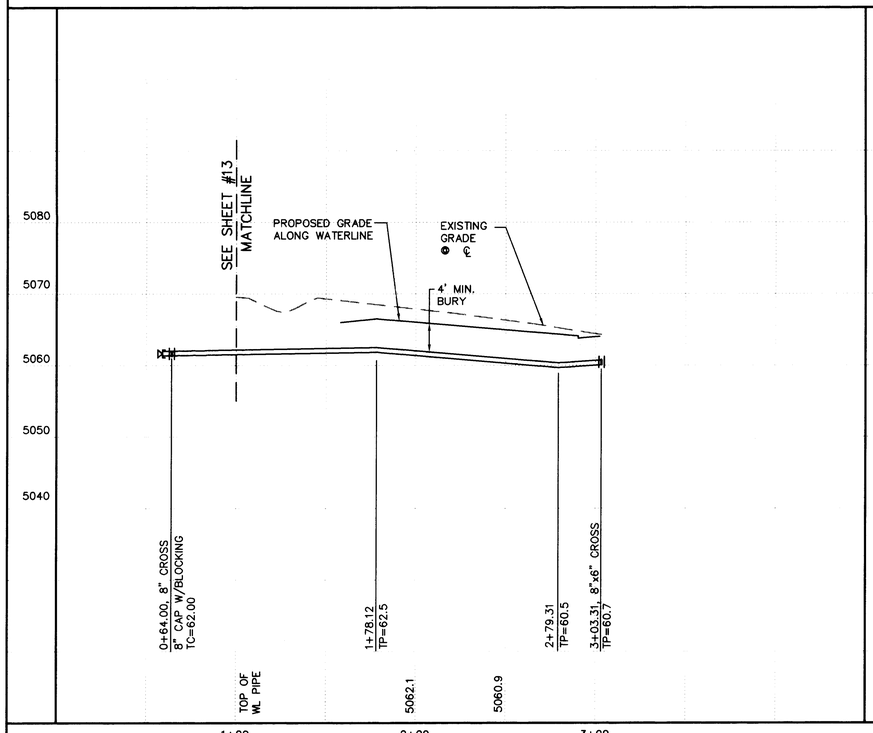
BOLLARD SCHEDULE

A. 4" STEEL PIPE BOLLARD, PCC FILLED
B. 4" STEEL PIPE BOLLARD, REMOVABLE PER C.O.A. DWG 2250.

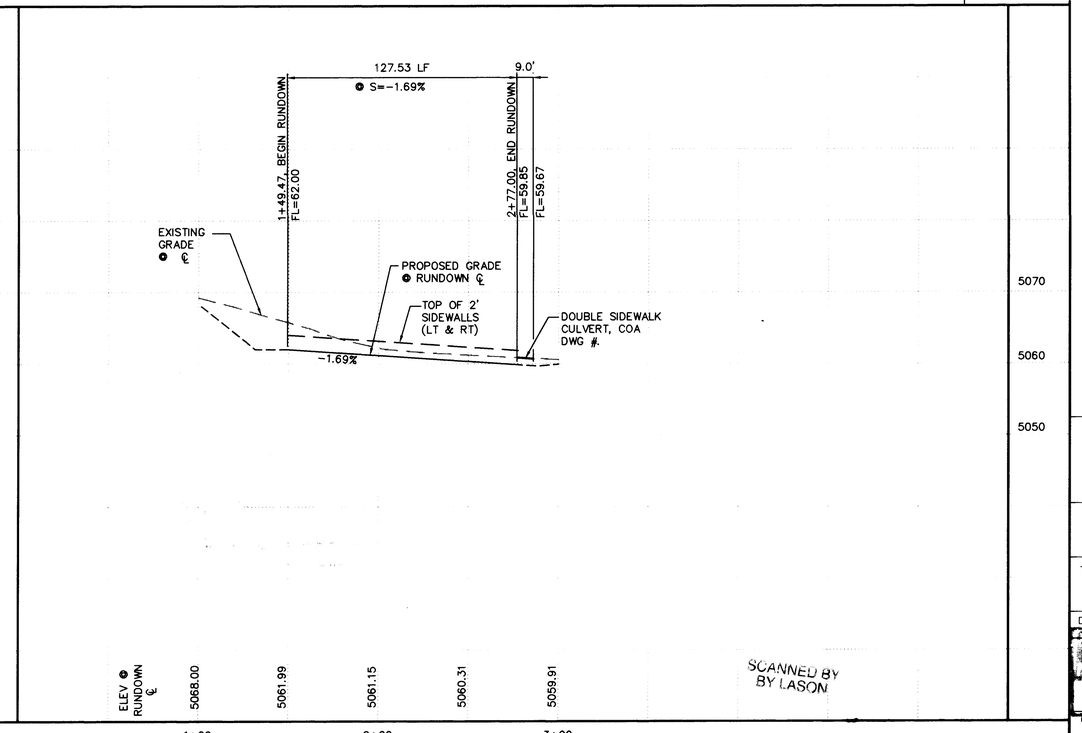


TRAIL R.W.C. RAMP
1"=4'

UNSER WATERLINE CONNECTION



DRAINAGE RUNDOWN



SCANNED BY BY LASON

GENERAL NOTES

1. SEE SHEET #9 FOR WATER SHUT-OFF PLAN.
2. SEE SHEET #9 FOR RESTRAINED JOINT LENGTHS FOR WATER LINE FITTINGS.

AS-BUILT INFORMATION
CONTRACTOR FRANKLINS
WORK STAKED BY ALS, INC. DATE 9/97
INSPECTOR'S ACCEPTANCE Lyle Kerr DATE 3/98
FIELD VERIFICATION BY ALS, INC DATE 9/97
DRAWINGS CORRECTED BY ALS, INC DATE 4/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS MONUMENT "1-M10" LOCATED AT THE SOUTHEAST CORNER OF SAGE RD. & UNSER BLVD.
ELEV. = 5079.88

SURVEY INFORMATION
FIELD NOTES
1 ALS 1/96

ENGINEER'S SEAL
FRED C. ARFMAN
STATE OF NEW MEXICO
7522
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY

REVISIONS

		DATE
DESIGNED BY	FCA	3/97
DRAWN BY	ANW	3/97
CHECKED BY	I&A	3/97

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
917UTL4.DWGanw VIEW: 2 05/19/97

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: ROLLING HILLS SUBDIVISION--UNIT 3
UNSER WATERLINE CONNECTION & DRAINAGE RUNDOWN

Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5379.92 | Zone Map No. M-10 | Sheet 14 Of 14