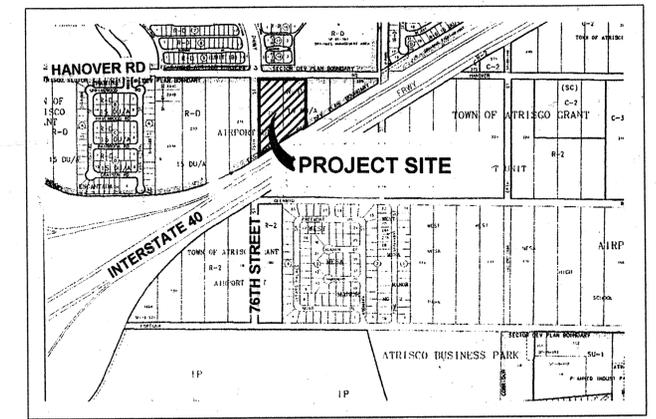


PUBLIC IMPROVEMENT PLANS FOR THE ROSEWOOD II SUBDIVISION TOWN OF ATRISCO GRANT, AIRPORT UNIT



VICINITY MAP
Scale : 1" = 750'
J-10

APRIL, 1997

PREPARED FOR:

ADIL RIZVI
7049 LUELLA ANNE DRIVE, NE
ALBUQUERQUE, NEW MEXICO 87109

PREPARED BY:

PROTEC CONSULTING
P.O. BOX 27007
ALBUQUERQUE, NEW MEXICO 87125

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 New Mexico One Call System, Inc @ 260-1900 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 the Barricade Engineer (768-2514) 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 the same location as existing or 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, s/w, pavement, w/c ramps etc. 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, and per city standards.
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. All existing signs, markers, delineators, etc. within the construction limits shall be removed, stored and re-set by the Contractor.
12. 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 or into any public drainage facility.
13. Proposed waterline materials shall be either PVC pipe meeting AWWA C900 requirements (6" - 12") or ductile iron pipe, thickness class 50 (6" - 16").
14. All sanitary sewer line stationing refers to sanitary sewer centerline stationing.
15. All fittings on waterlines shall have restrained joints as noted on the plans.
16. Contractor shall support all existing, underground utility lines which become exposed during construction. Payment for supporting work shall be incidental to waterline and/or sewerline costs.
17. 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.
18. 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.
19. 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.
20. 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.
21. 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 "New Mexico One Call System" procedures, or otherwise.
22. The 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 City Surveyor. When a change is made in the finished elevations 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. Refer to section 4.4 of the General Conditions of the Standard Specifications.
23. Any work occurring within an arterial roadway requires 24 hours construction.

INDEX TO DRAWINGS

SHEET NO.	TITLE
1	TITLE SHEET
2	SUBDIVISION PLAT
3	GRADING AND DRAINAGE PLAN
<u>PAVING DRAWINGS</u>	
4	MASTER PAVING PLAN
5	MESA WOOD PLACE, NW
6	BEAVER WOOD COURT, NW
<u>UTILITY DRAWINGS</u>	
7	MASTER UTILITY PLAN
8	MESA WOOD PLACE, NW
9	MESA WOOD PLACE and BEAVER WOOD COURT, NW

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, engineering, or intent of the record drawings.

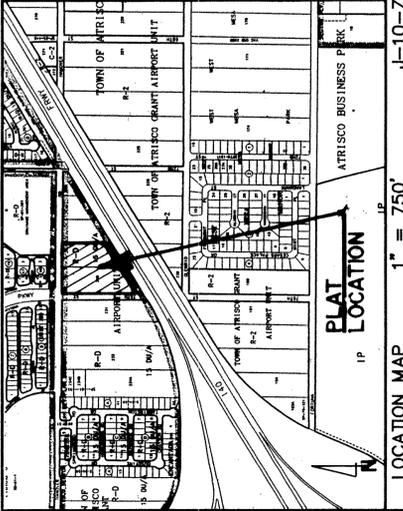
Timothy Aldrich 06-16-99
Timothy Aldrich, P.S. No. 7719 Date

APPROVAL OF AS-BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
John Chang
DATE 12-2-99



DRB CASE NO. 96-313

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
		APPROVALS		ENGINEER		DATE	
		ENGINEERS STAMP & SIGNATURE		APPROVED FOR CONSTRUCTION			
		DRC Chairman		<i>William G. ...</i>		5-22-97	
		Transportation		<i>...</i>		5-16-97	
		Water/Wastewater		<i>R.W. Kane</i>		4-18-97	
		Hydrology		<i>...</i>		4-25-97	
		Parks		<i>...</i>			
		Constr. Mngmt.		<i>...</i>		2-25-99	
		Const. Coord.		<i>...</i>			
		City Project No.		550282		Sheet 1 of 9	



DESCRIPTION

A tract of land situated within the Town of Atrisco Grant, projected Section 15, Township 10 North, Range 2 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, being a portion of TRACTS 229 and 230 TOWN OF ATRISCO GRANT, AIRPORT UNIT, 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 December 5, 1944 in Volume D, Folio 118 together with a portion of VACATED HANOVER right-of-way (V-97-16) and being more particularly described as follows:

BEGINNING at the northeast corner of the herein described tract, said point being on the south right-of-way line of Hanover Road N.W. from whence the Albuquerque Control Survey Monument "6-10" bears N 89°10'00" E, 1069.21 feet;

THENCE leaving said south right-of-way line S 00°35'24" W, 336.33 feet along a line common with the west line of TRACT 228, TOWN OF ATRISCO GRANT, AIRPORT UNIT, 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 December 5, 1944 in Volume D, Folio 118 to the southeast corner, said point being common with the northeast corner of an AMAFCA PARCEL as described in WARRANTY DEED filed for record in the office of the County Clerk of Bernalillo County, New Mexico on February 3, 1997 in Bk. 97-3, Pg. 7655;

THENCE S 88°49'04" W, 494.23 feet along a line common with the northerly line of said AMAFCA PARCEL and an AMAFCA PARCEL as described in WARRANTY DEED filed in the office of the County Clerk of Bernalillo County, New Mexico on February 3, 1997 in Bk. 97-3, Pg. 7656 to the southwest corner, said point being common with the northwest corner of said AMAFCA PARCEL and further being on the east right-of-way line of 76th Street N.W.;

THENCE N 00°35'24" E, 698.49 feet along said east right-of-way line to the northwest corner, said point being on said south right-of-way line of Hanover Road N.W.;

THENCE along said south right-of-way line S 89°25'13" E, 420.17 feet to the point of beginning and containing 4.5182 acres more or less.

LOCATION MAP 1" = 750'

PURPOSE OF PLAT

- To grant public pedestrian right-of-way & public drainage right-of-way as shown hereon.
- To grant public utility easement as shown hereon.
- To grant public landscape easements as shown hereon.
- To create 26 lots as shown hereon.
- To dedicate street right-of-way as shown hereon.
- To locate street right-of-way as shown hereon (V-97-16).
- To affluence tract line as shown hereon.

SUBDIVISION DATA

- DRB Case No.: 96-313
- Zone Atlas Index No.: J-10-Z
- Total Number of Existing Lots: 0
- Total Number of Existing Tracts: 2
- Total Number of Lots created: 26
- Total Number of Tracts created: 0
- Gross Subdivision Acreage: 4.5182
- Total Mileage of Full Width Streets Created: 0.1502
- Total Mileage of Half Width Streets Created: 0

NOTES

- Bearings are New Mexico State Plane Grid Bearings (Central Zone).
- Distances are ground distances.
- Bearings and distances in parentheses are record.
- Books of boundaries are the following plats (and documents) of record entitled:
 - "TOWN OF ATRISCO GRANT, AIRPORT UNIT", (12-05-44, D-118)
 - "WARRANTY DEED, AMAFCA PARCEL", (02-03-97, BK.97-3, PG. 7655)
 - "WARRANTY DEED, AMAFCA PARCEL", (02-03-97, BK.97-3, PG. 7656)
- Field Survey performed March, 1997.
- URIBY Council Location System Log No.:97033108080122
- Title Report: Rio Grande Title Company
- Commitment No.: 07-963785-1 OP 32, 0022 108 1409
- This property is apparently affected by reservations, restrictions or covenants (to line of 5' N) measurements to be included at all corners hereon, and will consist of a four inch (4") aluminum alloy cap stamped "City of Albuquerque", "Centennial Monument", "Do Not Disturb", "PLS # 7719".
- City of Albuquerque water and sanitary sewer service to ROSEWOOD II SUBDIVISION must be verified and coordinated with the Public Works Department, City of Albuquerque.
- 2400 Sq. Ft. of open usable space shall be provided on each lot.
- All lot corners shall be set 5/8" rebar with cap marked "ALS LS 7719".

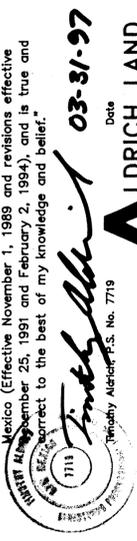
PLAT FOR ROSEWOOD II SUBDIVISION WITHIN THE TOWN OF ATRISCO GRANT PROJECTED SECTION 15 TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO APRIL, 1997

APPROVED AND ACCEPTED BY:

Subdivision Case No. 96-313	Date
Planning Director, City of Albuquerque, N.M.	Date
City Engineering Div., City of Albuquerque, N.M.	Date
Albuquerque Metropolitan Arroyo Flood Control Authority	Date
Traffic Div., City of Albuquerque, N.M.	Date
Water Utilities Dept., City of Albuquerque, N.M.	Date
Design and Development, CIP, City of Albuquerque, N.M.	Date
City Surveyor, City of Albuquerque, N.M.	Date
Property Management, City of Albuquerque, N.M.	Date
County Treasurer, Bernalillo County, N.M.	Date
PNM Gas Services Division	Date
PNM Electric Services Division	Date
U.S. West Telecommunications	Date
Jones Int'l Cable, Inc.	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 November 25, 1991 and February 2, 1994), and is true and correct to the best of my knowledge and belief."



ALDRICH LAND SURVEYING
P.O. BOX 30701, ALBO., N.M. 87190
505-884-1990

Drawn By: RJA	Date: 03-28-97
Checked By: TA	Drawing Name: 97012PL.DWG
Job No.: 97-012	Sheet: 1 of 2

DESCRIPTION

A tract of land situated within the Town of Atrisco Grant, projected Section 15, Township 10 North, Range 2 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, being a portion of TRACTS 229 and 230 TOWN OF ATRISCO GRANT, AIRPORT UNIT, 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 December 5, 1944 in Volume D, Folio 118 together with a portion of VACATED HANOVER right-of-way (V-97-16) and being more particularly described as follows:

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THENCE leaving said south right-of-way line S 00°35'24" W, 336.33 feet along a line common with the west line of TRACT 228, TOWN OF ATRISCO GRANT, AIRPORT UNIT, 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 December 5, 1944 in Volume D, Folio 118 to the southeast corner, said point being common with the northeast corner of an AMAFCA PARCEL as described in WARRANTY DEED filed for record in the office of the County Clerk of Bernalillo County, New Mexico on February 3, 1997 in Bk. 97-3, Pg. 7655;

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THENCE along said south right-of-way line S 89°25'13" E, 420.17 feet to the point of beginning and containing 4.5182 acres more or less.

PUBLIC UTILITY EASEMENTS

Public Utility Easements shown on this plat are granted for the common and joint use of:

- PNM Electric Services Division for the installation, maintenance, and repair of overhead and underground electrical lines, transformers, poles and any other equipment, structures and related facilities reasonably necessary to provide electric service.
- PNM Gas Services Division for installation, maintenance, and repair of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas service.
- U.S. West for installation, maintenance and service of all buried and aerial communication lines and other related equipment and facilities reasonably necessary to provide communication services, including but not limited to above ground pedestals and enclosures.
- Jones International for the installation, maintenance, and service of such lines, cables, and other related equipment and facilities; reasonably necessary to provide Cable TV services.

US WEST COMMUNICATION QUITCLAIM

KNOW ALL MEN BY THESE PRESENTS, that US WEST COMMUNICATIONS, INC., a Colorado Corporation, hereinafter called "Company" for and in behalf of itself and its successors and assigns, do hereby release, warrant, defend and indemnify the Company or its successors under that certain right of way grant, recorded in the office of Bernalillo County Clerk and recorded in Book 112, page 290 on May 17, 1930, AND a modification of this instrument in Book 112, page 635, filed for record January 31, 1973, AND Assignment of this instrument in Book 112, page 926, filed for record December 16, 1977 unto the present owner of same, as their representative interest may appear therein, in the following described property to wit:

A tract of land situated in the Town of Atrisco Grant, Projected Section 15, Township 10 North, Range 2 East, NMPM, City of Albuquerque, Bernalillo County, New Mexico.

It is the intent of this Quitclaim Deed to vacate any portion of the above stated documents which may be located in the remaining portion of TRACTS 229 & 230, Town of Atrisco Grant, Airport Unit, as recorded in Volume D, Folio 118 and recorded December 25, 1944, and hereby expressly excepting and reserving to the Company, any and all interest otherwise acquired in said property, except as above stated.

IN WITNESS WHEREOF, The Company has caused these presents to be executed by its duly authorized officer _____ 1997.

BY: _____
Manager - Network and Technology Services

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO)
This instrument was acknowledged before me on _____ 1997, by _____ as the Manager/Network and Technology Services of US WEST COMMUNICATIONS, INC., a Colorado Corporation, on behalf of the corporation.

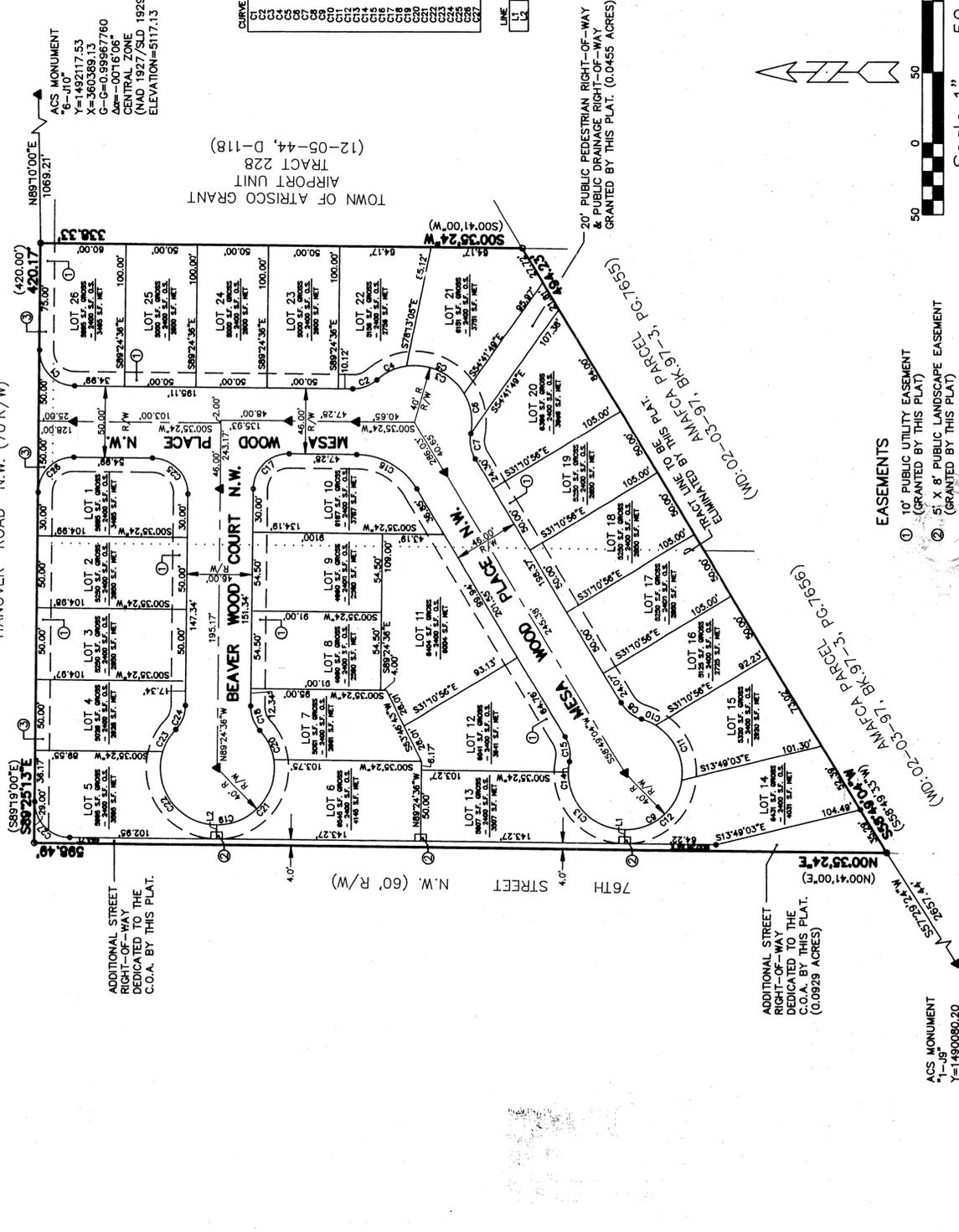
My Commission Expires _____
Notary Public

FREE CONSENT AND DEDICATION

The subdivision herein described is with the free consent and in accordance with the desires of the undersigned owner(s) and/or proprietor(s) hereof and said owners and/or proprietor(s) do hereby consent to the granting of public utility and public landscape easements, and the dedication of street right-of-way, public pedestrian right-of-way and public drainage right-of-way to the City of Albuquerque, New Mexico, and the City of Albuquerque and its successors and assigns, and do hereby certify that this subdivision is their free act and deed.

Owner: My Investments, L.L.C. a New Mexico limited liability company
TED MARTINEZ, ITS MEMBER
DATE 4/13/97
ANDREA E. MARTINEZ, ITS MEMBER
DATE 4/13/97
STATE OF NEW MEXICO)
BERNALILLO COUNTY)
This instrument was acknowledged before me on _____ 1997, by Ted R. Martinez and My Investments, L.L.C., a New Mexico limited liability company, on behalf of this limited liability company.
Notary Public

PLAT FOR ROSEWOOD II SUBDIVISION WITHIN THE TOWN OF ATRISCO GRANT PROJECTED SECTION 15 TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO APRIL, 1997



CURVE DATA

CURVE	LENGTH	DELTA	RADIUS	TANGENT	CHORD	DIRECTION
C1	18.50	4.23	22.00	9.70	13.00	S20°28'35"E
C2	18.50	4.23	22.00	9.70	13.00	S29°42'14"W
C3	47.59	10.70	44.00	21.00	28.87	S25°36'20"W
C4	27.59	6.17	28.00	13.00	18.00	S80°27'15"W
C5	18.50	4.23	22.00	9.70	13.00	S37°37'05"W
C6	11.50	2.54	14.00	7.00	10.00	S24°19'56"W
C7	11.50	2.54	14.00	7.00	10.00	S84°45'40"W
C8	42.83	9.70	44.00	21.00	43.00	S84°45'40"W
C9	62.83	14.17	66.00	32.00	64.00	S84°45'40"W
C10	42.83	9.70	44.00	21.00	43.00	S84°45'40"W
C11	62.83	14.17	66.00	32.00	64.00	S84°45'40"W
C12	42.83	9.70	44.00	21.00	43.00	S84°45'40"W
C13	42.83	9.70	44.00	21.00	43.00	S84°45'40"W
C14	50.81	11.50	54.00	27.00	52.00	S84°45'40"W
C15	50.81	11.50	54.00	27.00	52.00	S84°45'40"W
C16	18.50	4.23	22.00	9.70	13.00	S84°45'40"W
C17	18.50	4.23	22.00	9.70	13.00	S84°45'40"W
C18	18.50	4.23	22.00	9.70	13.00	S84°45'40"W
C19	18.50	4.23	22.00	9.70	13.00	S84°45'40"W
C20	18.50	4.23	22.00	9.70	13.00	S84°45'40"W
C21	18.50	4.23	22.00	9.70	13.00	S84°45'40"W
C22	74.15	16.17	74.00	37.00	74.00	S84°45'40"W
C23	18.50	4.23	22.00	9.70	13.00	S84°45'40"W
C24	39.27	8.70	40.00	20.00	39.27	S84°45'40"W
C25	39.27	8.70	40.00	20.00	39.27	S84°45'40"W
C26	39.27	8.70	40.00	20.00	39.27	S84°45'40"W
C27	39.27	8.70	40.00	20.00	39.27	S84°45'40"W

LINE	DIRECTION	DISTANCE
L1	N89°24'36"W	10.00'
L2	N89°24'36"W	10.00'

ALL PUBLIC STREET RIGHT-OF-WAY DEDICATED TO THE CITY OF ALBUQUERQUE BY THIS PLAT.



Drawn By: RJA	Date: 03-28-97
Checked By: TA	Drawing Name: 97012PL.DWG
Job No.: 97-012	Sheet: 2 of 2

Scale 1" = 50 ft

EASEMENTS

- 10' PUBLIC UTILITY EASEMENT (GRANTED BY THIS PLAT)
- 51' X 8' PUBLIC LANDSCAPE EASEMENT (GRANTED BY THIS PLAT)
- 10' STREET RIGHT-OF-WAY VACATED BY (V-97-16)

ACS MONUMENT
1-JB
Y=1490880.20
X=3586535.93
G=9076327.495
CENTRAL ZONE
(NAD 1927/SLD 1929)
ELEVATION=5199.19

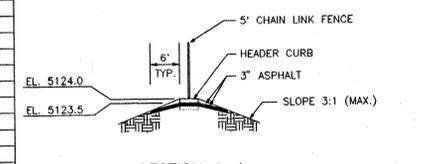
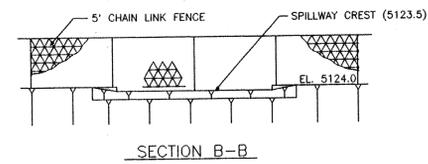
ALDRICH LAND SURVEYING
P.O. BOX 30701, ALBO., N.M. 87190
505-884-1990

LAURELWOOD PARKWAY N.W.

DA-1
(0.3061 AC.)

DA-2
(4.2578 AC.)

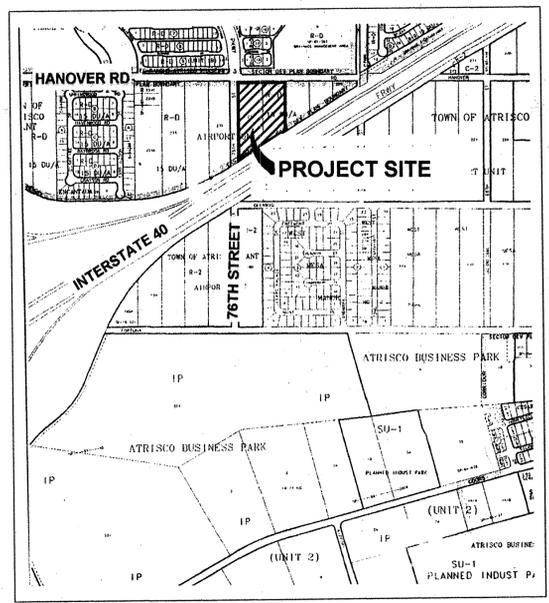
- NOTES
- THERE IS A WATER BLOCK ON MESAWOOD PLACE APPROXIMATELY 80' SOUTH OF HANOVER ROAD TO PREVENT STREET FLOW IN HANOVER ROAD FROM ENTERING MESAWOOD PLACE.
 - C & G WITHIN THE "NO CROWN" AREA OF THE KNUCKLE ON MESA WOOD PLACE WILL BE STANDARD ALL OTHER C & G WILL BE MOUNTABLE. SPOT ELEVATIONS SHOWN AT CURB FACE ARE TOP OF CURB. SUBTRACT 0.33' TO DETERMINE FLOWLINE ELEVATION FOR MOUNTABLE CURB AND SUBTRACT 0.67' TO DETERMINE FLOWLINE ELEVATION FOR STANDARD CURB.



LAND TREATMENT (AREA S.F.)	B	C	D	COMMENTS
REAR YARD	1,540	250	250	
SIDE YARDS				
HOUSE/GARAGE	462	462	2,250	
DRIVEP & WALK			450	
FRONT YARD			320	
SOVK & DRPD			148	
COMP. R/W			770	
PAVING/C&G	2,252	860	3,790	
TOTAL AREA (S.F.)	32.6	12.5	54.9	
TOTAL AREA (AC)				

NOTE: TYPICAL HOUSE PAD IS 40'x50'. SOME ARE SLIGHTLY SMALLER DUE TO LOT CONSTRAINTS.

LAND TREATMENTS and TYPICAL LOT GRADING PLAN N.T.S.



VICINITY MAP
Approximate Scale: 1"=750'

LEGEND

- EXISTING CONTOURS
- PROPOSED SPOT ELEVATIONS • 45.7
- TOP OF RETAINING WALL ELEVATION TRW 46.5
- EXISTING SPOT ELEVATIONS x 50.1
- FLOW LINE ELEVATIONS FL
- PAD GRADE P.G.
- FLOW DIRECTION
- RETAINING WALL
- CHAIN LINE FENCE x-x-x
- DRAINAGE BASIN BOUNDARY
- WATER BLOCK
- SINGLE "A & C" INLET w/DESIGNATOR
- SINGLE "A" INLET w/DESIGNATOR
- STORM DRAIN MH

FLOOD HAZARD

THE PROPOSED SITE IS LOCATED WITHIN FLOOD HAZARD ZONE C (AREAS OF MINIMAL FLOODING) AS DESIGNATED ON PANEL NO. 350002-0027 OF THE OCTOBER 14, 1983 EDITION OF THE F.E.M.A. MAPS.

LOCATION AND DESCRIPTION

THE 4.4035 ACRE SITE IS UNDEVELOPED AND UNDISTURBED LAND WITH TYPICAL WEST SIDE GROUND COVER OF SAGE AND NATIVE GRASSES. HANOVER ROAD N.W. BORDERING ON THE NORTH IS FULLY DEVELOPED WHILE THE WEST BLUFF DIVERSION CHANNEL TO THE SOUTH IS UNDEVELOPED. THE ADJACENT TRACT TO THE EAST IS UNDEVELOPED. THE 76TH STREET R/W TO THE WEST IS UNDEVELOPED.

EXISTING CONDITIONS

THE SITE CONSISTS OF A SINGLE DRAINAGE BASIN WITH NATURAL RUNOFF DRAINING FROM NORTHWEST TO SOUTHWEST OVER A 2% GRADE. HANOVER ROAD INTERCEPTS OFFSITE FLOWS ORIGINATING FROM THE NORTH AND NORTHWEST. THESE FLOWS ARE CONVEYED TO THE EAST AS STREET FLOW TO THE LAURELWOOD PARK DRAINAGE MANAGEMENT AREA LOCATED AT THE NORTHWEST QUADRANT OF HANOVER ROAD AND 72ND STREET.

RUNOFF ORIGINATING ON SITE IS CONVEYED AS OVERLAND FLOW INTO THE I-40 RIGHT OF WAY WHERE A PORTION OF THE RUNOFF IS COLLECTED AND DRAINED UNDER THE INTERSTATE TO THE SOUTH THROUGH A 24-INCH CMP CULVERT. THE REMAINDER CONTINUES EASTWARD APPROXIMATELY 1900' ALONG THE NORTH EDGE OF THE INTERSTATE TO AN EXISTING DOUBLE 5'x3' CBC WHICH DRAINS SOUTHWARD UNDER I-40.

PROPOSED IMPROVEMENTS

THE 26 LOT SUBDIVISION SHALL BE DESIGNED FOR STORM WATER RUNOFF TO DRAIN FROM EACH LOT ONTO THE PUBLIC STREETS. LOT 26 WILL DRAIN NORTH ONTO HANOVER ROAD AND THEN EASTWARD TO THE LAURELWOOD PARKWAY DRAINAGE MANAGEMENT AREA. ALL OTHER LOTS WILL DRAIN ONTO THE STREETS PROPOSED FOR DEVELOPMENT WITH THIS SUBDIVISION. STREET RUNOFF WILL BE CONVEYED TO A KNUCKLE IN MESAWOOD PLACE THEN TO A 20' WIDE CONCRETE LINED DRAINAGE EASEMENT. UNTIL THE WEST BLUFF DIVERSION CHANNEL IS BUILT, A TEMPORARY 0.517 ACRE-FT. RETENTION BASIN WILL BE CONSTRUCTED IN THE AMAFCA R/W TO COLLECT RUNOFF FROM THE DRAINAGE EASEMENT. THE RETENTION BASIN WILL BE EQUIPPED WITH 20' LONG EMERGENCY SPILLWAY, CHAIN LINK FENCING, AND RIPRAP EROSION PROTECTION AT THE DRAINAGE EASEMENT INLET. ULTIMATELY, THE 20' WIDE CONCRETE LINED DRAINAGE EASEMENT AND PEDESTRIAN ACCESS WILL BE CONSTRUCTED TO THE NORTH EDGE OF THE WEST BLUFF DIVERSION CHANNEL AND THE TEMPORARY RETENTION POND WILL BE REMOVED. THE WEST BLUFF DIVERSION CHANNEL IS PROGRAMMED FOR CONSTRUCTION IN 1997 OR 1998.

LEGAL DESCRIPTION

A CERTAIN TRACT OF LAND BEING AND COMPRISING PORTIONS OF TRACTS 229 AND 230, AIRPORT UNIT, TOWN OF ATRISCO GRANT, AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT THEREOF, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON DECEMBER 5, 1944, IN VOLUME D, FOLIO 118.

ENGINEER

PROTEC CONSULTING
P.O. BOX 27007
ALBUQUERQUE, NEW MEXICO 87125

SURVEYOR

SOUTHWEST SURVEYING CO., INC.
333 LOMAS BOULEVARD, N.E.
ALBUQUERQUE, NEW MEXICO 87102

BENCHMARK

ASC MONUMENT "8-J10" LOCATED NORTH OF I-40 RIGHT-OF-WAY AT 76TH STREET, N.W.
ELEVATION: 5130.013

TBM

NAIL IN POWER POLE AT SE CORNER OF HANOVER ROAD AND 76TH STREET
ELEVATION: 5135.31

ZONING

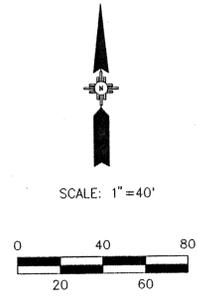
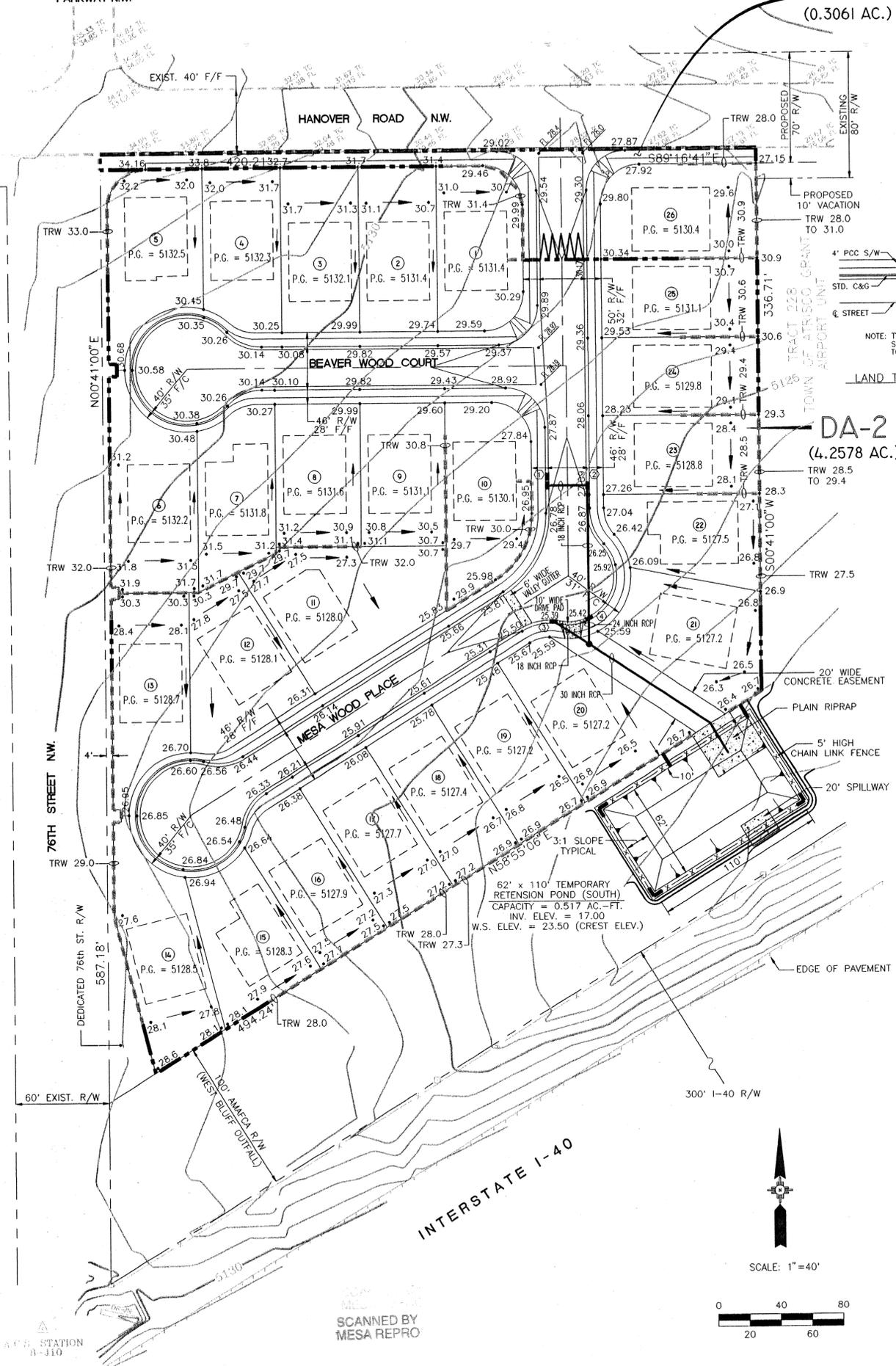
R-D (15 DU/AC MAX.)

PROPOSED

26 SINGLE FAMILY RESIDENTIAL LOTS.

AREA

5.54 ACRES FROM TRACTS 229 & 230
+ 0.0964 ACRES FROM HANOVER RD. (BY VACATION)
+ 0.1566 ACRES AT THE TEMPORARY RETENTION POND
- 1.1346 ACRES TO BE ACQUIRED BY AMAFCA
- 0.0945 ACRES TO BE DEDICATED FOR 76TH ST. R/W
4.5639 ACRES : DA-1 + DA-2



AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION	
CONTRACTOR	DATE	ASC MONUMENT "8-J10"	LOCATED NORTH OF I-40	FIELD NOTES	DATE
WORK	DATE	RIGHT-OF-WAY AT 76TH STREET, N.W.	ELEVATION 5130.013	NO.	BY
DESIGNED BY	DATE				
DRAWN BY	DATE				
CHECKED BY	DATE				
RECORDED BY	DATE				



NO.	DATE	REMARKS	BY
		DESIGN	
		REVISIONS	

John Kelly 4-11-97
AMAFCA APPROVAL DATE

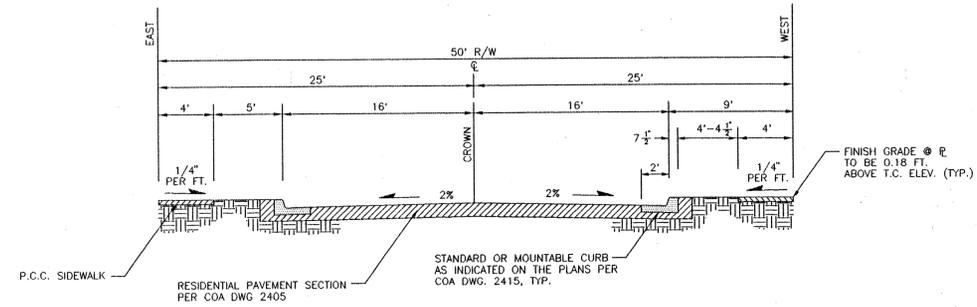
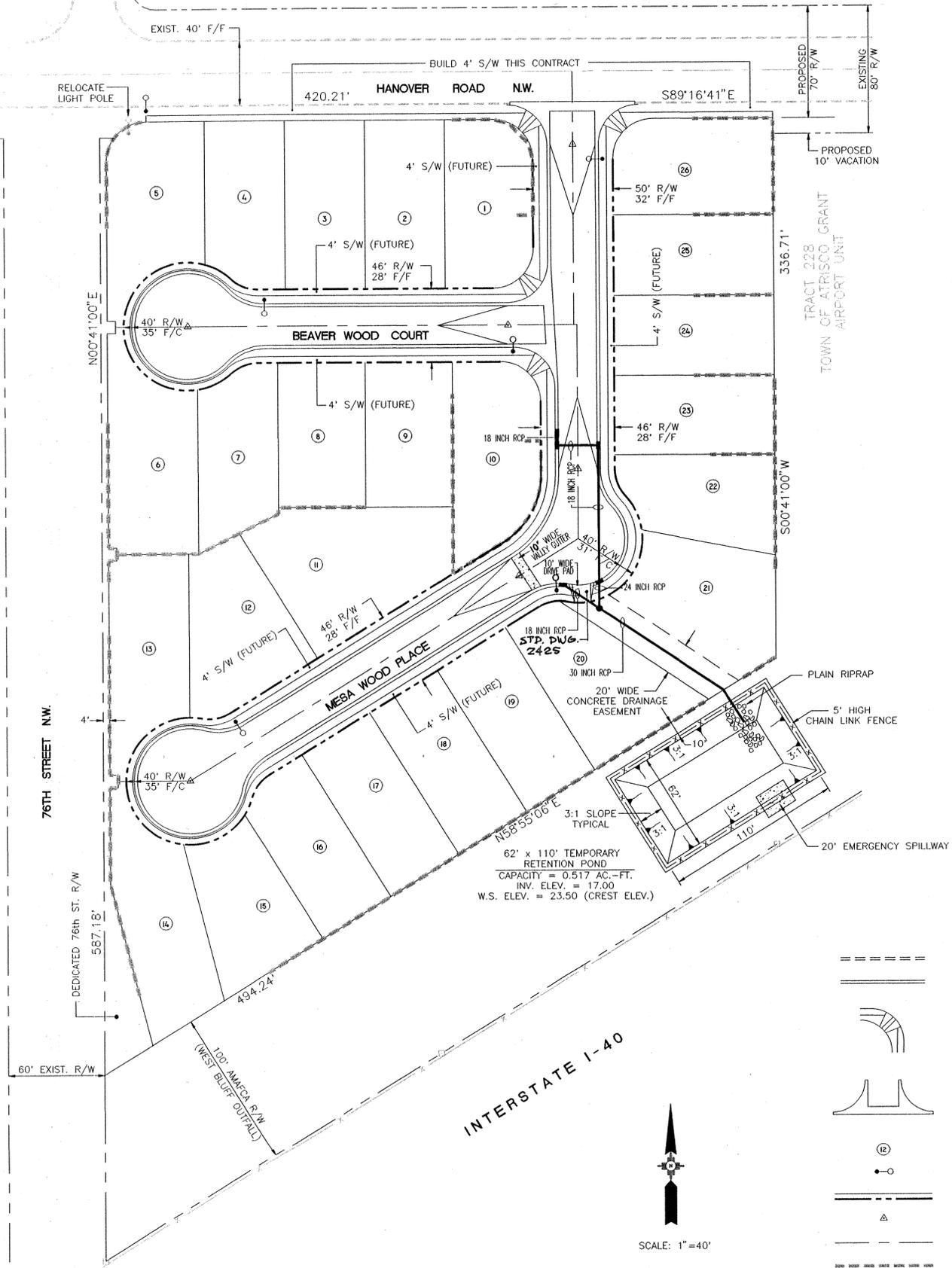
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: ROSEWOOD II SUBDIVISION
GRADING AND DRAINAGE PLAN

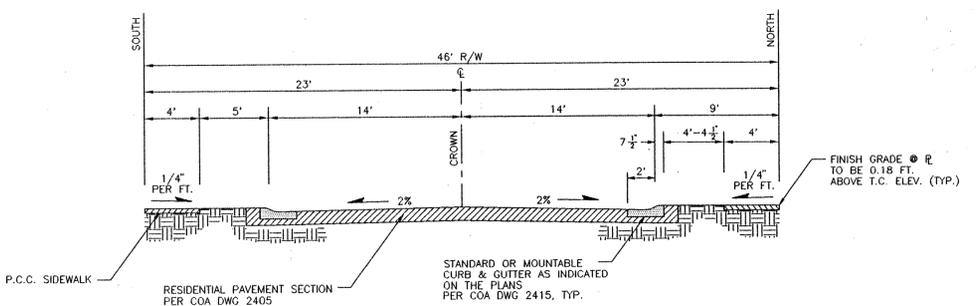
City Engineer Approval

City Project No. 550282 Zone Map No. J-10 Sheet 3 of 9

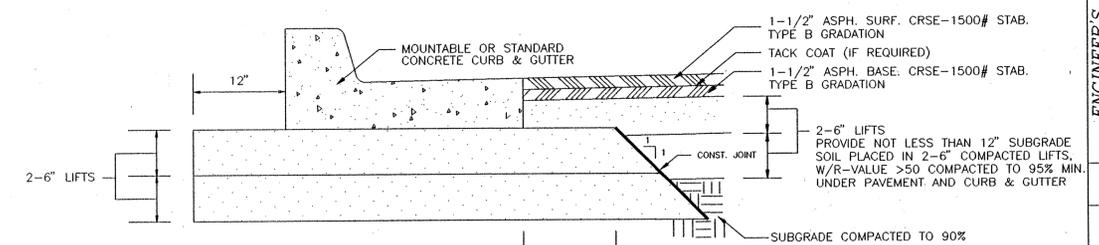
LAURELWOOD PARKWAY N.W.



TYPICAL 50' R.O.W. RESIDENTIAL STREET SECTION - MESA WOOD PLACE, NW N.T.S.



TYPICAL 46' R.O.W. RESIDENTIAL STREET SECTION - BEAVER WOOD COURT, NW & MESA WOOD PLACE, NW N.T.S.



NOTE: SUBGRADE SOILS w/R<50 SHALL BE REPLACED AT CONTRACTORS EXPENSE

RESIDENTIAL PAVING SECTION N.T.S.

- LEGEND
EXISTING CURB & GUTTER OR SIDEWALK
PROPOSED CURB & GUTTER
WHEEL CHAIR RAMP & ADJACENT SIDEWALK
VALLEY GUTTER
LOT NUMBER
PROPOSED STREET LIGHT
SIDEWALK BY OTHERS
STREET MONUMENT
STREET
RETAINING WALL
STORM INLET
STORM MANHOLE



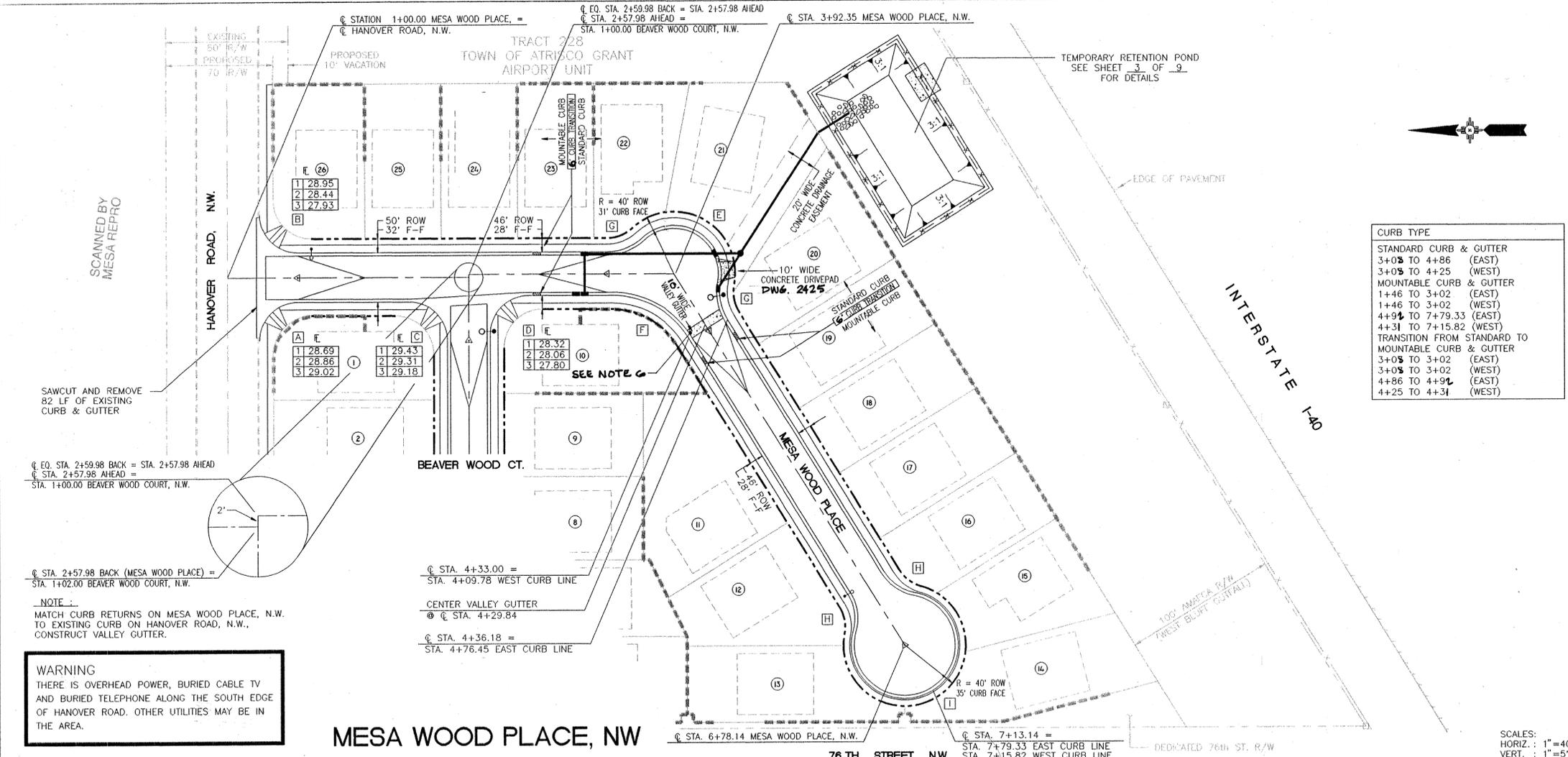
SCANNED BY MESA REPRO

A.C.S. STATION 8-110

Table with columns: AS BUILT INFORMATION, BENCH MARKS, SURVEY INFORMATION, ENGINEER'S SEAL, REVISIONS, DESIGN, REMARKS, DATE, BY.

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP. TITLE: ROSEWOOD II SUBDIVISION MASTER PAVING PLAN. Includes approval stamps and project details.

NOTE: SIDEWALK CONSTRUCTION IS NOT PART OF THIS CONTRACT EXCEPT ON THE SOUTH SIDE OF HANOVER ROAD, NW, AND AT WHEELCHAIR RAMPS.



CURB TYPE

STANDARD CURB & GUTTER
3+05 TO 4+86 (EAST)
3+05 TO 4+25 (WEST)
MOUNTABLE CURB & GUTTER
1+46 TO 3+02 (EAST)
1+46 TO 3+02 (WEST)
4+94 TO 7+79.33 (EAST)
4+31 TO 7+15.82 (WEST)
TRANSITION FROM STANDARD TO MOUNTABLE CURB & GUTTER
3+05 TO 3+02 (EAST)
3+05 TO 3+02 (WEST)
4+86 TO 4+94 (EAST)
4+25 TO 4+31 (WEST)

- GENERAL NOTES:**
- CONSTRUCT WHEELCHAIR RAMPS PER COA STD. DWG #2441, CASE II
 - CONSTRUCT STANDARD OR MOUNTABLE CURB & GUTTER AS INDICATED PER COA STD. DWG #2415.
 - CONSTRUCT PCC VALLEY GUTTER 6' WIDE, 3/4" INVERT PER COA STD. DWG #2420.
 - 50' MINIMUM TRANSITION LENGTH FROM CROWN TO NO-CROWN.
 - ALL C&G PROFILE STATIONING AND GRADES ARE TAKEN ALONG FACE OF CURB.
 - 10' WIDE VALLEY GUTTER SIMILAR TO SECTION A-A, STD. DWG 2421-2422 W/ 3/4" INVERT

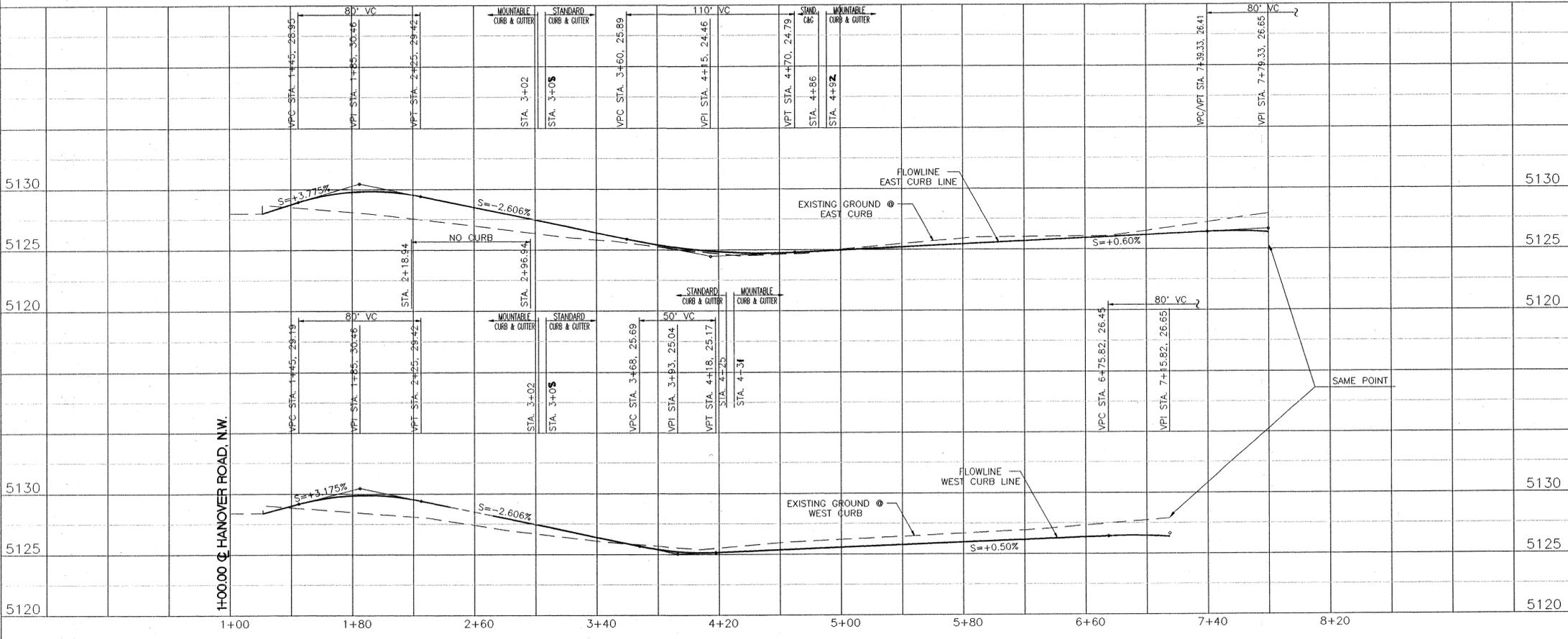
FACE OF CURB CURVE TABLE

CURVE	DELTA	RADIUS	LENGTH
A	89°57'41"	25.00'	39.25'
B	90°02'19"	25.00'	39.29'
C	90°02'59"	25.00'	39.29'
D	89°57'01"	25.00'	39.25'
E	143°02'16"	31.00'	77.39'
F	58°14'20"	59.00'	59.97'
G	42°23'58"	34.00'	25.16'
H	47°23'47"	30.00'	24.82'
I	274°47'34"	35.00'	167.86'

WARNING
THERE IS OVERHEAD POWER, BURIED CABLE TV AND BURIED TELEPHONE ALONG THE SOUTH EDGE OF HANOVER ROAD. OTHER UTILITIES MAY BE IN THE AREA.

MESA WOOD PLACE, NW

SCALES:
HORIZ. : 1"=40'
VERT. : 1"=5'



- LEGEND**
- EXISTING CURB & GUTTER OR SIDEWALK
 - PROPOSED CURB & GUTTER
 - WHEEL CHAIR RAMP & ADJACENT SIDEWALK
 - VALLEY GUTTER
 - LOT NUMBER
 - PROPOSED STREET LIGHT
 - SIDEWALK BY OTHERS
 - STREET @ MONUMENT
 - STREET
 - RETAINING WALL
 - STORM INLET
 - STORM MANHOLE

AS BUILT INFORMATION

CONTRACTOR: *Dot Matrix*
 WORKS BY: *Dot Matrix*
 INSPECTOR'S: *Dot Matrix*
 ACCEPTANCE BY: *Dot Matrix*
 VERIFICATION BY: *Dot Matrix*
 DRAWN BY: *Dot Matrix*
 MICRO-FILM INFORMATION: *Dot Matrix*

ENGINEER'S SEAL

REGISTERED PROFESSIONAL ENGINEER
 ALBUQUERQUE, NEW MEXICO
 No. 6614
 2-11-97

REVISIONS

NO.	DATE	REMARKS	BY

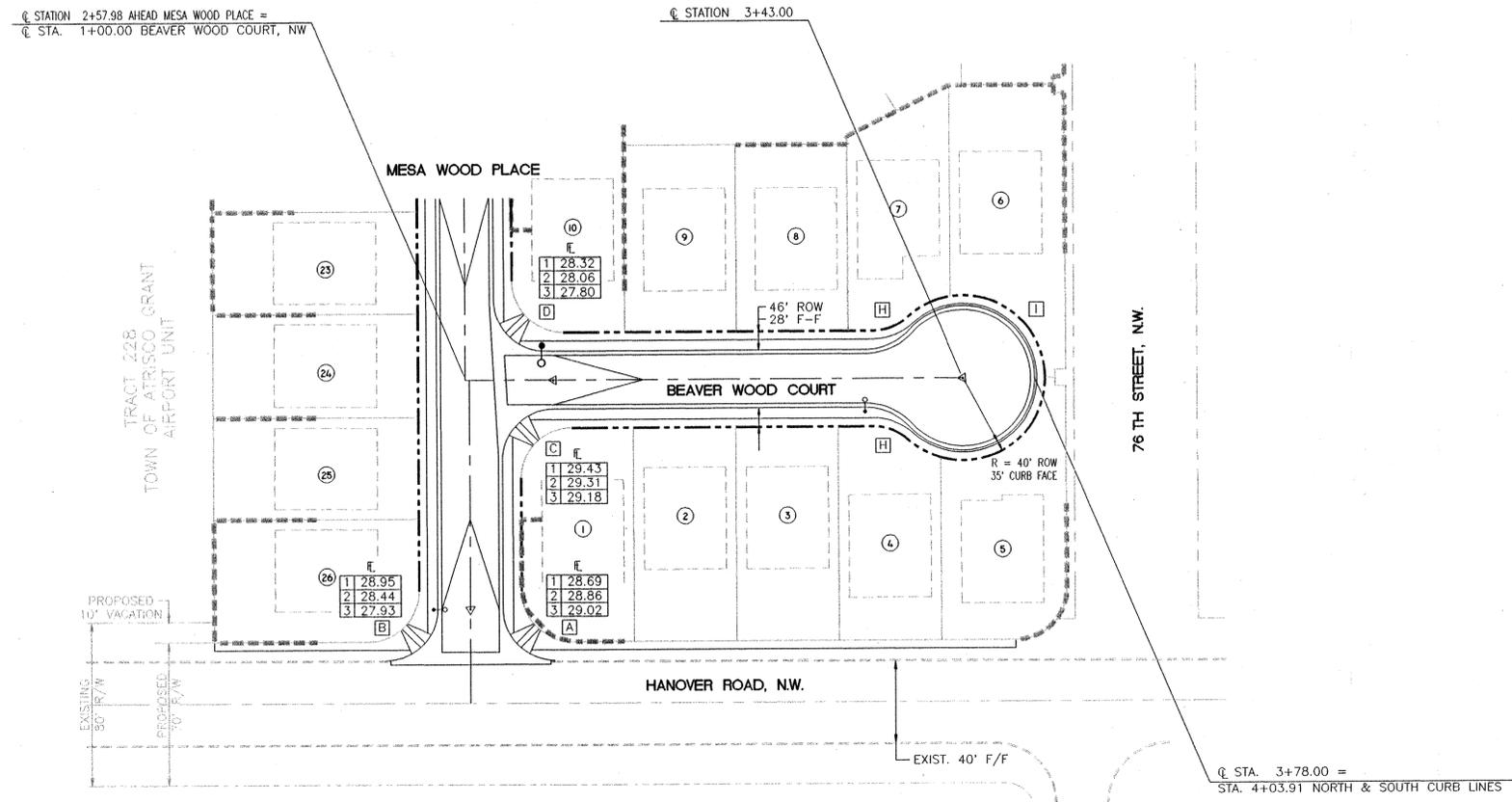
DESIGNED BY: RM
 DRAWN BY: TERRA CAD SERVICES
 CHECKED BY: RM

DATE: 04/01/97

CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DEVELOPMENT GROUP

TITLE: ROSEWOOD II SUBDIVISION
MESA WOOD PLACE, NW - PAVING

City Project No. **550282** Zone Map No. **J-10** Sheet **5** of **9**



SCANNED BY
MESA REPRO

BEAVER WOOD COURT, NW

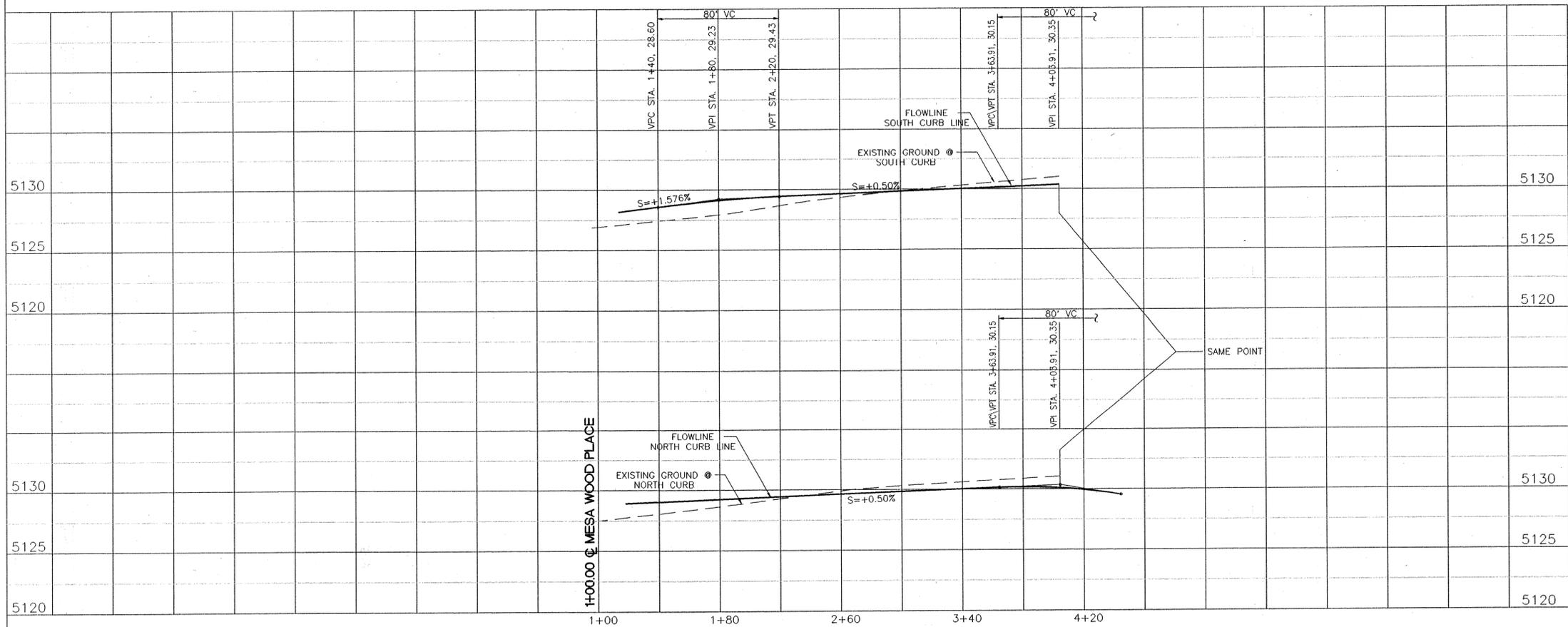
SCALES:
HORIZ.: 1"=40'
VERT.: 1"=5'

CURB TYPE	
MOUNTABLE CURB & GUTTER	1+43 to 4+03.91 (NORTH)
MOUNTABLE CURB & GUTTER	1+39 to 4+03.91 (SOUTH)

- GENERAL NOTES:**
- CONSTRUCT WHEELCHAIR RAMP PER COA STD. DWG #2441, CASE II
 - CONSTRUCT STANDARD OR MOUNTABLE CURB & GUTTER AS INDICATED PER COA STD. DWG #2415.
 - CONSTRUCT PCC VALLEY GUTTER 6' WIDE, 3/4" INVERT PER COA STD. DWG #2420.
 - 50' MINIMUM TRANSITION LENGTH FROM CROWN TO NO-CROWN.
 - ALL C&G PROFILE STATIONING AND GRADES ARE TAKEN ALONG FACE OF CURB.

FACE OF CURB CURVE TABLE

CURVE	DELTA	RADIUS	LENGTH
A	89°57'41"	25.00'	39.25'
B	90°02'19"	25.00'	39.29'
C	90°02'59"	25.00'	39.29'
D	89°57'01"	25.00'	39.25'
E	143°02'16"	31.00'	77.39'
F	58°14'20"	59.00'	59.97'
G	42°23'58"	34.00'	25.16'
H	47°23'47"	30.00'	24.82'
I	274°47'34"	35.00'	167.86'



- LEGEND**
- ===== EXISTING CURB & GUTTER OR SIDEWALK
 - PROPOSED CURB & GUTTER
 - Wheel Chair Ramp & Adjacent Sidewalk
 - Valley Gutter
 - Lot Number
 - Proposed Street Light
 - Sidewalk by Others
 - Street @ Monument
 - Street @ Monument
 - Retaining Wall

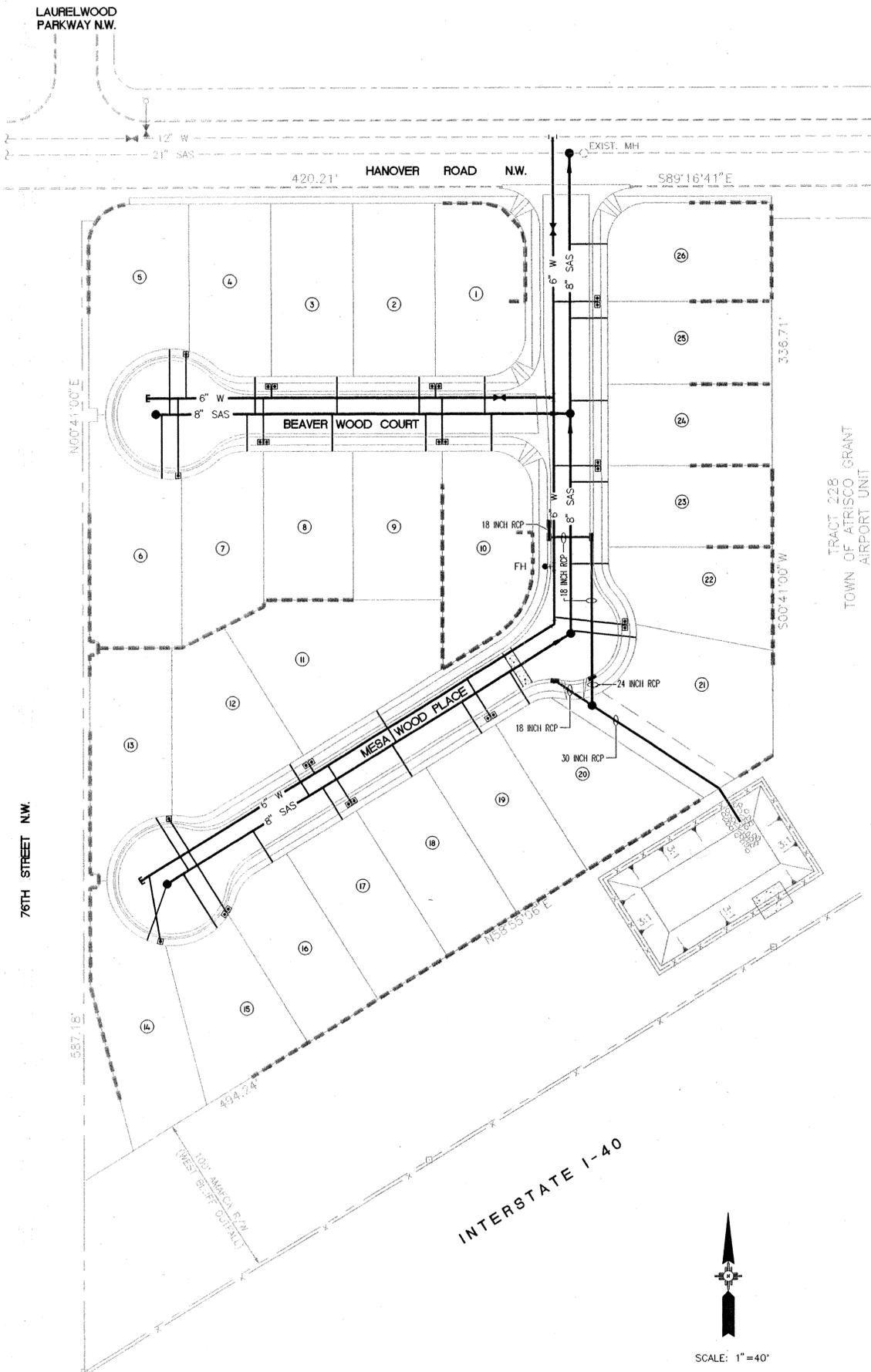
AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	AS, INC	ASC MONUMENT "B-J10" LOCATED NORTH OF I-40	RIGHT-OF-WAY AT 76th STREET, N.W.	FIELD NOTES	NO.	NO.	
STAMPED BY	AS, INC	ELEVATION	5130.013	DATE	DATE	DATE	
DATE	9/9	NO.		BY	REMARKS	BY	
DATE	9/9	DATE		NO.	REVISIONS	DATE	
DESIGNED BY	RM	DESIGNED BY	RM	DATE	DATE	DATE	DATE
DRAWN BY	TERRA CAD SERVICES	DRAWN BY	TERRA CAD SERVICES	DATE	DATE	DATE	DATE
CHECKED BY	RM	CHECKED BY	RM	DATE	DATE	DATE	DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: ROSEWOOD II SUBDIVISION
BEAVER WOOD COURT, NW - PAVING

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

City Project No. **550282** Zone Map No. **J-10** Sheet **6** of **9**



- LEGEND**
- SINGLE WATER METER & BOX
 - DOUBLE WATER METER & BOX
 - ⊗ GATE VALVE w/TYPE 'A' VALVE BOX
 - ⊕ FIRE HYDRANT
 - ⊙ MANHOLE & FLOW DIRECTION
 - WATER LINE w/FITTING
 - ▬ RETAINING WALL
 - STORM INLET
 - ⊙ STORM MANHOLE

WARNING
 THERE IS OVERHEAD POWER, BURIED CABLE TV AND BURIED TELEPHONE ALONG THE SOUTH EDGE OF HANOVER ROAD. OTHER UTILITIES MAY BE IN THE AREA.

RESTRAINED JOINT LENGTHS FOR WATERLINE FITTINGS

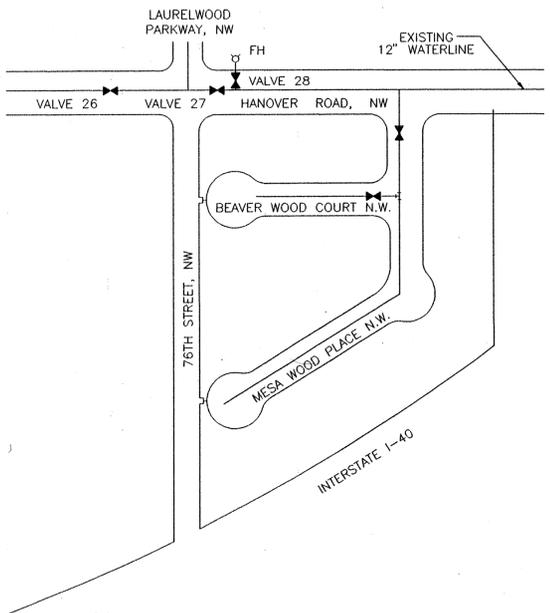
Restrained Joint Lengths, L,* for Horizontal Bends and Valves, (ft.)					
SIZE	HORIZ. BENDS			VALVES	
	90°	45°	22.5°	11.25°	
12	30	12	6	3	85
10	26	11	5	3	72
8	22	9	4	2	60
6	17	7	3	2	46
4	12	5	2	1	32

Restrained Joint Lengths, L,* for Tee's, (ft.)				
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

Note: These tables are 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 REFER TO EACH WAY FROM FITTING



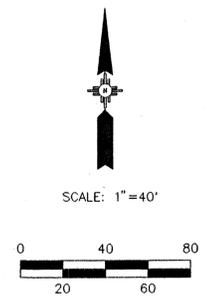
WATER SHUT-OFF PLAN

CLOSE MAIN LINE VALVE NO. 27 IN HANOVER ROAD, NW BEFORE CONNECTING THE 6-INCH WATERLINE IN MESA WOOD PLACE, NW TO THE EXISTING 12-INCH WATERLINE IN HANOVER ROAD.

THE CONTRACTOR SHALL CONTACT WATER SYSTEMS DIVISION (857-8200) FIVE (5) WORKING DAYS PRIOR TO THE CLOSING OR OPENING OF WATER LINE VALVES. ONLY CITY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.

A.C.S. STATION 8-110

SCANNED BY MESA REPRO



AS BUILT INFORMATION
 CONTRACTOR: *DAI MACHO*
 WORK: *AS BUILT*
 SIGNED BY: *DAI MACHO* DATE: *09/09*
 ACCEPTANCE BY: *DAI MACHO* DATE: *09/09*
 DRAWINGS BY: *DAI MACHO* DATE: *09/09*
 CHECKED BY: *DAI MACHO* DATE: *09/09*
 MICRO-FILM INFORMATION
 RECORDED BY: *DAI MACHO* DATE: *09/09*

BENCH MARKS
 ASC MONUMENT "6-110" LOCATED NORTH OF I-40
 RIGHT-OF-WAY AT 76TH STREET, N.W.
 ELEVATION 5130.013

SURVEY INFORMATION
 FIELD NOTES
 NO. BY DATE

ENGINEER'S SEAL
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL
 STATE OF NEW MEXICO
 No. 10117
 NAME: *DAI MACHO*

NO.	DATE	REMARKS	BY
		DESIGN	

DESIGNED BY: RM DATE: 03/31/97
 DRAWN BY: TIERRA CAD SERVICES DATE: 03/31/97
 CHECKED BY: RM DATE:

CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DEVELOPMENT GROUP

TITLE: ROSEWOOD II SUBDIVISION
MASTER UTILITY PLAN

City Project No. **550282** Zone Map No. **J-10** Sheet **7** of **9**

SCANNED BY
MESA REPRO

REMOVE & REPLACE
136 S.Y. OF ASPHALT
PER COA STD. DWG. 2465

STA. 0+90 - 8' RT.
1-6" NON PRESSURE CONNECT

STA. 1+46.15 - 8' RT.
1-6" GATE VALVE
w/BOX & COVER

STA. 2+47.98 - 8' RT.
1-6" x6" TEE

STA. 3+50.47 - 15' RT.
1-FIRE HYDRANT (4" BURY)
1-6" x6" TEE
8" OF 6" WATERLINE
1-6" GATE VALVE w/BOX & COVER
RESTRAIN FROM FLANGE TO TEE
FLANGE ELEV. 27.24

STA. 3+86.79 - 8' RT.
1-6" 45° BEND
1-6" 11-1/4° BEND

WARNING
THERE IS OVERHEAD POWER, BURIED CABLE TV
AND BURIED TELEPHONE ALONG THE SOUTH EDGE
OF HANOVER ROAD. OTHER UTILITIES MAY BE IN
THE AREA.

LEGEND

- ⊙ SAS SERVICE LINE INVERT ⊙ R
- ⊙ SINGLE WATER METER & BOX
- ⊙ DOUBLE WATER METER & BOX
- ⊙ GATE VALVE w/TYP 'A' VALVE BOX
- ⊙ FIRE HYDRANT
- ⊙ MANHOLE & FLOW DIRECTION
- ⊙ WATER LINE w/FITTING

MESA WOOD PLACE, NW

STA. 6+96 - 10' RT.
1-6" CAP w/BLOCKING

76 TH STREET NW.

SCALES:
HORIZ. : 1"=40'
VERT. : 1"=5'



GENERAL NOTES:

1. CONSTRUCT SAS SERVICES PER COA STD. DWG #2125
2. CONSTRUCT FIRE HYDRANT AT DESIGNATED DEPTHS & LENGTHS PER COA STD. DWG #2340
3. CONSTRUCT ALL SINGLE AND DOUBLE WATER SERVICES PER COA STD. DWG'S #2361, #2362, #2363.
4. SEE THE MASTER UTILITY PLAN DWG FOR RESTRAINED JOINT LENGTHS FOR WATERLINE FITTINGS.
5. THE LENGTH AND SLOPE OF SAS SHOWN IN THE PROFILE IS BASED ON THE DISTANCE BETWEEN MANHOLE CENTERS LESS THE MANHOLE DIAMETER.
6. UNLESS SHOWN OTHERWISE, MH'S SHALL BE LOCATED ALONG STREET CENTERLINE.

SAS SERVICE TABLE

LOT NO.	STATION	INV. @ R/W
11	5+17	22.60
12	5+80	22.85
13	6+00 to 6+10	23.30
14	6+82 (MH)	23.00
15	6+70	23.30
16	6+20	23.10
17	5+70	22.80
18	5+20	22.60
19	4+70	22.40
20	4+36	22.39
21	3+88	22.50
22	3+50	22.59
23	3+00	22.80
24	2+50	23.61
25	2+00	24.02
26	1+55	23.63

AS BUILT INFORMATION

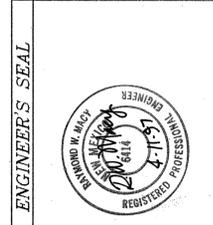
CONTRACTOR	PAJ MACHO
STAMPED BY	AIS, INC
DATE	09
FIELD ACCEPTANCE BY	AIS, INC
DATE	09
DRAWN BY	AIS, INC
DATE	5/99
CHECKED BY	AIS, INC
DATE	
RECORDED BY	
NO.	

BENCH MARKS

ASC MONUMENT "8-11C" LOCATED NORTH OF I-40	
RIGHT-OF-WAY AT 76TH STREET, N.W.	
ELEVATION 5130.013	

SURVEY INFORMATION

FIELD NOTES	
NO.	
BY	
DATE	



NO.	DATE	REVISIONS	BY
		DESIGN	
DESIGNED BY	RM	DATE	04/01/97
DRAWN BY	TERRA CAD SERVICES	DATE	
CHECKED BY	RM	DATE	

NOTE:

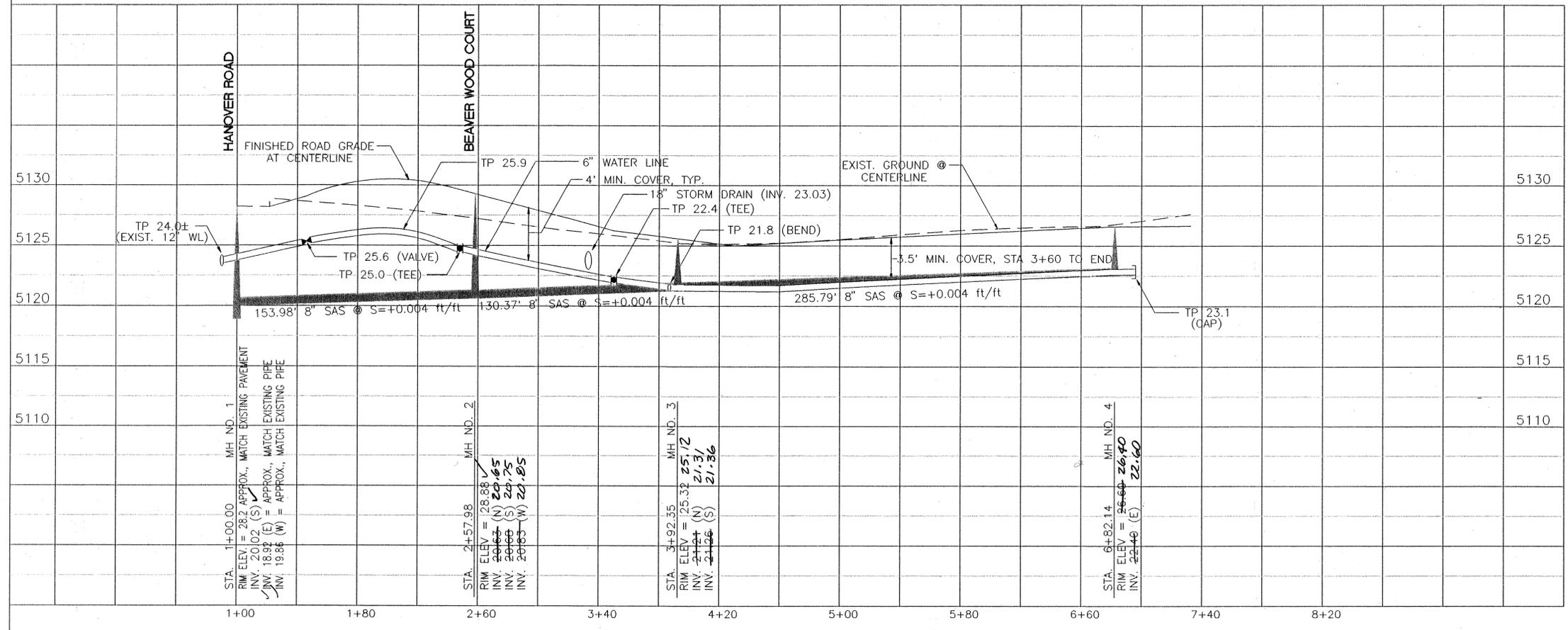
PROVIDE A PRESSURE REDUCING VALVE (PRV) ON EACH WATER SERVICE LINE, SUCH AS WATTS SERIES 23, OR OTHER PRV ACCEPTABLE TO THE CITY OF ALBUQUERQUE. LOCATE PRV IN THE WATER METER PIT AND SET FOR 115 PSI IN AND 60 PSI OUT.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: ROSEWOOD II SUBDIVISION
MESA WOOD PLACE, NW - UTILITIES

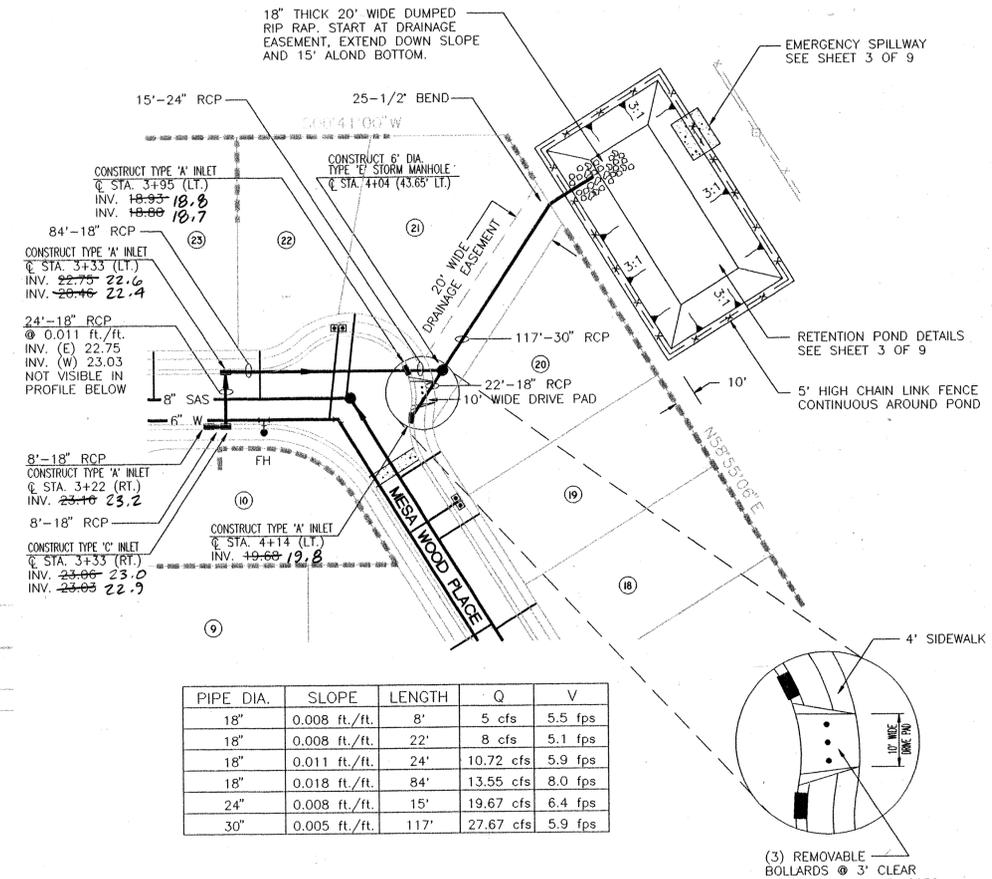
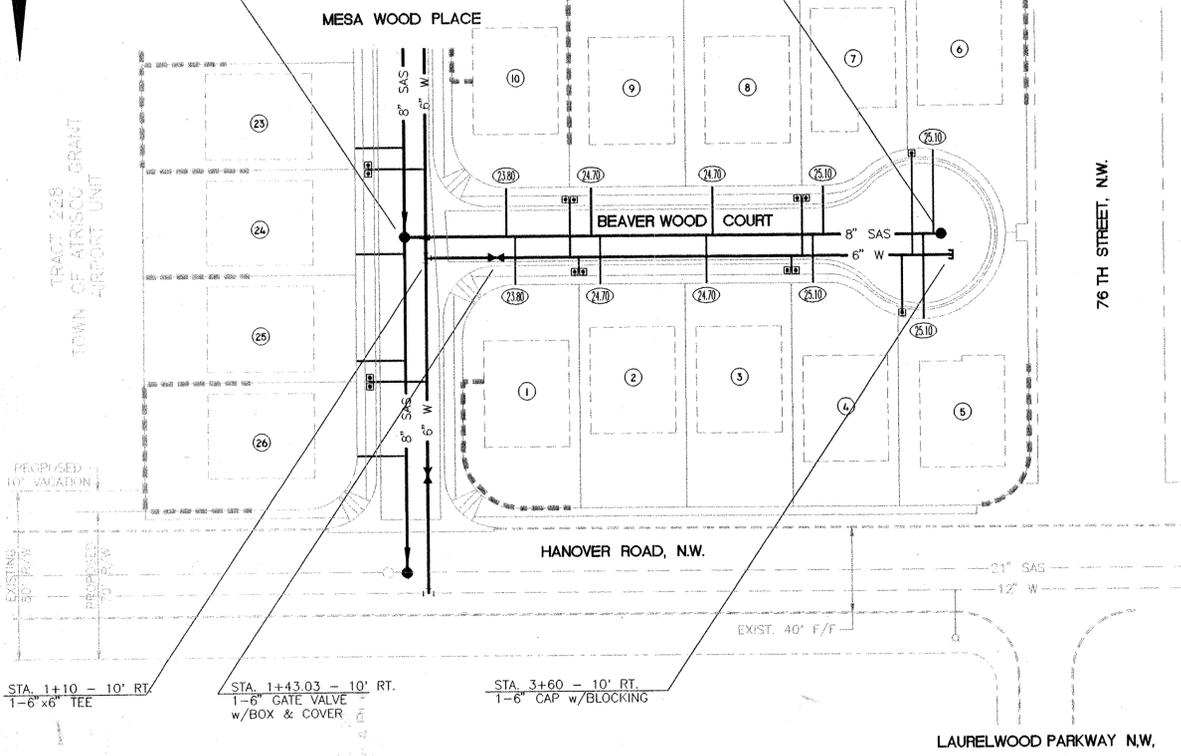


City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.



STA. 1+00.00 BEAVER WOOD PLACE, NW =
 Q STA. 2+57.98 MESA WOOD PLACE, NW
 BUILD MH NO. 2 TYPE E

Q STA. 3+50.00 BEAVER WOOD PLACE, NW
 BUILD MH NO. 5 TYPE E



CONSTRUCT TYPE 'A' INLET
 @ STA. 3+95 (LT.)
 INV. 19.95 (E) 19.8
 INV. 19.88 (W) 19.7

CONSTRUCT TYPE 'A' INLET
 @ STA. 3+33 (LT.)
 INV. 22.75 (E) 22.6
 INV. 22.71 (W) 22.4

24'-18" RCP
 @ 0.011 ft./ft.
 INV. (E) 22.75
 INV. (W) 23.03
 NOT VISIBLE IN
 PROFILE BELOW

8'-18" RCP
 CONSTRUCT TYPE 'A' INLET
 @ STA. 3+22 (RT.)
 INV. 23.10 23.2

8'-18" RCP
 CONSTRUCT TYPE 'C' INLET
 @ STA. 3+33 (RT.)
 INV. 23.00 23.0
 INV. 23.03 22.9

PIPE DIA.	SLOPE	LENGTH	Q	V
18"	0.008 ft./ft.	8'	5 cfs	5.5 fps
18"	0.008 ft./ft.	22'	8 cfs	5.1 fps
18"	0.011 ft./ft.	24'	10.72 cfs	5.9 fps
18"	0.018 ft./ft.	84'	13.55 cfs	8.0 fps
24"	0.008 ft./ft.	15'	19.67 cfs	6.4 fps
30"	0.005 ft./ft.	117'	27.67 cfs	5.9 fps

NOTE
 UTILITY PROFILE STATIONING
 IS ALONG STREET CENTERLINE.

MESA WOOD PLACE, NW

SCALES:
 HORIZ. : 1"=40'
 VERT. : 1"=5'

GENERAL NOTES:

- CONSTRUCT SAS SERVICES PER COA STD. DWG #2125
- CONSTRUCT FIRE HYDRANT AT DESIGNATED DEPTHS & LENGTHS PER COA STD. DWG #2340
- CONSTRUCT ALL SINGLE AND DOUBLE WATER SERVICES PER COA STD. DWG'S #2361, #2362, #2363.
- SEE THE MASTER UTILITY PLAN DWG FOR RESTRAINED JOINT LENGTHS FOR WATERLINE FITTINGS.
- THE LENGTH AND SLOPE OF SAS SHOWN IN THE PROFILE IS BASED ON THE DISTANCE BETWEEN MANHOLE CENTERS LESS THE MANHOLE DIAMETER.
- UNLESS SHOWN OTHERWISE, MH'S SHALL BE LOCATED ALONG STREET CENTERLINE.
- CONSTRUCT 20' WIDE CONCRETE LINED DRAINAGE EASEMENT BETWEEN LOTS 20 & 21 PER COA STD. DWG. 2260 WITH A CHANNEL GRADE @ 0.5%.

SAS SERVICE TABLE

LOT NO.	Q STATION	INV. @ R/W
1	1+52	23.80
2	1+92	24.70
3	2+42	24.70
4	2+92	25.10
5	3+44	25.10
6	3+47	25.10
7	2+97	25.10
8	2+45	24.70
9	1+88	24.70
10	1+71+48	23.80

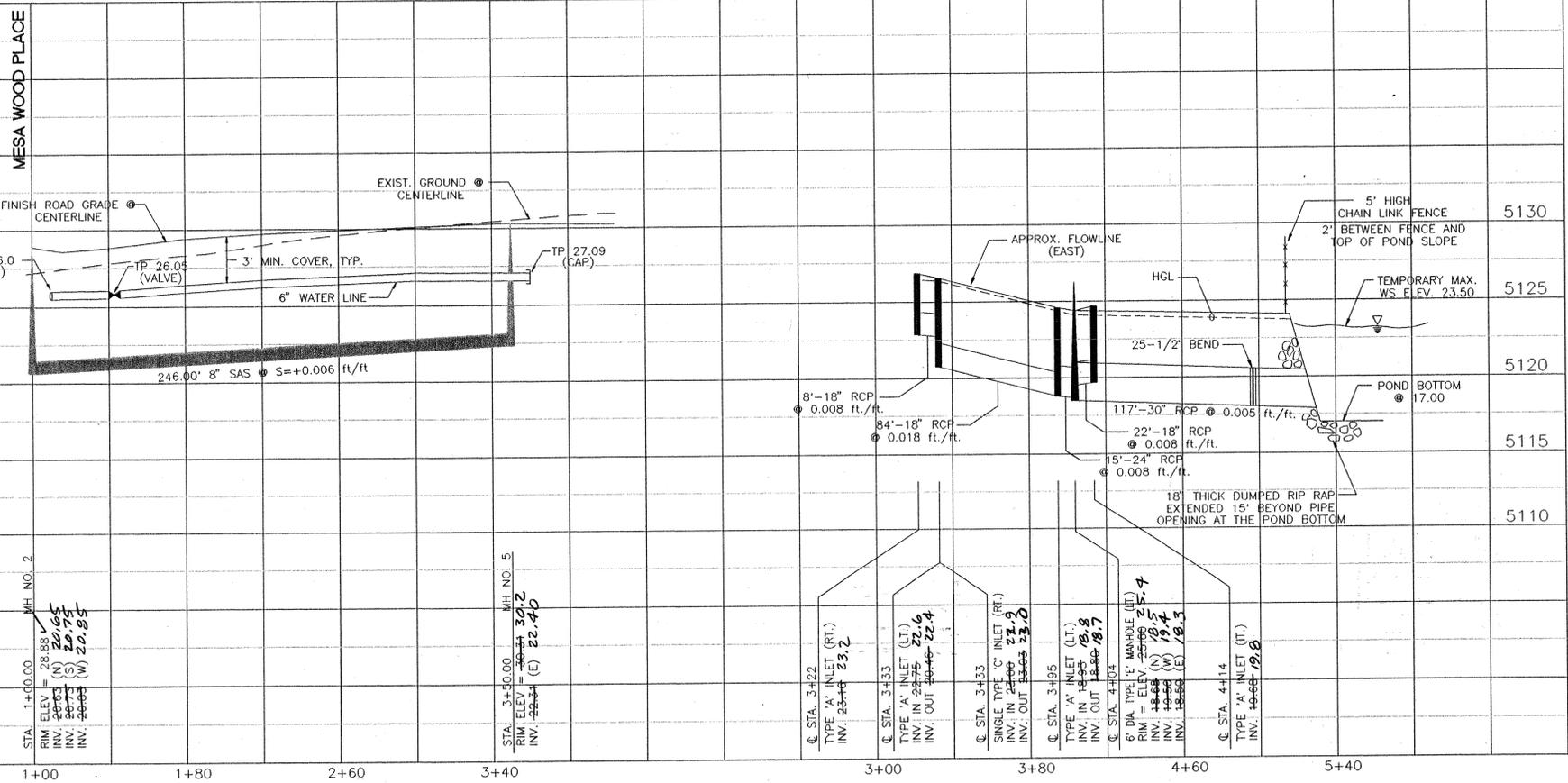
LEGEND

- SAS SERVICE LINE INVERT @ R.
- SINGLE WATER METER & BOX
- DOUBLE WATER METER & BOX
- ⊕ GATE VALVE w/TYPE 'A' VALVE BOX
- ⊕ FIRE HYDRANT
- ⊕ MANHOLE & FLOW DIRECTION
- WATER LINE w/FITTING
- STORM INLET
- STORM MANHOLE

NOTE:

PROVIDE A PRESSURE REDUCING VALVE (PRV) ON EACH WATER SERVICE LINE, SUCH AS WATTS SERIES 223, OR OTHER PRV ACCEPTABLE TO THE CITY OF ALBUQUERQUE. LOCATE PRV IN THE WATER METER PIT AND SET FOR 115 PSI IN AND 60 PSI OUT.

BEAVER WOOD COURT, NW



STA. 1+00.00 MH NO. 2
 RIM ELEV = 28.88
 INV. 5'00" (N) 20.75
 INV. 5'00" (W) 20.85

STA. 3+50.00 MH NO. 5
 RIM ELEV = 30.12
 INV. 5'00" (E) 22.40

Q STA. 3+22
 TYPE 'A' INLET (RT.)
 INV. IN 23.10
 INV. OUT 23.2

Q STA. 3+33
 TYPE 'A' INLET (LT.)
 INV. IN 22.75
 INV. OUT 22.4

Q STA. 3+33
 SINGLE TYPE 'C' INLET (RT.)
 INV. IN 23.00
 INV. OUT 23.0

Q STA. 3+95
 TYPE 'A' INLET (LT.)
 INV. IN 19.95
 INV. OUT 19.7

Q STA. 4+04
 6" DIA TYPE 'E' MANHOLE (LT.)
 RIM ELEV = 24.40
 INV. 4'00" (N) 19.4
 INV. 4'00" (W) 19.4
 INV. 4'00" (E) 19.3

Q STA. 4+14
 TYPE 'A' INLET (RT.)
 INV. IN 23.10
 INV. OUT 23.2

CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DEVELOPMENT GROUP

TITLE: ROSEWOOD II SUBDIVISION
 MESA WOOD PLACE and BEAVER WOOD COURT, NW - UTILITIES

Design Review Committee City Engineer Approval

Mo./Day/Yr. Mo./Day/Yr.

City Project No. 550282 Zone Map No. J-10 Sheet 9 of 9

AS BUILT INFORMATION

CONTRACTOR	Dot Matrix
INSPECTOR'S NAME	HIS, INC
DATE	
INSPECTOR'S NAME	AIS, INC
DATE	5/29
INSPECTOR'S NAME	AIS, INC
DATE	5/29
INSPECTOR'S NAME	MICRO-FILM INFORMATION
DATE	

BENCH MARKS

ASC MONUMENT	8-J10 LOCATED NORTH OF	1-40
RIGHT-OF-WAY AT	76th STREET, N.W.	
ELEVATION	5130.013	

SURVEY INFORMATION

DATE	
BY	
NO.	

ENGINEER'S SEAL

NO.	DATE	REVISIONS	BY
		DESIGN	
DESIGNED BY	RM	DATE	04/01/97
DRAWN BY	TERRA CAD SERVICES	DATE	
CHECKED BY	RM	DATE	