SCANNED BY
MESA REPRO

⚠ **RECORD DRAWING**

CONSTRUCTION PLANS
FOR
WESTLAND NORTH SECTOR PLAN
PHASE I-A
MASTER INFRASTRUCTURE
(PROPERTY OF WESTLAND NORTH)
ALBUQUERQUE, NEW MEXICO

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE:

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I, PATRICK J. CONLEY of the firm of SMITH ENGINEERING CO., A Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications, while someone from Smith Engineering Company was onsite, approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction and survey information provided by CHARLES G. CALA JR. (*Surveyor Name*) NMPS number 11184 (*PS #*).

Engineer's Seal & Signature
PATRICK J. CONLEY NEW MEXICO 10141 REGISTERED PROFESSIONAL ENGINEER
01/10/05

P:\00311\CDP\GENERAL\00311TITLE.DGN

CHARLES G. CALA, JR. NEW MEXICO 11184 REGISTERED PROFESSIONAL SURVEYOR

SURVEYOR'S CERTIFICATION ⚠⚠

I, Charles G. Cala, Jr., 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 and that I am not responsible for any of the design concepts, calculations, engineering, or intent of the record drawings.

12-29-04
Charles G. Cala, Jr., NMPS 11184 Date

04-12-05 ⚠

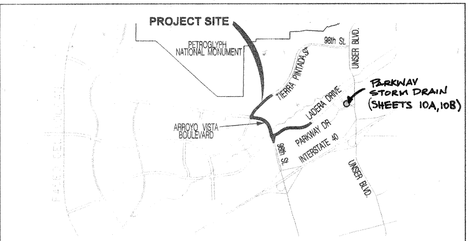
NOTES

1. AMAFCA FIELD ENGINEER SHALL BE NOTIFIED 48-HOURS PRIOR TO ANY WORK WITHING THE AMAFCA R/W OR EASEMENT. TEL (505) 884-2215 JERRY LOVATO.
2. NO WORK WILL BE PERFORMED IN THE AMAFCA R/W BETWEEN MAY 15 AND OCTOBER 15 WITHOUT WRITTEN PERMISSION FROM AMAFCA.
3. ALL SUBGRADE, BACKFILL AND EMBANKMENT SHALL BE COMPACTED TO 95% (MODIFIED PROCTOR) WITHIN THE AMAFCA R/W. TESTING REPORTS SHALL BE PROVIDED TO AMAFCA FIELD ENGINEER.
4. AMAFCA FIELD ENGINEER WILL BE NOTIFIED 48 HOURS PRIOR TO FINAL INSPECTION OF ANY FACILITIES WITHIN THE AMAFCA R/W.
5. ALL DISTURBED GROUND AREAS SHALL BE REVEGETATED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION SECTION 1012 NATIVE GRASS SEEDING AS CURRENTLY UPDATED.

APPROVED FOR CONSTRUCTION WITHIN AMAFCA RIGHT OF WAY OR EASEMENT:

Lynn M. Mayn (FOR AMAFCA) 2-12-04 (DATE)

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE: 12/21/05



VICINITY MAP: NOT TO SCALE ZONE MAP NOS. H-9, J-8 & J-9

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
2. 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 REVISED THROUGH UPDATE No. 7
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. ALL WORK EFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED W/ PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS EXISTING, OR AS INDICATED BY THIS PLAN SET.
8. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR 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.
9. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWING. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED
10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY
11. CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE WATER SYSTEMS DIVISION (857-8200) SEVEN WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION SEVEN (7) DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- [X] ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- [X] BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- [ ] TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- [X] SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- [ ] IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- [X] ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- [X] THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
⚠	1-21		12-2004				
⚠	1-21		4-2005				
⚠	4A	K. Booth 1-05-05	1/3/05				

ENGINEERS STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE
KEVIN G. PATTON NEW MEXICO 12641 REGISTERED PROFESSIONAL ENGINEER 2-2-04 2-11-04	DRC Chairman		3-3-04
	Transportation		02/16/04
	Water/Wastewater		2/2/04
	Hydrology		2/17/04
	Const. Mngmt.		
	Const. Coord.		3-3-04
	NMDOT		
	AMAFCA	Lynn M. Mayn	2-12-04

APPROVED FOR CONSTRUCTION

4-20-05
City Engineer Date

DRB Case Number 1002935 | City Project No. 650282 | Sheet 1 Of 21

BHI JOB NO. 00 311 A04

JMA JOB # 2004.041.1

Bohannan ▲ Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING - SPATIAL DATA - ADVANCED TECHNOLOGIES

GENERAL NOTES:

1. WHEN CONFLICTS EXIST BETWEEN THE "STANDARD SPECIFICATION" AND THE "PLANS" ("PLANS" SHALL MEAN THE SHEETS NUMBERED FROM 1 OF 40 THROUGH 40 OF 40 ENTITLED "CONSTRUCTION PLANS FOR WESTLAND NORTH SECTOR PLAN PHASE I MASTER INFRASTRUCTURE PLANS"), THE CONSTRUCTION OBSERVER SHALL BE NOTIFIED IMMEDIATELY FOR RESOLUTION. IN GENERAL, THE PLANS SHALL GOVERN.

2. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS GOVERNING CONSTRUCTION SAFETY AND HEALTH.

3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION OBSERVER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

4. FIVE (5) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT LINE LOCATING SERVICE FOR LOCATION OF EXISTING UTILITIES.

5. ALL ELECTRICAL, TELEPHONE, CABLE TV, AND OTHER UTILITY LINES, CABLES, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS.

6. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN IN SERVICE, ALL EXISTING UTILITIES.

7. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, TOPSOIL DISTURBANCE AND EXCAVATION PERMITS, ETC.)

8. ALL TRENCHES AND EXCAVATIONS SHALL BE SLOPED, SHORED, SHEETED, BRACED, OR OTHERWISE SUPPORTED ACCORDING TO OSHA CONSTRUCTION SAFETY AND HEALTH STANDARDS. JOB SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

9. BLASTING USING EXPLOSIVES SHALL NOT BE PERMITTED. THE USE OF OTHER TECHNIQUES SHALL BE DONE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND APPROVED BY THE CONSTRUCTION OBSERVER AND THE CITY OF ALBUQUERQUE.

10. CONTRACTOR SHALL OBTAIN A COPY OF SOILS REPORT FROM THE CONSTRUCTION OBSERVER PRIOR TO BEGINNING CONSTRUCTION.

11. ALL STATIONING IS BASED ON STREET CENTERLINE, UNLESS OTHERWISE NOTED.

12. CONTRACTOR SHALL COORDINATE WITH PNM, ELECTRIC & GAS AND JONES INTERCABLE FOR THE INSTALLATION OF THEIR FACILITIES. CONTRACTOR SHALL SCHEDULE THOSE UTILITIES SO AS TO ALLOW WORK TO PROCEED IN A TIMELY MANNER BY THE CONTRACTOR AND THE UTILITY FIRMS.

WATERLINE REQUIREMENTS:

1. TEMPORARY WATERLINE CONNECTION FOR CONSTRUCTION PURPOSES SHALL BE INCIDENTAL TO THE PROJECT. THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE CITY OF ALBUQUERQUE FOR USE OF EXISTING FIRE HYDRANTS FOR CONSTRUCTION WATER. THE COST OF PERMITS, METERS AND WATER USAGE SHALL BE INCIDENTAL TO OTHER BID ITEMS. THE FIRE HYDRANTS WITHIN ANY ADJACENT SUBDIVISIONS MAY NOT BE USED FOR CONSTRUCTION WATER. CONTRACTOR SHALL ADVISE WESTLAND DEVELOPMENT CO. OF WHICH HYDRANTS THEY PREFER TO USE FOR CONSTRUCTION WATER PRIOR TO OBTAINING PERMITS FROM THE CITY OF ALBUQUERQUE.

CONSTRUCTION SIGNING: UNLESS GOVERNED BY A SPECIFIC PLAN, THE FOLLOWING NOTES APPLY:

A. ALL BARRICADES AND SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST DIVISION EDITION.

B. CONTRACTOR SHALL PREPARE A CONSTRUCTION SIGNING PLAN AND OBTAIN APPROVAL OF SUCH PLAN FROM THE CITY OF ALBUQUERQUE, TRAFFIC DIVISION, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.

C. CONTRACTORS SHALL MAINTAIN ALL BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADES AT THE END AND BEGINNING OF EACH DAY.

D. CONTRACTOR SHALL PREPARE A TRAFFIC CONTROL PLAN (TCP) AND OBTAIN NMDOT APPROVAL OF THE TCP PRIOR TO STARTING CONSTRUCTION WITHIN THE NMDOT RIGHT-OF-WAY (98TH ST. SOUTH OF LADERA DR.) CONTACT NMDOT DISTRICT 3 TRAFFIC ENGINEER— TONY ABBO, PE ((505) 841-2761)

MISCELLANEOUS NOTES:

1. ALL BOULDERS ENCOUNTERED DURING THE COURSE OF CONSTRUCTION SHALL BE PRESERVED AND STOCK PILED BY CONTRACTOR AT A LOCATION, ON SITE DETERMINED BY OWNER.

2. CONTRACTOR SHALL MAINTAIN IN PLACE, AT ALL TIMES, ALL EXISTING AND TEMPORARY FENCES ON SITE.

3. CONTRACTOR SHALL PROTECT ALL TREES, WHICH THE OWNER REQUESTS TO BE SAVED, FROM DAMAGE WITH TEMPORARY FENCING.

RECLAMATION NOTES:

1. ALL DISTURBED AREAS SHALL BE RESTORED IN ACCORDANCE WITH THE SPECIFICATIONS PROVIDED BY OWNER.

2. WORK AREAS SHALL BE LIMITED TO DESIGNATED ROAD RIGHT-OF-WAY AND EASEMENTS AS SHOWN ON THE PLANS. WORK OUTSIDE OF THE RIGHT-OF-WAY OR EASEMENTS IN WESTLAND DEVELOPMENT CO. PROPERTY IS NOT ALLOWED WITHOUT WRITTEN CONSENT FROM WESTLAND DEVELOPMENT CO.

CONSTRUCTION ACCESS:

1. THE WESTLAND SECTOR PLAN INFRASTRUCTURE CONTRACTOR SHALL TAKE ACCESS ONLY FROM THE EXISTING UNSER/98th OR UNSER/LADERA INTERSECTIONS, OR FROM THE I-40/98th STREET INTERCHANGE.

EXISTING UTILITIES

THESE DRAWINGS REFLECT INFORMATION ON UTILITIES GATHERED BY SITE INSPECTION, DISCUSSIONS WITH LOCAL UTILITIES, ENGINEERING OFFICIALS, AND PREVIOUS CONSTRUCTION DRAWINGS PROVIDED TO OR OBTAINED BY THE ENGINEER. IT IS POSSIBLE THAT THE EXACT LOCATION OF LINES IN THE IMMEDIATE VICINITY OF THE PROJECT MAY BE SLIGHTLY DIFFERENT FROM THE LOCATION SHOWN ON THIS DRAWING. IF ADDITIONAL LINES ARE ENCOUNTERED, THEY SHALL BE EXPOSED AND IDENTIFIED BY THIS CONTRACTOR. WHERE ADDITIONAL LINES AND/OR DIFFERING LOCATIONS ARE ENCOUNTERED, THIS CONTRACTOR SHALL REQUEST THAT THE ENGINEER MAKE A RULING AS TO ANY NECESSARY CHANGE OF MATERIALS, RE-ROUTING, ABANDONING OR RELOCATING OF SUCH LINES. GAS COMPANY, PNM, US WEST AND/OR CABLE TV SHALL BE THE SOLE AUTHORITY IN RULING ON THE DISPOSITION OF THEIR EXISTING LINES. ALL LINES ENCOUNTERED THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED TO CLEAR CONSTRUCTION (IF ACTIVE) AND BE REMOVED (IF INACTIVE) BY THIS CONTRACTOR UNDER THIS CONTRACT. ALL BIDDERS ARE CAUTIONED TO INVESTIGATE SITE CONDITIONS BEFORE SUBMITTING THEIR BIDS. ALL EXISTING PIPING SHALL HAVE A MINIMUM EARTH COVERAGE AND DEPTHS SHALL BE ADJUSTED AS REQUIRED TO PROVIDE MINIMUM COVERAGE DUE TO NEW GRADES OR CONSTRUCTION. CONTRACTOR SHALL PAY FOR ANY AND ALL COSTS OF PERMITS, LINE EXTENSIONS, FIRELINES, METER INSTALLATION, ETC., AS REQUIRED BY LOCAL GOVERNING UTILITIES ENGINEERING OFFICIALS.

EROSION CONTROL MEASURES:

1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY. THIS MAY BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AT THE CONSTRUCTION LIMITS AND WETTING THE SOIL TO KEEP IT FROM BLOWING.

2. 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.

3. THE CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION. THE COST OF REQUIRED EROSION CONTROL MEASURES SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT COST.

4. DURING THE MONTH OF JULY, AUGUST, OR SEPTEMBER, ANY GRADING WITHIN OR ADJACENT TO A WATERCOURSE DEFINED AS A MAJOR FACILITY SHALL PROVIDE FOR EROSION CONTROL AND THE SAFE PASSAGE OF THE 10-YEAR DESIGN STORM RUNOFF DURING THE CONSTRUCTION PHASE.

SANITARY SEWER REQUIREMENTS

1. THE CONTRACTOR SHALL EXCAVATE THE SANITARY SEWER SERVICES BY STARTING AT THE PLUG AND EXCAVATING BACK TO THE MAIN LINE SO AS TO MINIMIZE DISTURBANCE TO THE SURROUNDING VEGETATION.

RECORD DRAWING

Bohannan Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

WESTLAND DEVELOPMENT CO.

GENERAL NOTES

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
MAR - 3 2004	APPROVED APR 26 2004 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650282	H-9/J-8/J-9	1A	21

BHI JOB NO. 00311A04

COPYRIGHT BOHANNAN HUSTON 2000
DATE:

SCANNED BY MESA REPRO

P:\00311\cdp\general\GENERAL TRACT -I\00311n[illegible].dgn
02-FEB-2004
13:20

SCANNED BY
MESA REPRO

G:\PLATS\1999\WESTLND\1999190P4.DWG Wed Jul 05 10:09:24 2000

Bulk Land Plat of

Westland North

Albuquerque, Bernalillo County, New Mexico
July 2000

PROJECT # 1000570

Application No.

00410-00000-00752 (BLV)
00410-00000-00753 (VRW)
00440-00000-00754 (VPE)

Approvals

12/21/00

CITY PLANNER, ALBUQUERQUE PLANNING DIVISION — DATE 7-12-00
CITY ENGINEER — DATE 7-12-00
A.M.A.F.C.A. — DATE 7-12-00
TRAFFIC ENGINEER — DATE 7/12/00
CITY SURVEYOR — DATE 8-14-00
PROPERTY MANAGEMENT — DATE 12/19-00 7/12/00
WATER RESOURCES DEPARTMENT — DATE 7/12/00
DESIGN AND DEVELOPMENT, Parks & Recreation — DATE 7-12-00 RP 12/18/00
PNM ELECTRIC SERVICES — DATE 7-12-00 RP 12/15/00
PNM GAS SERVICES — DATE 07/12/00
U.S. WEST COMMUNICATIONS — DATE 8/2/00
COMCAST CABLE — DATE

Surveyor's Certificate

I, LARRY W. MEDRANO, A REGISTERED PROFESSIONAL SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO, HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY MEETING THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS OF THE CITY OF ALBUQUERQUE SUBDIVISION ORDINANCE AND OF STANDARDS FOR LAND SURVEYS OF THE N.M. BOARD OF REGISTRATION FOR ENGINEERS AND SURVEYORS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT NO ENCROACHMENTS EXIST EXCEPT AS NOTED ABOVE AND THAT ALL IMPROVEMENTS ARE SHOWN IN THEIR CORRECT LOCATION RELATIVE TO RECORD BOUNDARIES AS LOCATED BY THIS SURVEY.

7/5/2000
LARRY W. MEDRANO — DATE
N.M.P.S. No. 11993

LARRY W. MEDRANO NEW MEXICO 11993 REGISTERED PROFESSIONAL SURVEYOR

Sheet Index

1. COVER SHEET AND LOCATION MAP
2. DEDICATION AND CONSENT, LEGAL DESCRIPTION, SUBDIVISION DATA
3. SHEET INDEX MAP
4. SURVEY CONTROL SHEET
5. TO 16. 1"=200' DETAIL MAPS
17. TO 21. A.M.A.F.C.A. EASEMENT DETAILS
22. LINE AND CURVE DATA TABLES, AND DETAILS

TREASURER'S CERTIFICATE

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON UPC # 25-UPC-Codes-SeeTaxCertificate
PROPERTY OWNER OF RECORD: Westland Dev. Inc.
BERNALILLO COUNTY TREASURER'S OFFICE
12/27/2000

Westland Development Co., Inc.

PRECISION SURVEYS, INC.
8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900

Project No. 1000570

Sheet 1 of 23

87110P

RECORD DRAWING

G:\PLATS\1999\WESTLND\1999190P4.DWG Wed Dec 1 16:56:21 2000

Legal Description

A certain tract of land lying and situate within the Town of Atrisco Grant, within projected Sections 7, 8, 9, 16, 17, 18, 19 and 20, Township 10 North, Range 2 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, said tract being more particularly described by New Mexico State Plane Grid Bearings (Central Zone-NAD 1983) and ground distances as follows:

Beginning at the Northeast corner of said tract lying on the intersection of the south boundary of the Petroglyph National monument and the west boundary line of Parkwest Subdivision Unit 5, 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 November 30, 1995, in Volume 95C, Folio 429, marked by a set rebar with cap "PS 11993", from whence a tie to New Mexico State Highway Commission Monument "I-40-204" bears S 19°35'19" E, a distance of 7,162.56 feet;

Thence from said beginning point, leaving said south boundary line and continuing along said west boundary line, S 35°41'29" W, a distance of 490.04 feet to an angle point marked by a set rebar with cap "PS 11993"; said point also being an angle point on the west boundary line of Lot 26-P1, in Block 8, of Parkwest Subdivision Unit 3, 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 February 23, 1995 in Volume 95C, Folio 65;

Thence continuing along said west boundary line for the next two courses, S 14°58'00" W, a distance of 686.14 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence S 00°31'27" W, a distance of 63.62 feet to an angle point lying on the north right of way line of Ninety-eighth Street, NW, marked by a set rebar with cap "PS 11993";

Thence along said north right of way line, along a non-tangent curve to the left, having a radius of 4646.34 feet, an arc length of 309.11 feet, a delta angle of 03°48'42", and a chord of N 87°53'44" W, a distance of 309.05 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence leaving said north right of way line, S 08°19'45" E along the west boundary of Tracts "A" and "J" of The Crossing Subdivision, 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 July 8, 1996, in Volume 96C, Folio 302, a distance of 1,086.47 feet to an angle point marked by a set rebar with cap "PS 11993", said point also being an angle point in said west boundary of Tract "A";

Thence S 40°14'59" E along said west boundary of Tract "A", a distance of 456.41 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence along the west boundary line of Tract "B" of said The Crossing Subdivision, for the next three courses, S 57°54'27" W, a distance of 943.82 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence S 24°06'18" W, a distance of 164.17 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence N 74°22'37" W, a distance of 125.46 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence along a non-tangent curve to the left, having a radius of 1032.00 feet, an arc length of 590.98 feet, a delta angle of 32°48'39", and a chord of S 00°46'56" E, a distance of 582.84 feet to a point of tangency marked by a set rebar with cap "PS 11993";

Thence S 17°11'16" E, a distance of 334.85 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence N 57°54'25" E, a distance of 52.40 feet to an angle point marked by a set rebar with cap "PS 11993", said angle point also being the northwest corner of Tract "D" of said The Crossing Subdivision;

Thence S 32°05'34" E along the southwesterly boundary line of said tract "D", a distance of 625.15 feet to an angle point marked by a set rebar with cap "PS 11993", said point also being the southwest corner of said Tract "D";

Thence S 56°43'01" W through un-platted lands of Westland Development Co., Inc. for the next three courses, a distance of 160.20 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence S 07°36'12" W, a distance of 1,163.96 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence S 89°21'27" E, a distance of 178.77 feet to an angle point marked by a set rebar with cap "PS 11993", said angle point also being the northwest corner of Tract "A" of Parkway Subdivision, 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 June 29, 1995, in Volume 95C, Folio 236;

Thence along the west boundary line of said Tract "A", S 04°17'47" W, a distance of 748.54 feet to an angle point lying on the northwesterly boundary line of the Parkland View Subdivision, 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 April 07, 1998, in Volume 98C, Folio 83, marked by a set rebar with cap "PS 11993";

Thence along said northwesterly line, S 38°30'01" W, a distance of 447.56 feet to an angle point, said angle point also being the southwest corner of Tract "A" of said Parkland View Subdivision, marked by a set rebar with cap "PS 11993";

Thence S 89°21'06" E along the south line of said Parkland View Subdivision, and continuing through the south boundary line of Parkway Subdivision, 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 August 2, 1996, in Volume 96C, Folio 343, a distance of 2305.24 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence N 00°38'45" E along the east boundary line of said Parkway Subdivision Unit B, a distance of 1,035.42 feet to an angle point marked by a set rebar with cap "PS 11993"said point lying on the south boundary line of Parcel "A" of said Parkway Subdivision, Unit 6;

Thence S 89°20'38" E along said south boundary line, a distance of 644.84 feet to an angle point lying on the west right of way line of the Unser Boulevard, NW westbound on ramp to Interstate 40, marked by a set rebar with cap "PS 11993", from whence a tie to New Mexico State Highway Commission Monument "I-40-204" bears S 40°59'56" E, a distance of 1,097.19 feet;

Thence along said west right of way line for the next three courses, S 42°25'07" W, a distance of 273.82 feet to an angle point marked by a found right of way marker (Illegible);

Thence S 26°54'34" W, a distance of 1,252.26 feet to a point of curvature marked by a found right of way marker (Illegible), said point of curvature marking the transition from said west right of way line of Unser Boulevard, NW westbound on ramp to Interstate 40, to the north right of way line of Interstate 40, said right of way lines as defined in the New Mexico State Highway and Transportation Department Right of Way Maps for Project Number I-040-3 (28) 148;

Thence along a curve to the right, having a radius of 2,291.84 feet, an arc length of 1,276.75 feet, a delta angle of 31°55'07", and a chord of S 42°52'11" W, a distance of 1,260.30 feet to a point of tangency marked by a found right of way marker (Illegible);

Thence S 58°49'15" W along said north right of way line, a distance of 955.06 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence leaving said north right of way line, N 15°18'02" W along the east property line of Tract "B-24", Tracts Allotted from the Town of Atrisco Grant, as the same are shown and designated on the plat thereof, filed in the Office of the County Clerk of Bernalillo County, New Mexico on December 5, 1916, in Volume D, Folio 117, a distance of 322.84 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence N 89°48'05" W along the north boundary line of Tracts "B-24" through "B-28" of said Tracts Allotted from the Town of Atrisco Grant, a distance of 1,136.46 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence N 15°20'22" W, a distance of 14.78 feet to an angle point marked by a set rebar with cap "PS 11993", from whence a tie to A.C.S. Monument "Reward" bears S 50°30'55" W, a distance of 2,081.44 feet;

Thence N 89°48'00" W, a distance of 1,320.01 feet to an angle point lying on the east right of way line of Ninety-eighth Street, NW, marked by a set rebar with cap "PS 11993";

Thence along said east right of way line for the next four courses, N 14°58'56" W, a distance of 62.08 feet to an angle point marked by a found right of way marker (Illegible);

Thence N 14°56'09" E, a distance of 62.12 feet to an angle point marked by a found right of way marker (Illegible);

Thence N 14°58'01" W, a distance of 542.13 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence N 04°21'16" W, a distance of 250.33 feet to a point of curvature marked by a set rebar with cap "PS 11993";

Thence along a curve to the left, having a radius of 130.00 feet, an arc length of 228.30 feet, a delta angle of 100°37'05", and a chord of N 54°40'16" W, a distance of 200.07 feet to an angle point lying on the north right of way line of Ninety-eighth Street, NW, marked by a set rebar with cap "PS 11993";

Thence along said north right of way line for the next three courses, S 75°01'08" W, a distance of [illegible] feet to an angle point marked by a set rebar with cap "PS 11993";

Thence S 14°58'52" E, a distance of 100.00 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence S 75°01'08" W, a distance of 106.00 feet to an angle point lying on the west right of way line of Ninety-eighth Street, NW, marked by a found right of way marker (Illegible);

Thence along said west right of way line for the next two courses, S 02°45'21" E, a distance of 306.96 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence S 14°58'52" E, a distance of 517.12 feet to an angle point marked by a found number 4 rebar;

Thence leaving said west right of way line, N 89°37'37" W, a distance of 993.27 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence S 14°58'13" E, a distance of 1,112.21 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence S 89°37'30" E, a distance of 558.63 feet to an angle point lying on the said north right of way line of Interstate 40, marked by a set rebar with cap "PS 11993", from whence a tie to A.C.S. Monument "Reward" bears S 27°54'33" E, a distance of 284.71 feet;

Thence along said north right of way line for the next four courses, S 31°01'08" W, a distance of 145.72 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence S 16°12'08" W, a distance of 351.28 feet to a point of curvature marked by a found right of way marker (Illegible);

Thence along a curve to the right, having a radius of 2,291.83 feet, an arc length of 1,692.76 feet, a delta angle of 42°19'06", and a chord of S 37°38'28" W, a distance of 1,654.54 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence S 58°49'08" W, a distance of 1,302.56 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence leaving said north right of way line, N 14°56'52" W along the east boundary line of Tract 16, Row 4, of the said Tracts Allotted from the Town of Atrisco Grant, a distance of 356.46 to an angle point, also being the northeast corner of said Tract 16, marked by a set rebar with cap "PS 11993";

Thence S 75°01'08" W, a distance of 1,050.00 feet to an angle point, also being the northwest corner of Tract 20, Row 4, marked by a set rebar with cap "PS 11993";

Thence S 14°56'52" E along the west boundary line of said Tract 20, a distance of 661.51 feet to an angle point lying on the north right of way line of Interstate 40, marked by a set rebar with cap "PS 11993";

Thence S 58°59'42" W along said north right of way line, a distance of 1,178.25 feet to the southwest corner of described tract marked by a set rebar with cap "PS 11993";

Thence leaving said north right of way line, N 14°56'52" W, a distance of 1,022.72 to an angle point marked by a set rebar with cap "PS 11993";

Thence N 75°01'08" E, a distance of 442.36 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence N 14°56'52" W, a distance of 279.92 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence N 01°57'19" W, a distance of 1,278.15 feet to a point of curvature marked by a set rebar with cap "PS 11993";

Thence along a curve to the left, having a radius of 30.00 feet, an arc length of 50.27 feet, a delta angle of 96°00'23", and a chord of N 45°57'31" W, a distance of 44.59 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence N 00°23'11" E, a distance of 153.63 feet to a point of curvature marked by a set rebar with cap "PS 11993";

Thence along a non-tangent curve to the left, having a radius of 30.00 feet, an arc length of 44.01 feet, a delta angle of 84°02'47", and a chord of N 40°00'54" E, a distance of 40.13 feet to a point of compound curvature, marked by a set rebar with cap "PS 11993";
Thence along a curve to the left, having a radius of 2,910.00 feet, an arc length of 699.37 feet, a delta angle of 13°46'13", and a chord of N 08°53'58" W, a distance of 697.61 feet to an a point of tangency, marked by a set rebar with cap "PS 11993";

Thence N 15°46'42" W, a distance of 422.84 feet to a point of curvature marked by a set rebar with cap "PS 11993";

Thence along a curve to the left, having a radius of 1,055.92 feet, an arc length of 747.86 feet, a delta angle of 40°34'48", and a chord of N 36°04'06" W, a distance of 732.32 feet to an a point of tangency, marked by a set rebar with cap "PS 11993";

Thence N 56°21'30" W, a distance of 680.66 feet to a point of curvature marked by a set rebar with cap "PS 11993";

Thence along a curve to the left, having a radius of 1,055.78 feet, an arc length of 557.12 feet, a delta angle of 30°14'04", and a chord of N 71°28'32" W, a distance of 550.65 feet to a point of tangency, marked by a set rebar with cap "PS 11993";

Thence N 86°35'04" W, a distance of 9.56 feet to a point of curvature marked by a set rebar with cap "PS 11993";

Thence along a curve to the left, having a radius of 30.00 feet, an arc length of 47.12 feet, a delta angle of 90°00'00", and a chord of S 48°24'56" W, a distance of 42.43 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence N 86°35'04" W, a distance of 152.00 feet to a point of curvature marked by a set rebar with cap "PS 11993";

Thence along a curve to the left, having a radius of 30.00 feet, an arc length of 47.12 feet, a delta angle of 90°00'00", and a chord of N 41°35'04" W, a distance of 42.43 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence N 05°19'12" E, a distance of 180.10 feet to a point of curvature marked by a set rebar with cap "PS 11993";

Thence along a non-tangent curve to the left, having a radius of 30.00 feet, an arc length of 44.13 feet, a delta angle of 84°17'22", and a chord of N 51°16'15" E, a distance of 40.28 feet to a point of reverse curvature marked by a set rebar with cap "PS 11993";

Thence along a curve to the right, having a radius of 1,176.00 feet, an arc length of 1,078.62 feet, a delta angle of 52°33'01", and a chord of N 35°23'35" E, a distance of 1,042.11 feet to a point of reverse curvature marked by a set rebar with cap "PS 11993";

Thence along a curve to the left, having a radius of 1,036.00 feet, an arc length of 853.83 feet, a delta angle of 52°45'04", and a chord of N 35°21'01" E, a distance of 824.49 feet to a point of tangency, marked by a set rebar with cap "PS 11993";

Thence N 08°58'30" E, a distance of 255.51 feet to a point of curvature marked by a set rebar with cap "PS 11993";

Thence along a curve to the left, having a radius of 30.00 feet, an arc length of 47.12 feet, a delta angle of 90°00'00", and a chord of N 36°01'30" W, a distance of 42.43 feet to a point of tangency, marked by a set rebar with cap "PS 11993";

Thence N 81°01'30" W, a distance of 106.67 feet to a point of curvature marked by a set rebar with cap "PS 11993";

Thence along a curve to the right, having a radius of 8,090.00 feet, an arc length of 953.84 feet, a delta angle of 06°45'21", and a chord of N 77°38'51" W, a distance of 953.28 feet to a point of reverse curvature marked by a set rebar with cap "PS 11993";

Thence along a curve to the left, having a radius of 8,910.00 feet, an arc length of 1,275.18 feet, a delta angle of 08°12'00", and a chord of N 78°02'59" W, a distance of 1,274.09 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence N 09°50'03" E, a distance of 1,353.46 feet to the northwest corner of described tract marked by a set rebar with cap "PS 11993";

Thence N 76°13'56" E, a distance of 2,279.05 feet to an angle point lying on the south boundary line of the Petroglyph National Monument, marked by a set rebar with cap "PS 11993", from whence a tie to N.G.S. Monument "Andy 1973" bears N 79°51'11" E, a distance of 1,196.56 feet;

Thence continuing along the said south boundary of the Petroglyph National Monument for the next 14 courses, S 48°21'37" E, a distance of 1,000.000 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence S 89°40'19" E, a distance of 1,841.36 feet to an angle point marked by a found Bureau of Land Management Brass Cap marked "PNM AP 18, 1990";

Thence N 00°19'00" E, a distance of 1,914.14 feet to an angle point marked by a found Bureau of Land Management Brass Cap marked "PNM AP 18 BIS 17, 1990";

Thence N 00°17'49" E, a distance of 1,566.19 feet to an angle point marked by a found Bureau of Land Management Brass Cap marked "PNM AP 17, 1990";

Thence S 89°41'00" E, a distance of 435.53 feet to an angle point marked by a found Bureau of Land Management Brass Cap marked "PNM AP 16, 1990";

Thence N 00°19'03" E, a distance of 300.15 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence S 89°42'59" E, a distance of 399.88 feet to an angle point marked by a found Bureau of Land Management Brass Cap marked "PNM AP 14, 1990";

Thence N 00°15'44" E, a distance of 199.93 feet to an angle point marked by a found Bureau of Land Management Brass Cap marked "PNM AP 13, 1990", from whence a tie to A.C.S. Monument "BH-41 1979" bears N 61°33'34" E, a distance of 1,607.52 feet;

Thence N 89°41'46" E, a distance of 2,350.83 feet to an angle point marked by a found Bureau of Land Management Brass Cap marked "PNM AP 12, 1990";

Thence N 01°30'54" W, a distance of 500.16 feet to an angle point marked by a found Bureau of Land Management Brass Cap marked "PNM AP 11, 1990", from whence a tie to A.C.S. Monument "BH-41 1979" bears S 63°16'23" W, a distance of 856.85 feet;

Thence N 88°32'42" E, a distance of 629.36 feet to an angle point marked by a found rebar with cap "LS 6544"Bureau of Land Management Brass Cap marked "PNM AP 10, 1990";

Thence N 82°21'12" E, a distance of 672.32 feet to an angle point marked by a found Bureau of Land Management Brass Cap marked "PNM AP 9, 1990";

Thence S 86°54'32" E, a distance of 1,208.59 feet to the point of beginning containing 1,609.3929 acres more or less, less than and excepting the following described parcels;

Exception 1
[illegible] of Atrisco Tract 7, Petroglyph Site, Albuquerque, New Mexico, as the same is shown and designated on said Plat, filed in the Office of the County Clerk of Bernalillo County, New Mexico on December 13, 1999 in Map Book 99C, Folio 333, containing 6.0541 acres more or less.

Exception 2
Tract lettered "B" of The Crossing, Albuquerque, New Mexico, as the same is shown and designated on said plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on September 08, 1998 in Map Book 98C, Folio 302, containing 48.7315 acres more or less.

Exception 3
A tract of land comprising of the remaining portions of Tracts 83, 84, and 85, allotted from the Town of Atrisco Grant, as the same are shown and designated on the plat thereof, filed in the Office of the County Clerk of Bernalillo County, New Mexico on December 5, 1916 and being more particularly described as follows:

Beginning at the Northeast corner of the tract herein described from whence a tie to NMSHTD Monument "I-40-204" bears S 40°59'56" E, a distance of 1,097.19 feet;

Thence from said beginning point, S 42°25'07" W a distance of 273.82 feet to an angle point marked by a found marked by a right of way marker "Sta. 30+91.81";

Thence S 26°54'34" W, a distance of 930.57 to the Southeast corner of said tract marked by a found number 5 rebar;

Thence N 89°21'06" W, a distance of 47.31 feet to the Southwest corner of said tract marked by a set rebar with cap "PS 11993";

Thence N 00°38'45" E, a distance of 1035.42 feet to the Northwest corner of said tract marked by a set rebar with cap "PS 11993";

Thence S 89°20'38" E, a distance of 644.84 feet to the point of beginning, containing 7.3964 acres, more or less.

Bulk Land Plat of

Westland North

Albuquerque, Bernalillo County, New Mexico
July 2000

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Judy D. Woodward Bern. Co. PLAT R 117.00 $5-2000 Pg-316
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Exception 4
A tract of land comprising of Tracts 1 and 2 of Gurule Estates, as the same are shown and designated on the plat thereof, filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 17, 1976, in Volume C11, Folio 60, together with four undesignated tracts of land as described in the following documents:

Quitclaim Deed (08/10/78, Doc. No. 81425,39)
Quitclaim Deed (07/18/80, Doc. No. 8527961)
Disclaimer (08/14/85, Book 8814, Pg. 537)
Warranty Deed (09/10/96, Bk. 96-24, Pg. 8237)

Said tract being more particularly described as follows:

Beginning at the Southwest corner of the tract herein described , marked by a set rebar with cap "PS 11993", from whence a tie to N.G.S. Monument "RENARD" bears S 54°42'05" W, a distance of 2,361.83 feet;

Thence from said beginning point, N 15°20'30" W a distance of 1,361.45 feet to the Northwest corner of said tract marked by a set rebar with cap "PS 11993";

Thence S 89°59'57" E, a distance of 286.32 feet to an angle point marked by a set rebar with cap "PS 11993";

Thence S 00°36'34" W, a distance of 6.89' feet to an angle point marked by a set rebar with cap "PS 11993";

Thence S 89°21'06" E, a distance of 520.28 feet to the northeast corner of described tract marked by a set rebar with cap "PS 11993";

Thence S 15°20'06" E, a distance of 1,347.56 feet to the southeast corner of said tract marked by a set rebar with cap "PS 11993";

Thence S 89°57'54" W, a distance of 804.67 feet to the point of beginning, containing 24.1375 acres, more or less.

Exception 5
An undesignated tract of land as described in Warranty Deed recorded in the office of the County Clerk of Bernalillo County, New Mexico on January 30, 1997 as Document number 97043091, being more particularly described as follows:

Beginning at the northwest corner of the tract herein described, lying on the proposed south right of way line of Loders Drive, N.W., marked by a set rebar with cap "PS 11993", from whence a tie to N.G.S. Monument "REWARD" bears N 15°20'22" W a distance of 1,361.44 feet;

Thence from said beginning point, along a non-tangent curve to the right, having a radius of 727.05 feet, an arc length of 9.15 feet, a delta angle of 00°43'17" and a chord of N 89°43'02" E, a distance of 9.15 feet to a point of tangency, marked by a set rebar with cap "PS 11993";

S 89°56'57" E a distance of 157.12 feet to the northeast corner of said tract marked by a set rebar with cap "PS 11993";

Thence leaving said proposed south right of way line, S 15°20'22" E, a distance of 1,361.55 feet to the southeast corner of said tract marked by a set rebar with cap "PS 11993";

Thence N 89°57'34" W, a distance of 166.26 feet to the southwest corner of said tract, marked by a set rebar with cap "PS 11993";

Thence N 15°20'22" W, a distance of 1,361.61 feet to the point of beginning containing 5.0126 acres, more or less.

Exception 6
A tract of land comprising of the remaining northerly portions of Lots numbered 10, 11, 12, and 13, Row Four, Tracts Allotted from the Town of Atrisco Grant, as the same are shown and designated on an unrecorded plat, being more particularly described as follows:

Beginning at the Northeast corner of the tract herein described from whence a tie to N.G.S. Monument "REWARD" bears N 40°50'30" E, a distance of 2,009.32 feet;

Thence from said beginning point, along said north right of way line, S 58°49'08" W a distance of 777.83 feet to the southwest corner of said tract marked by a set rebar with cap "PS 11993";

Thence leaving said north right of way line, N 14°56'52" W a distance of 217.01 feet to the northwest corner of said tract marked by a set rebar with cap "PS 11993";

Thence N 75°01'08" E, a distance of 746.94 feet to the point of beginning, containing 1.8606 acres, more or less.

Exception 7
A tract of land comprising of portions of undesignated and un-platted tracts of land as described in the following documents:
Quitclaim Deed from Westland Development Co. to AMAFCA (08/29/97, 97-26, Doc. No. 83502)
Warranty Deed from Tafoya to the City of Albuquerque (11/14/97, Bk. 9735, Pg. 8945, Doc. No. 97102025)

Said tract being more particularly described as follows:

Beginning at a point on the north right of way line of Interstate 40, marked by a found right of way marker, from whence a tie to ACS Monument "I-40-204" bears N 36°49'23" E, a distance of 2,725.75 feet;

Thence from said beginning point, along said north right of way line, S 58°49'15" W a distance of 955.06 feet to the southwest corner of said tract marked by a set rebar with cap "PS 11993";

Thence leaving said north right of way line, N 15°18'02" W, a distance of 103.85 feet to the northwest corner of said tract marked by a set rebar with cap "PS 11993";

Thence N 58°49'08" E, a distance of 484.51 feet to an angle point of said tract marked by a set rebar with cap "PS 11993";

Thence N 00°23'41" E, a distance of 10.65 feet to an angle point of said tract marked by a set rebar with cap "PS 11993";

Thence N 83°50'29" E, a distance of 19.71 feet to an angle point of said tract marked by a set rebar with cap "PS 11993";

Thence N 58°49'08" E, a distance of 1,070.65 feet to the northeast corner of said tract marked by a set rebar with cap "PS 11993";

Thence S 00°43'54" W, a distance of 8.02 feet to the southeast corner of said tract, being a point of curvature lying on the north right of way line of Interstate 40;

Thence along a non-tangent curve to the right, having a radius of 2,291.84 feet, an arc length of 656.15 feet and a chord of S 50°37'40" W, a distance of 653.81 feet, to the point of beginning, containing 3.1893 acres, more or less.

Exception 8
A tract of land designated as NM3YD right of way Tract E-1-23-EL, as the same is designated in the Second District Court Judgment, filed July 7, 1974, in Book Misc. 375, Pg. 991-996, being more particularly described as follows:

Beginning at a point on the northwesterly right of way line of Interstate 40, marked by a found No. 5 rebar, from whence a tie to ACS Monument "I-40-204" bears N 79°35'47" E, a distance of 1,383.97 feet;

Thence from said beginning point, along said northwesterly right of way line, S 26°54'34" W, a distance of 255.01 feet to a point of curvature;

Thence along a curve to the right, having a radius of 2,291.84 feet, an arc length of 116.46 feet and a chord of S 28°21'58" W, a distance of 116.45 feet to the southerly most point of said tract;

Thence leaving said north right of way line, N 00°43'54" E, a distance of 331.77 feet to the northwest corner of said tract;

Thence S 89°21'06" E, a distance of 166.51 feet to the point of beginning, containing 0.6441 acres, more or less;

Said Eight exceptions containing 98.0479 acres more or less, leaving a net acreage of 1,511.3450 acres more or less.

Westland Development Co., Inc.

PRECISION SURVEYS, INC.
8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900

Project No. 1000570

Sheet 2A of 23

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SHEET 2A OF 21 CPN. 650282

SCANNED BY
MESA REPRO

Bulk Land Plat of

Westland North

Albuquerque, Bernalillo County, New Mexico
July 2000

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Judy D. Woodward Bern. Co. PLAT R 117.00 B8-2000C Pg-316

A.M.A.F.C.A. Easement Grant Language

GRANTING TO THE ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY (AMAFCA), ITS SUCCESSORS AND ASSIGNS, OF LANDS, RIGHTS OF WAY AND EASEMENTS DESIGNATED HEREIN IS WITH THE FULL AND FREE CONSENT AND IN ACCORDANCE WITH THE DESIRE OF THE UNDERSIGNED OWNER, GRANTOR. THIS DEDICATION IS FOR DRAINAGE, FLOOD CONTROL, CONVEYANCE AND STORAGE OF STORM WATER, AND THE CONSTRUCTION, OPERATION, MAINTENANCE, RECONSTRUCTION OR REPLACEMENT OF, AND ACCESS TO, SUCH FACILITIES, AND FOR APPROPRIATE RECREATIONAL USE AND ACCESS ON SUCH FACILITIES. EXCEPT BY THE WRITTEN APPROVAL OF AMAFCA, NO FENCE, WALL, BUILDING, OR OTHER OBSTRUCTION MAY BE PLACED OR MAINTAINED IN SAID EASEMENTS, AND THERE SHALL BE NO ALTERATION OF THE GRADES OR CONTOURS IN SAID EASEMENT. THE GRANTING OF EASEMENTS SHALL NOT OBLIGATE AMAFCA TO MAINTAIN ANY ARROYOS, DRAINAGE CHANNELS OR OTHER FACILITIES, NOR SHALL THIS GRANTING REQUIRE THE PROTECTION OF PROPERTY. AMAFCA SHALL ONLY MAINTAIN PROPERTY OR IMPROVEMENTS THAT IT SPECIFICALLY AGREES, IN WRITING, TO MAINTAIN. UNLESS GRANTEE SPECIFICALLY AGREES, BY SUCH WRITTEN AGREEMENT, TO MAINTAIN PROPERTY OR IMPROVEMENTS, SUCH MAINTENANCE RESPONSIBILITY SHALL REMAIN WITH THE GRANTOR, ITS SUCCESSORS OR ASSIGNS. LANDSCAPING OR MAINTENANCE WORK, BY THE GRANTOR AND WITHIN THE EASEMENT HEREBY CONVEYS, SHALL NOT ALTER THE PRESENT FLOW LINE, CAPACITY OR PERMEABILITY OF THE PRESENT FLOOD WAY AREA EXCEPT IN AN EMERGENCY. IF EMERGENCY WORK IS PERFORMED, GRANTOR SHALL NOTIFY AMAFCA AS SOON AS PRACTICAL THEREAFTER. AMAFCA WILL THEN DETERMINE IF THE EMERGENCY WORK CAN REMAIN OR MUST BE REMOVED OR MODIFIED. SAFE LOCATIONS FOR STRUCTURES BUILT ON LANDS ADJACENT TO THE REAL PROPERTY HEREIN MAY BE SUBSTANTIALLY OUTSIDE OF THE AREA DESCRIBED HEREIN. ANY PORTION OF ANY LANDS, RIGHT OF WAY OR EASEMENTS GRANTED HEREIN SHALL REVERT TO THE GRANTOR, ITS SUCCESSORS OR ASSIGNS, AS AND TO THE EXTENT SAID PORTION IS DECLARED UNNECESSARY FOR FLOOD CONTROL OR DRAINAGE BY THE BOARD OF DIRECTORS OF AMAFCA. ANY REVERSION SHALL BE CONVEYED BY QUITCLAIM DEED.

Notes:

1. MISC. DATA: ZONING RR, TC, R SU-PDA, O-1, & OS
2. BEARINGS SHOWN ARE GRID BEARINGS (NEW MEXICO STATE PLANE CENTRAL ZONE – NAD 1983).
3. ALL DISTANCES ARE GROUND DISTANCES–US SURVEY FOOT.
4. THIS PROPERTY LIES WITHIN PROJECTED SECTIONS 7, 8, 9, 16, 17, 18, 19 & 20, TOWNSHIP 10 NORTH, RANGE 2 EAST, TOWN OF ATRISCO GRANT, N.M.P.M., CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.
5. THE PURPOSE OF THIS PLAT IS TO PLAT THE EXISTING UN-PLATTED LANDS INTO 11 NEW PARCELS, VACATE RIGHT OF WAY & AN EASEMENT, GRANT EASEMENTS AND DEDICATE RIGHT OF WAY.
6. PLAT SHOWS ALL EASEMENTS OF RECORD.
7. TALOS LOG NO: 0006020940195.

Subdivision Data:

NET SUBDIVISION ACREAGE: 1,511.3450 ACRES±
ZONE ATLAS INDEX NO: H-7, H-8, H-9, J-7, J-8, J-9, & K-7
NO. OF PARCELS CREATED: 11
NO. OF LOTS CREATED: 0
MILES OF FULL-WIDTH STREETS CREATED: 7.2909
DATE OF SURVEY: NOVEMBER 1999 THROUGH MARCH 2000

NOTE

Pursuant to Section 7 of the City of Albuquerque, New Mexico subdivision ordinance, a variance or waiver from certain subdivision requirements has been granted by the City and the Albuquerque Metropolitan Arroyo Flood Control Authority in connection with this plat.

Future subdivision of lands within this plat, zoning site development plan approvals and development permits may be conditioned upon dedication of rights-of-way and easements and/or upon infrastructure improvements by the owner for water, sanitary sewer, streets, drainage, grading and parks in accordance with current resolutions, ordinances and policies in effect at the time for any specific proposal.

The City (and AMAFCA with reference to drainage) may require and/or permit easements to be added, modified or removed when future plats and/or site development plans are approved.

By its approval, the City makes no representation or warranties as to availability of utilities, or final approval of all requirements including (but not limited to) the following items:

1. Water and sanitary sewer availability
2. Future street dedications and/or improvements
3. Park and open space requirements
4. Drainage requirements and/or improvements
5. Excavation, filling or grading requirements

Any person intending development of lands within this subdivision is cautioned to investigate the status of these items.

At such time as all such conditions have been satisfactorily met, the City Engineer shall approve a re-cordable document, removing such conditions from all or from a portion of the area within the subject subdivision.

Qwest Corporation

QWEST CORPORATION DOES HEREBY RELEASE, WAIVE, QUITCLAIM AND DISCHARGE ITS RIGHT, TITLE AND INTEREST IN THE EASEMENT GRANTED BY DOCUMENT RECORDED IN BOOK 112, PAGE 290, RECORDS OF BERNALILLO COUNTY, NEW MEXICO. (BLANKET AT&T EASEMENT –NOT PLOTTABLE).

QWEST CORPORATION

BY: _____

STATE OF NEW MEXICO
COUNTY OF BERNALILLO SS

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS 19 DAY OF December 2000.

BY Jamal Mattingly OF QWEST CORPORATION, ON BEHALF OF SAID CORPORATION.

Pamelyn J Pena
NOTARY PUBLIC

MY COMMISSION EXPIRES: 1-23-2003

Area Table

Gross Area	1,609.3929
Exception 1	6.0632
Exception 2	49.7315
Exception 3	7.4090
Exception 4	24.1375
Exception 5	5.0126
Exception 6	1.8606
Exception 7	3.1888
Exception 8	0.6447
Net Area	1,511.3450
Parcel A	529.9738
Parcel B	29.1793
Parcel C	181.2936
Parcel D	149.0255
Parcel E	32.2165
Parcel F	90.3782
Parcel G	43.95
Parcel H	14.2489
Parcel I	218.8523
Parcel J-1	50.7881
Parcel J-2	39.3136
Right of Way	130.9293

UPC Table

WDC OWNED PROPERTY FOR BULK LAND PLAT

ZONE ATLAS	UPC#
K-07	1 007 057 261 398 20120
K-07	1 007 057 513 240 40802
K-08	1 008 057 018 254 30903
K-08	1 008 057 038 263 30904
K-08	1 008 057 057 271 30905
K-08	1 008 057 082 290 20501
K-08	1 008 057 168 441 20313
K-08	1 008 057 194 338 20603
J-07	1 007 056 262 264 10144
J-08	1 008 058 160 264 10101
J-08	1 008 058 170 263 20145
J-09	1 009 058 165 411 20140
J-09	1 009 058 174 193 30707
J-09	1 009 058 190 113 30401
J-09	1 009 058 229 193 30703
J-09	1 009 058 286 296 40404
J-09	1 009 058 360 306 10601
J-09	1 009 058 394 191 30704
J-09	1 009 058 259 200 40701
J-09	1 009 058 300 212 40401
J-09	1 009 058 315 227 40405
J-09	1 009 058 340 239 40402
H-07	1 007 056 171 152 30142
H-08	1 008 059 312 206 10140
H-08	1 008 059 193 236 40101
H-09	1 009 059 033 146 30101
H-09	1 009 059 122 372 20143

Easements

THIS PLAT SHOWS EXISTING RECORDED AND APPARENT EASEMENTS AS NOTED.

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

1. PNM ELECTRIC SERVICES FOR INSTALLATION, MAINTENANCE, AND SERVICE OF UNDERGROUND ELECTRICAL LINES, COMMUNICATION FACILITIES, TRANSFORMERS, POLES AND ANY OTHER EQUIPMENT, FIXTURES, STRUCTURES AND RELATED FACILITIES REASONABLY NECESSARY TO PROVIDE ELECTRICAL SERVICE.
2. PNM GAS SERVICES FOR INSTALLATION, MAINTENANCE, AND SERVICE OF NATURAL GAS LINES, VALVES AND OTHER EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE NATURAL GAS.
3. QWEST CORPORATION FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF ALL UNDERGROUND COMMUNICATION LINES AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE COMMUNICATION SERVICES, INCLUDING BUT NOT LIMITED TO ABOVE GROUND PEDESTALS AND CLOSURES.
4. COMCAST CABLE FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF SUCH LINES, CABLE, AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE CABLE TV 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 EASEMENTS, 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, POOL (ABOVEGROUND OR SUBSURFACE), HOT TUB, CONCRETE OR WOOD POOL DECKING, 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 OR POOLS, DECKING, OR ANY STRUCTURES ADJACENT TO WITHIN OR NEAR EASEMENTS SHOWN ON THIS PLAT.

Free Consent and Dedication

THE REPLAT SHOWN HEREON IS WITH THE FREE CONSENT AND IN ACCORDANCE WITH THE DESIRES OF THE UNDERSIGNED OWNER AND/OR PROPRIETOR. EXISTING PUBLIC UTILITY EASEMENTS SHOWN HEREON FOR THE COMMON AND JOINT USE OF GAS, ELECTRICAL POWER AND COMMUNICATION SERVICES FOR BURIED AND/OR OVERHEAD DISTRIBUTION LINES, CONDUITS, AND PIPES FOR UNDERGROUND 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 AND/OR PROPRIETOR DOES HEREBY CERTIFY THAT THIS SUBDIVISION IS THEIR FREE ACT AND DEED. SAID OWNER AND/OR PROPRIETOR DOES HEREBY GRANT EASEMENT FOR UTILITIES AS SHOWN HEREON WITH SAME STIPULATIONS AS LISTED ABOVE FOR EXISTING UTILITIES. SAID OWNER AND/OR PROPRIETOR DOES HEREBY DEDICATE ALL STREETS AND PUBLIC RIGHTS OF WAY SHOWN HEREON TO THE CITY OF ALBUQUERQUE IN FEE SIMPLE WITH WARRANTY COVENANTS. SAID OWNER AND/OR PROPRIETOR DOES HEREBY GRANT THE DRAINAGE AND FLOOD PLAIN EASEMENTS SHOWN HEREON WITH THE STIPULATIONS LISTED ABOVE.

_____ 7/11/00
LEROY J. CHAVEZ DATE
VICE PRESIDENT OF DEVELOPMENT– WESTLAND DEVELOPMENT CO., INC.

Acknowledgement

OFFICIAL SEAL
DEBIE LEBLANC TRUJILLO
NOTARY PUBLIC-STATE OF NEW MEXICO
My commission expires 10-26-2002

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO)

THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS 11 DAY OF July 2000, BY LEROY J. CHAVEZ, VICE PRESIDENT OF DEVELOPMENT– WESTLAND DEVELOPMENT CO., INC.

BY Debie LeBlanc Trujillo NOTARY PUBLIC MY COMMISSION EXPIRES: October 26, 2002

Westland Development Co., Inc.

PRECISION SURVEYS, INC.

8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900

Project No. 1000570

Sheet 2B of 23

G:\PLATS\1999\WESTLND\99719BP2.DWG Wed Dec 13 16:58:15 2000

Bulk Land Plat of

Westland North

Albuquerque, Bernalillo County, New Mexico
July 2000

200012714G
Page 4 of 23
12/27/2000 11:18A
Judy D. Woodward Bern. Co. PLAT R 117.00 B8-2000C Pg-316

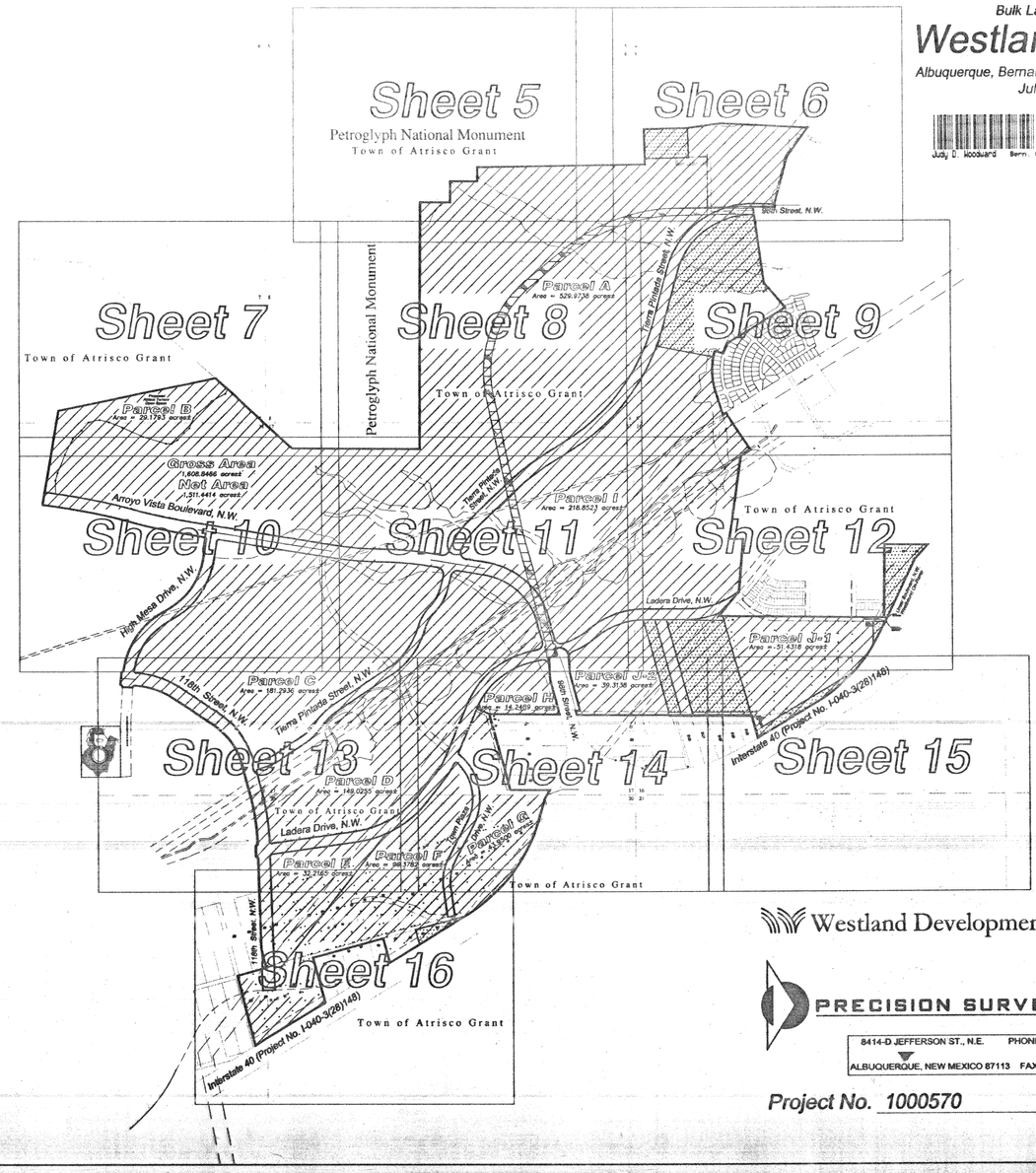
GRAPHIC SCALE

1000 0 500 1000 2000 4000

(IN FEET)
1 inch = 1000 ft.

Legend

- DENOTES LOT LINES ELIMINATED BY THIS PLAT
- DENOTES AREA OF BULK LAND PLAT
- DENOTES PART OF ANNEXATION (AX-99-2), BUT NOT A PART OF THIS PLAT (EXCEPTED PARCELS)
- DENOTES EXISTING 98TH STREET R.O.W. VACATED BY THIS PLAT (00410-00000-00753 (VRW))



RECORD DRAWING

Westland Development Co., Inc.

PRECISION SURVEYS, INC.

8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900

Project No. 1000570

Sheet 3 of 23

Note:

THIS BULK LAND PLAT INCLUDES EXISTING EASEMENTS FOR THE A.M.A.F.C.A. LADERA STORM DRAINAGE FACILITY AS DETAILED ON SHEETS 17 THROUGH 21.

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SHEET 2B OF 21 CPN 650282

SCANNED BY
MESA REPRO

Bulk Land Plat of

Westland North

Albuquerque, Bernalillo County, New Mexico
July 2000

20001127146
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Judy D. Woodward Bern. Co. PLAT R 117.00 Bk-2000C Pg-316

GRAPHIC SCALE
(IN FEET)
1 inch = 1000 ft.

Petroglyph National Monument
Town of Atrisco Grant

A.C.S. MONUMENT "BH-41 1978"
STANDARD BRASS TABLET
(FOUND IN PLACE)
NEW MEXICO STATE PLANE
COORDINATES
(CENTRAL ZONE--N.A.D. 1927)
X=351,455.56
Y=1,496,546.13
GROUND TO GRID FACTOR=0.99960704
DELTA ALPHA ANGLE=-01°17'08"

A.C.S. MONUMENT "2HBY 1937"
STAMPED KBP BRASS TABLET
STAMPED IN PLACE
NEW MEXICO STATE PLANE
COORDINATES
(CENTRAL ZONE--N.A.D. 1927)
X=347,272.61
Y=1,483,629.17
GROUND TO GRID FACTOR=0.99956057
DELTA ALPHA ANGLE=-01°17'36"

2 NGS MONUMENT "ANDY"

Parcel A
Parcel B
Parcel C
Parcel D
Parcel E
Parcel F
Parcel G
Parcel H
Parcel I
Parcel J-1
Parcel J-2

Town of Atrisco Grant

Arroyo Vista Boulevard
High Mesa Drive, N.W.
116th Street, N.W.
Terra Pintada Street, N.W.
Ladera Drive, N.W.
Interstate 40 (Project No. I-040-3(28)146)

A.C.S. MONUMENT "1-40-204"
STANDARD NMSHC BRASS TABLET
(FOUND IN PLACE)
NEW MEXICO STATE PLANE
COORDINATES
(CENTRAL ZONE--N.A.D. 1927)
X=356,826.15
Y=1,480,184.97
GROUND TO GRID FACTOR=0.9996763
DELTA ALPHA ANGLE=-0°16'30"

A.C.S. MONUMENT "REWARD"
STANDARD N.G.S. BRASS TABLET
(FOUND IN PLACE)
NEW MEXICO STATE PLANE
COORDINATES
(CENTRAL ZONE--N.A.D. 1927)
X=352,760.42
Y=1,487,767.42
GROUND TO GRID FACTOR=0.99967114
DELTA ALPHA ANGLE=-01°11'

A.C.S. MONUMENT "1-40-274"
STANDARD NMSHC BRASS TABLET
(FOUND IN PLACE)
NEW MEXICO STATE PLANE
COORDINATES
(CENTRAL ZONE--N.A.D. 1927)
X=349,286.81
Y=1,485,578.78
GROUND TO GRID FACTOR=0.9996703
DELTA ALPHA ANGLE=-01°12'27"

Legend

- ACS/NGS MONUMENT
- NMSHTD R/W MARKER
- CONTROL/PANEL POINT
- POINT NUMBER--SEE TABLE AT LEFT FOR COORDINATES
- B.L.M. BRASS CAP

SURVEY CONTROL MAP

Westland Development Co., Inc.

PRECISION SURVEYS, INC.
8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900

Project No. 1000570

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Bulk Land Plat of

Westland North

Albuquerque, Bernalillo County, New Mexico
July 2000

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Judy D. Woodward Bern. Co. PLAT R 117.00 Bk-2000C Pg-316

GRAPHIC SCALE
(IN FEET)
1 inch = 200 ft.

Projected Section Line

5
8

Legend

- DENOTES FOUND AND USED ALBUQUERQUE CONTROL SURVEY OR NATIONAL GEODETIC SURVEY MONUMENT
- DENOTES FOUND BOUNDARY MARKER AS NOTED
- DENOTES FOUND AND USED BUREAU OF LAND MANAGEMENT BRASS CAP
- DENOTES FOUND N.M. STATE HIGHWAY AND TRANSPORTATION DEPARTMENT RIGHT OF WAY MARKER
- DENOTES REBAR WITH CAP "PS 11993" SET THIS SURVEY
- DENOTES LOT LINES ELIMINATED BY THIS PLAT
- DENOTES PART OF ANNEXATION (AX--99--2), BUT NOT A PART OF THIS PLAT (EXCEPTED PARCELS)
- DENOTES EXISTING 98TH STREET R.O.W. VACATED BY THIS PLAT (00450--00000--00753 (WRW)

Petroglyph National Monument

Town of Atrisco Grant

Matchline- See Sheet 6

A.C.S. MONUMENT "BH-41 1978"
STANDARD BRASS TABLET
(FOUND IN PLACE)
NEW MEXICO STATE PLANE
COORDINATES
(CENTRAL ZONE--N.A.D. 1927)
X=351,455.56
Y=1,496,546.13
GROUND TO GRID FACTOR=0.99960704
DELTA ALPHA ANGLE=-01°17'08"

N 89°04'46" E
1607.55'
N 84°33'43" E

N 00°15'44" E
199.93'

399.88'
S 89°42'59" E

FOUND BLM BRASS CAP AP 14

N 00°19'03" E
300.15'

435.53'
S 89°41'00" E
367.36'

FOUND BLM BRASS CAP AP 17

FOUND BLM BRASS CAP AP 18

1586.19'

TEMPORARY FLOOD PLAIN EASEMENT GRANTED TO A.M.A.F.C.A. BY THIS PLAT

TEMPORARY FLOOD PLAIN EASEMENT GRANTED TO A.M.A.F.C.A. BY THIS PLAT

Matchline- See Sheet 8

RECORD DRAWING

Key Map

Westland Development Co., Inc.

PRECISION SURVEYS, INC.
8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900

Project No. 1000570

Sheet 5 of 23

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MESA REPRO

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Judy D. Woodward Bern. Co. FLAT R 117.00 B: 2006C Pg: 316

Bulk Land Plat of

Westland North

Albuquerque, Bernalillo County, New Mexico
July 2000

Petroglyph National Monument

Town of Atrisco Grant

GRAPHIC SCALE
200 0 100 200 400 600
(IN FEET)
1 inch = 200 ft.

Matchline- See Sheet 5

Matchline- See Sheet 9

Projected Section Line

Key Map

Legend

- DENOTES FOUND AND USED ALBUQUERQUE CONTROL SURVEY OR NATIONAL GEODETIC SURVEY MONUMENT
- DENOTES FOUND BOUNDARY MARKER AS NOTED
- DENOTES FOUND AND USED BUREAU OF LAND MANAGEMENT BRASS CAP
- DENOTES FOUND N.M. STATE HIGHWAY AND TRANSPORTATION DEPARTMENT RIGHT OF WAY MARKER
- DENOTES REBAR WITH CAP "PS 11993" SET THIS SURVEY
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- DENOTES PART OF ANNEXATION (AX-99-2), BUT NOT A PART OF THIS PLAT (EXCEPTED PARCELS)
- DENOTES EXISTING 98TH STREET R.O.W. VACATED BY THIS PLAT (00410-00000-00753) (WRW)

EXCEPTION 1
6.0641 acres
TRACT A
COLLEGE ZONE 2
WEST RESERVOIR SITE
(12/13/99, 99C-333)

Tierra Pintada Street, N.W.

98th Street, N.W.
(108' R.O.W.)

PARKWEST, UNIT 5
(11/30/95, 95C-429)

PARKWEST, UNIT 3
(02/23/95, 95C-65)

LADERA CHANNEL

GARDENBROOK PLACE, N.W.

BALLSTREAM PLACE, N.W.

WEDGEWOOD AVENUE, N.W.

BLOCK 7

REALIGNMENT PLAT OF OURAY/98th STREET (03/01/84, C23-74)

Point of Beginning for Legal Description

TEMPORARY FLOOD PLAIN EASEMENT GRANTED TO A.M.A.F.C.A. BY THIS PLAT

EXISTING TEMPORARY DRAINAGE EASEMENT (11/10/86, DOC. 88101448)

EXISTING TEMPORARY DRAINAGE EASEMENT (12/30/94, DOC. 94150783)

EXISTING 10' PRIVATE DRAINAGE EASEMENT ALONG ALL SIDE LOT LINES IN PARKWEST, UNIT 3 (02/23/95, 95C-65)

EXISTING 10' PUBLIC UTILITY EASEMENT (03/16/87, C33-34)

EXISTING 10' PNM AND MSTBT EASEMENT (12/09/86, BK. MS. B17, PG. 339, DOC. 86-70840) ACTUAL RELINQUISHMENT OF EASEMENT OCCURS AUTOMATICALLY WHEN THE EXISTING OVERHEAD POWERLINE IS REMOVED, RELOCATED, AND PLACED IN SERVICE IN ACCORDANCE WITH PNM SPECIFICATIONS AT THE PROPERTY OWNER'S EXPENSE (GROSS HATCHED AREA).

EXISTING CITY OF ALBUQUERQUE WATERLINE AND RIGHT OF WAY EASEMENT (11/29/79, DOC. 7986974)

10' PUBLIC UTILITY EASEMENT GRANTED BY THIS PLAT

50' EXCLUSIVE WATER AND SEWER EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY THIS PLAT

65' EXCLUSIVE WATER AND SEWER EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY THIS PLAT

ANCHOR EASEMENT

CENTERLINE EASEMENT

DETAIL "A" N.T.S.

DETAIL "B" N.T.S.

DETAIL "C" N.T.S.

TRACT "J" THE CROSSING (07/09/96, 96C-302)

N.M.S.H.C. MONUMENT "I-40-204" STANDARD N.M.S.H.C. BRASS TABLET (FOUND IN PLACE) NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE--N.A.D. 1927) X=356,926.16 Y=1,480,199.97 GROUND TO GRID FACTOR=0.9996763 DELTA ALPHA ANGLE=-0°16'30"

ACS MONUMENT 8H--41

Westland Development Co., Inc.

PRECISION SURVEYS, INC.

8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900

Project No. 1000570

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Judy D. Woodland Bern. Co. FLAT R 117.00 B: 2006C Pg: 316

Bulk Land Plat of

Westland North

Albuquerque, Bernalillo County, New Mexico
July 2000

Petroglyph National Monument

Town of Atrisco Grant

GRAPHIC SCALE
200 0 100 200 400 600
(IN FEET)
1 inch = 200 ft.

Matchline- See Sheet 8

Matchline- See Sheet 10

Projected Section Line

Key Map

Legend

- DENOTES FOUND AND USED ALBUQUERQUE CONTROL SURVEY OR NATIONAL GEODETIC SURVEY MONUMENT
- DENOTES FOUND BOUNDARY MARKER AS NOTED
- DENOTES FOUND AND USED BUREAU OF LAND MANAGEMENT BRASS CAP
- DENOTES FOUND N.M. STATE HIGHWAY AND TRANSPORTATION DEPARTMENT RIGHT OF WAY MARKER
- DENOTES REBAR WITH CAP "PS 11993" SET THIS SURVEY
- DENOTES LOT LINES ELIMINATED BY THIS PLAT
- DENOTES PART OF ANNEXATION (AX-99-2), BUT NOT A PART OF THIS PLAT (EXCEPTED PARCELS)
- DENOTES EXISTING 98TH STREET R.O.W. VACATED BY THIS PLAT (00410-00000-00753) (WRW)

RECORD DRAWING

UN-PLATTED LANDS
LANDS OF WESTLAND DEVELOPMENT CO., INC.

Proposed
Atrisco Terrace
Open Space
Parcel B
Area = 29.1793 acres±

N 78°19'58" E 1,353.46'

S 48°21'57" E 2,279.05'

S 89°40'19" E 1,500.00'

1,266.86'

1,172.20'

N 79°15'11" E 1196.56'

N 88°32'42" E 629.36'

N 82°21'12" E 472.32'

S 86°54'52" E 207.89'

S 00°10'34" W 2,380.63'

N 00°10'34" E 2,380.63'

S 00°19'45" E 2,380.63'

Westland Development Co., Inc.

PRECISION SURVEYS, INC.

8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900

Project No. 1000570

Sheet 7 of 23

G:\PLATS\1999\WESTLND\71990R14.DWG Thu Dec 14 08:58:54 2000

SHEET 2D OF 21 CPN 650282

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MESA REPRO

Matchline- See Sheet 5

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12/27/2006 11:18A
Judy D. Woodward Bern. Co. PLAT R 117.00 B1-2006C Pg-316

Bulk Land Plat of
Westland North
Albuquerque, Bernalillo County, New Mexico
July 2000

TEMPORARY FLOOD PLAIN EASEMENT GRANTED TO A.M.A.F.C.A. BY THIS PLAT

Legend

- DENOTES FOUND AND USED ALBUQUERQUE CONTROL SURVEY OR NATIONAL GEODETIC SURVEY MONUMENT
- DENOTES FOUND BOUNDARY MARKER AS NOTED
- DENOTES FOUND AND USED BUREAU OF LAND MANAGEMENT BRASS CAP
- DENOTES FOUND N.M. STATE HIGHWAY AND TRANSPORTATION DEPARTMENT RIGHT OF WAY MARKER
- DENOTES REBAR WITH CAP "PS 11993" SET THIS SURVEY
- DENOTES LOT LINES ELIMINATED BY THIS PLAT
- DENOTES PART OF ANNEXATION (AX-99-2), BUT NOT A PART OF THIS PLAT (EXCEPTED PARCELS)
- DENOTES EXISTING 98TH STREET R.O.W. VACATED BY THIS PLAT (00410-00000-00753 (VRW)

Key Map

Matchline- See Sheet 7

Matchline- See Sheet 9

Petroglyph National Monument

Parcel A
Area = 529.9738 acres±

N 00°17'49" E
1,914.14'

FOUND BLM BRASS CAP AP 16 AP 17

FOUND PNM MONUMENT AP 16

N 00°19'00" E
1,841.36'

REALIGNMENT PLAT OF QURAY/98th STREET (03/01/84, C23-74)

Town of Atrisco Grant

Tierra Pintada Street, N.W.

Projected Section Line

GRAPHIC SCALE
(IN FEET)
1 inch = 200 ft.

Westland Development Co., Inc.

PRECISION SURVEYS, INC.
8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900

Matchline- See Sheet 11

Project No. 1000570
Sheet 8 of 23

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10' PUBLIC UTILITY EASEMENT GRANTED BY THIS PLAT

Matchline- See Sheet 6

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Judy D. Woodward Bern. Co. PLAT R 117.00 B1-2006C Pg-316

Bulk Land Plat of
Westland North
Albuquerque, Bernalillo County, New Mexico
July 2000

EXCEPTION 2
49.7315 acres
TRACT B
THE CROSSING
(07/09/96, 96C-302)

TRACT J
THE CROSSING
(07/09/96, 96C-302)

EXISTING TEMPORARY DRAINAGE EASEMENT (03/23/93, 93-7, 2236)

EXISTING TEMPORARY AMAFCA DRAINAGE EASEMENT (09/09/96, 96C-302)

TRACT A
THE CROSSING
(07/09/96, 96C-302)

EXISTING TEMPORARY PUBLIC DRAINAGE EASEMENT (11/01/96, 96-29, 5250)

EXISTING AGREEMENT & COVENANT (11/01/96, 96-29, 5243)

EXISTING TEMPORARY PUBLIC TURNAROUND EASEMENT (09/09/96, 96C-302)

PROPOSED UNIT 2
THE CROSSING

PROPOSED UNIT 1
THE CROSSING

Legend

- DENOTES FOUND AND USED ALBUQUERQUE CONTROL SURVEY OR NATIONAL GEODETIC SURVEY MONUMENT
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- DENOTES EXISTING 98TH STREET R.O.W. VACATED BY THIS PLAT (00410-00000-00753 (VRW)

Key Map

Matchline- See Sheet 8

Tierra Pintada Street, N.W.

TEMPORARY FLOOD PLAIN EASEMENT GRANTED TO A.M.A.F.C.A. BY THIS PLAT

Projected Section Line

GRAPHIC SCALE
(IN FEET)
1 inch = 200 ft.

RECORD DRAWING

EXISTING 200' ELECTRICAL TRANSMISSION LINE EASEMENT FINAL JUDGEMENT-CNM ACTION NO. 1845, FILED MAY 14, 1952

EXISTING 30' WIDE PLAINS ELECTRIC EASEMENT (03/12/53, D-235-619)

TRACT D
THE CROSSING
(07/09/96, 96C-302)

Westland Development Co., Inc.

PRECISION SURVEYS, INC.
8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900

Matchline- See Sheet 12

Project No. 1000570
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MESA REPRO

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Judy D. Woodward Bern. Co. PLAT R 117 86 Bk-2000C Pg-316

Matchline- See Sheet 7

Bulk Land Plat of
Westland North
Albuquerque, Bernalillo County, New Mexico
July 2000

Town of Atrisco Grant

PROPOSED ATRISCO TERRACE OPEN SPACE

Arroyo Vista Boulevard, N.W.

UN-PLATTED LANDS OF WESTLAND DEVELOPMENT CO., INC.

16' PUBLIC UTILITY EASEMENT GRANTED BY THIS PLAT

TEMPORARY FLOOD PLAIN EASEMENT GRANTED TO A.M.A.F.C.A. BY THIS PLAT

10' PUBLIC UTILITY EASEMENT GRANTED BY THIS PLAT

EXISTING 30' WIDE PLAINS ELECTRIC EASEMENT (03/12/53, D-235-619)

86' WIDE TEMPORARY FLOATING ACCESS EASEMENT GRANTED BY THIS PLAT

High Mesa Drive, N.W.

Projected Section Line

Matchline- See Sheet 11

Key Map

GRAPHIC SCALE
(IN FEET)
1 inch = 200 ft.

Legend

- DENOTES FOUND AND USED ALBUQUERQUE CONTROL SURVEY OR NATIONAL GEODETIC SURVEY MONUMENT
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- DENOTES EXISTING 98TH STREET R.O.W. VACATED BY THIS PLAT (00410-00000-00753 (MRW))

Matchline- See Sheet 13

RECORD DRAWING

Westland Development Co., Inc.

PRECISION SURVEYS, INC.
8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900

Project No. 1000570
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Matchline- See Sheet 8

Bulk Land Plat of
Westland North
Albuquerque, Bernalillo County, New Mexico
July 2000

Town of Atrisco Grant

Gross Area
1,609.3929 acres±

50' WIDE FLOATING ACCESS EASEMENT FOR THE BENEFIT OF A.M.A.F.C.A. AND THE NATIONAL PARK SERVICE. MAINTENANCE RESPONSIBILITY IS WITH BENEFICIARIES

Net Area
1,511.3450 acres±

Parcel I
Area = 218.8523 acres±

Tierra Pintada Street, N.W.

REALIGNMENT PLAT OF OURAY/98th STREET (03/01/84, C23-74)

Arroyo Vista Boulevard, N.W.

TEMPORARY FLOOD PLAIN EASEMENT GRANTED TO A.M.A.F.C.A. BY THIS PLAT

EXISTING 30' WIDE PLAINS ELECTRIC EASEMENT (03/12/53, D-235-619)

10' PUBLIC UTILITY EASEMENT GRANTED BY THIS PLAT

UN-PLATTED LANDS OF WESTLAND DEVELOPMENT CO., INC.

Matchline- See Sheet 10

Key Map

86' WIDE TEMPORARY FLOATING ACCESS EASEMENT GRANTED BY THIS PLAT

Parcel D
Area = 149.0255 acres±

Tierra Pintada Street, N.W.

See Sheets 17 to 21 for AMAFCA Pond Easement Details

EXISTING 200' WIDE ELECTRIC TRANSMISSION LINE EASEMENT ACROSS PARCEL D AS SHOWN ON PLAT FILED ON MAY 14, 1952

Note:
NO VEHICLE ACCESS TO PETROGLYPH PARKWAY WILL BE ALLOWED UNLESS SPECIFICALLY APPROVED BY CITY TRAFFIC ENGINEER

ADDITIONAL RIGHT OF WAY FOR LADERA DAM NO. 5 TO BE DEDICATED AT TIME OF PLATTING OF PARCEL D

Ladera Drive, N.W.

Matchline- See Sheet 12

Matchline- See Sheets 13 & 14

Westland Development Co., Inc.

PRECISION SURVEYS, INC.
8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900

Project No. 1000570
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SHEET 2F OF 21 C.P.N. 650282

SCANNED BY
MESA REPRO

Bulk Land Plat of
Westland North
Albuquerque, Bernalillo County, New Mexico
July 2000

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Judy D. Woodward Bern. Co. PLAT R 117.00 B9-2000C Pg-316

Matchline- See Sheet 9

EXISTING 30' WIDE PLAINS ELECTRIC EASEMENT (03/12/53, D-235-619)

EXISTING 200' WIDE ELECTRIC TRANSMISSION LINE EASEMENT FINAL JUDGMENT PER CIVIL ACTION NO. 1845 FILED ON MAY 14, 1952

EXISTING 150' WIDE EL PASO ELECTRIC EASEMENT

EXISTING 150' WIDE PNM ELECTRIC EASEMENT

Coors Blvd. N.W.

Coors Vista Avenue, N.W.

UN-PLATTED LANDS OF WESTLAND DEVELOPMENT CO., INC.

Key Map

GRAPHIC SCALE
(IN FEET)
1 inch = 200 ft.

Town of Atrisco Grant

See Sheets 17 to 21 for AMAFCA Pond Easement Details

Matchline- See Sheet 11

Ladera Drive, N.W.

Legend

- DENOTES FOUND AND USED ALBUQUERQUE CONTROL SURVEY OR NATIONAL GEODETIC SURVEY MONUMENT
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- DENOTES FOUND AND USED BUREAU OF LAND MANAGEMENT BRASS CAP
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- DENOTES REBAR WITH CAP "PS 11993" SET THIS SURVEY
- DENOTES LOT LINES ELIMINATED BY THIS PLAT
- DENOTES PART OF ANNEXATION (AX-99-2), BUT NOT A PART OF THIS PLAT (EXCEPTED PARCELS)
- DENOTES EXISTING 86TH STREET R.O.W. VACATED BY THIS PLAT (00410-00000-00753) (WW)

S 89°21'27" E 178.77'

PARKWAY SUBDIVISION (6/29/95, 95C-238)

EXISTING 100' WIDE PNM EASEMENT (04/12/56, 348-43)

10' PUBLIC UTILITY EASEMENT GRANTED BY THIS PLAT

UNIT 2 PARKLAND VIEW (09/22/98, 98C-285)

TRACT C-1 PARKWAY SUBDIVISION (04/15/99, 99C-86) SCHOOL SITE

Parkland View Drive, N.W.

Springcroft Road, N.W.

TRACT A PARKLAND VIEW (04/07/98, 98C-93)

EXISTING 10' PUBLIC UTILITY EASEMENT (04/07/1998, 98C-83)

EXISTING 60' WIDE PERMANENT PUBLIC ROADWAY, PUBLIC DRAINAGE, PUBLIC WATER AND PUBLIC SANITARY SEWER EASEMENT (12/09/97, DOC. NO. 97128656, BK. 97-34, PG. 5675-5678)

EXISTING 56' WIDE PUBLIC ROADWAY, WATER AND SANITARY SEWER EASEMENT (09/29/1995, 95C-238)

Tesa Drive, N.W.

Camille Avenue, N.W.

Lyndsi Avenue, N.W.

Amy Avenue, N.W.

EXISTING 66' WIDE PUBLIC ACCESS, WATERLINE, DRAINAGE AND SANITARY SEWER EASEMENT (08/02/1995, 95C-343)

PARCEL B PARKWAY UNIT 8 (8/2/96, 96C-343)

Unser Boulevard, N.W. Westbound On-Ramp

EXCEPTION 3
7.3964 acres

TRACTS ALLOTTED FROM THE TOWN OF ATRISCO GRANT (12/5/1944, D-116)

EXCEPTION 4
24.1375 acres

EXCEPTION 5
0.1026 acres

EXCEPTION 8
0.6441 acre

Gavin Road, N.W.

LOT 1 GURULE ESTATES (04/17/1974, B11-80)

UN-PLATTED LANDS OF WESTLAND DEVELOPMENT CO., INC.

EXISTING 3' WIDE PRIVATE DRAINAGE AND COMMON USE EASEMENT (09/22/98, 98C-285)

EXISTING 35'±35' PUBLIC WATER METER EASEMENT (06/29/1995, 95C-238)

EXISTING ARBOLEDA & COVENANT (12/19/80, B5-30, 6041)

EXISTING PERMANENT EASEMENT (11/01/96, 96-29, 5229) AGREEMENT & COVENANT (11/01/96, 96-29, 5223)

ACCESS CONTROL

Parcel J-1
Area = 50.7881 acres±

Matchline- See Sheet 15

Westland Development Co., Inc.

PRECISION SURVEYS, INC.
8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900

Project No. 1000570
Sheet 12 of 23

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Bulk Land Plat of
Westland North
Albuquerque, Bernalillo County, New Mexico
July 2000

Matchline- See Sheet 10

118th Street, N.W.

Tierra Pintada Street, N.W.

Parcel C
Area = 181.2936 acres±

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Judy D. Woodward Bern. Co. PLAT R 117.00 B9-2000C Pg-316

Parcel D
Area = 149.0255 acres±

See Sheets 17 to 21 for AMAFCA Pond Easement Details

Matchline- See Sheet 14

FUTURE RESERVOIR SITE TO BE CREATED BY FUTURE PLAT

FUTURE PUBLIC UTILITY AND ACCESS EASEMENT TO BE GRANTED BY FUTURE PLAT

UN-PLATTED LANDS
LANDS OF WESTLAND DEVELOPMENT CO., INC.

Key Map

Legend

- DENOTES FOUND AND USED ALBUQUERQUE CONTROL SURVEY OR NATIONAL GEODETIC SURVEY MONUMENT
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- DENOTES EXISTING 86TH STREET R.O.W. VACATED BY THIS PLAT (00410-00000-00753) (WW)

GRAPHIC SCALE
(IN FEET)
1 inch = 200 ft.

RECORD DRAWING

Projected Section Line

18 17
19 20

Town of Atrisco Grant

Ladera Drive, N.W.

EXISTING 200' WIDE ELECTRIC TRANSMISSION LINE EASEMENT FINAL JUDGMENT PER CIVIL ACTION NO. 1845 FILED ON MAY 14, 1952

10' PUBLIC UTILITY EASEMENT GRANTED BY THIS PLAT

Parcel E
Area = 32.2165 acres±

Matchline- See Sheet 16

UN-PLATTED LANDS
LANDS OF WESTLAND DEVELOPMENT CO., INC.

Westland Development Co., Inc.

PRECISION SURVEYS, INC.
8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900

Project No. 1000570
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SHEET 26 OF 21 CPN 650282

SCANNED BY
MESA REPRO

Bulk Land Plat of
Westland North
Albuquerque, Bernalillo County, New Mexico
July 2000

Matchline- See Sheet 11

Matchline- See Sheet 13

Matchline- See Sheet 15

Parcel J-2
Area = 39.3138 acres±
UN-PLATTED LANDS OF
WESTLAND DEVELOPMENT CO., INC.

Parcel H
Area = 14.2489 acres±

Parcel G
Area = 43.9500 acres±

Parcel F
Area = 90.3782 acres±

98th Street, N.W.

Ladera Drive, N.W.

Town Plaza Drive, N.W.

Interstate 40 (Project No. I-040-3(28)148)
(R.O.W. WIDTH VARIES-300' TYPICAL)

Town of Atrisco Grant

Key Map

Legend
- DENOTES FOUND AND USED ALBUQUERQUE CONTROL SURVEY OR NATIONAL GEODETIC SURVEY MONUMENT
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GRAPHIC SCALE
(IN FEET)
1 inch = 200 ft.

Westland Development Co., Inc.

PRECISION SURVEYS, INC.
8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900

Project No. 1000570
Sheet 14 of 23

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Bulk Land Plat of
Westland North
Albuquerque, Bernalillo County, New Mexico
July 2000

Matchline- See Sheet 12

Matchline- See Sheet 14

Interstate 40 (Project No. I-040-3(28)148)
(R.O.W. WIDTH VARIES-300' TYPICAL)

Town of Atrisco Grant

EXCEPTION 7
1895 acres±

LOT 2
GURULE ESTATES
(05/17/76, C11-60)

TRACTS ALLOTTED FROM THE TOWN OF ATRISCO GRANT UNITS (12/05/1944, D-117)

RECORD DRAWING

Legend
- DENOTES FOUND AND USED ALBUQUERQUE CONTROL SURVEY OR NATIONAL GEODETIC SURVEY MONUMENT
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GRAPHIC SCALE
(IN FEET)
1 inch = 200 ft.

Key Map

Westland Development Co., Inc.

PRECISION SURVEYS, INC.
8414-D JEFFERSON ST., N.E. PHONE 505 856 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 856 7900

Project No. 1000570
Sheet 15 of 23

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SHEET 24 OF 21 CPN. 650282

SCANNED BY
MESA REPRO

Curve Table

CURVE	LENGTH	RADIUS	DELTA	CHORD BEARING	CHORD
	293.26'	4708.13'	3°34'08"	N 87°47'39" W	293.22'
C1	309.11'	4646.34'	3°48'42"	N 87°53'44" W	309.05'
C2	590.98'	1032.00'	32°48'39"	S 00°46'56" E	582.94'
C3	1276.75'	2291.84'	31°55'07"	N 42°52'11" E	1260.30'
C4	228.30'	130.00'	100°37'05"	N 54°40'16" W	200.07'
C5	1692.76'	2291.83'	42°19'08"	N 37°39'28" E	1654.54'
C6	50.27'	30.00'	96°00'23"	N 49°57'31" W	44.59'
C7	44.01'	30.00'	84°02'47"	N 40°00'54" E	40.17'
C8	699.37'	2910.00'	13°46'13"	N 08°53'36" W	697.69'
C9	747.86'	1055.92'	40°34'48"	N 36°04'06" W	732.32'
C10	557.12'	1055.78'	30°14'04"	N 71°28'09" W	550.68'
C11	47.12'	30.00'	90°00'00"	S 49°24'56" E	42.43'
C12	47.12'	30.00'	90°00'00"	S 41°35'04" E	42.43'
C13	44.13'	30.00'	84°17'22"	N 51°16'15" E	40.26'
C14	1079.62'	1176.00'	52°36'01"	S 35°26'15" W	1042.11'
C15	953.83'	1036.00'	52°45'04"	N 35°21'03" E	920.49'
C16	47.12'	30.00'	90°00'00"	N 38°01'30" W	42.43'
C17	963.84'	9090.00'	6°04'31"	S 77°59'14" E	963.39'
C18	1275.18'	8910.00'	8°12'00"	N 79°02'59" W	1274.09'
C19	94.77'	4646.34'	1°10'07"	S 89°56'52" W	94.77'
C20	63.29'	4599.13'	0°47'18"	S 89°57'06" W	63.28'
C21	1407.42'	1100.00'	73°18'29"	S 53°46'02" W	1313.36'
C22	870.47'	1100.00'	45°20'25"	S 66°53'15" W	847.94'
C23	1125.00'	1153.00'	55°54'15"	S 81°34'40" W	1080.90'
C24	352.55'	1252.00'	16°08'02"	S 25°53'32" W	351.39'
C25	556.31'	1176.00'	27°06'15"	S 30°39'55" W	551.14'
C26	2154.58'	2848.00'	43°20'44"	N 36°51'06" E	2102.56'
C27	2212.07'	2924.00'	43°20'44"	N 36°51'06" E	2159.70'
C28	2269.57'	3000.00'	43°20'44"	N 36°51'06" E	2215.83'
C29	604.51'	2812.00'	12°19'02"	S 52°21'57" W	603.34'
C30	620.84'	2888.00'	12°19'02"	S 52°21'57" W	619.65'
C31	637.18'	2964.00'	12°19'02"	S 52°21'57" W	635.96'
C32	349.50'	1012.00'	19°47'16"	S 36°18'48" W	347.77'
C33	623.64'	1088.00'	32°50'31"	S 29°47'11" W	615.14'
C34	502.80'	1164.00'	24°44'59"	S 33°49'57" W	498.90'
C35	135.24'	100.00'	77°29'21"	N 60°12'03" E	125.17'
C36	187.58'	100.00'	107°28'32"	S 27°19'05" E	161.26'
C37	148.35'	100.00'	85°00'00"	S 56°26'39" W	135.12'
C38	165.81'	100.00'	95°00'00"	N 33°33'21" W	147.46'
C39	320.68'	597.00'	30°46'37"	N 29°19'57" E	316.84'
C40	349.15'	650.00'	30°46'37"	N 29°19'57" E	344.97'
C41	377.62'	703.00'	30°46'37"	N 29°19'57" E	373.10'
C42	288.73'	597.00'	27°42'42"	S 30°51'55" W	285.94'
C43	314.38'	650.00'	27°42'42"	S 30°51'55" W	311.32'
C44	340.01'	703.00'	27°42'42"	S 30°51'55" W	336.71'
C45	757.96'	1093.00'	39°43'57"	N 36°52'32" E	742.86'
C46	794.71'	1146.00'	39°43'57"	N 36°52'32" E	778.88'
C47	831.46'	1199.00'	39°43'57"	N 36°52'32" E	814.90'
C48	327.48'	806.25'	23°16'20"	S 45°06'16" W	325.23'
C49	306.09'	753.30'	23°16'32"	S 45°05'56" W	303.99'
C50	284.43'	700.30'	23°16'14"	S 45°06'14" W	282.47'
C51	331.53'	806.29'	23°33'33"	N 44°57'22" E	329.20'
C52	309.87'	753.29'	23°34'08"	N 44°57'04" E	307.69'
C53	288.48'	700.32'	23°36'04"	N 44°56'02" E	286.44'
C54	198.30'	650.00'	17°28'48"	N 65°28'54" E	197.54'
C55	214.47'	703.00'	17°28'48"	N 65°28'54" E	213.64'
C56	230.64'	756.00'	17°28'48"	N 65°28'54" E	229.73'
C57	46.16'	30.00'	88°13'56"	S 61°30'44" E	41.88'
C58	47.12'	30.00'	90°00'00"	S 28°13'18" W	42.43'
C59	50.00'	30.00'	95°29'39"	S 50°12'53" E	44.41'
C60	43.98'	30.00'	83°59'37"	S 40°02'29" W	40.15'
C61	721.00'	3000.00'	13°46'13"	N 08°53'36" W	719.27'
C62	717.86'	3090.00'	13°18'39"	N 09°07'23" W	716.24'
C63	811.60'	1145.92'	40°34'48"	N 36°04'06" W	794.74'
C64	843.68'	1235.92'	39°06'44"	N 36°48'08" W	827.39'
C65	604.60'	1145.92'	30°13'49"	N 71°28'09" W	597.62'
C66	654.32'	1235.92'	30°20'02"	N 71°31'17" W	646.71'
C67	50.81'	30.00'	97°02'15"	S 38°10'10" E	44.95'
C68	918.22'	1024.00'	51°22'37"	S 36°02'16" W	887.76'
C69	1119.49'	1100.00'	58°18'39"	S 32°34'16" W	1071.79'
C70	1023.80'	1112.00'	52°45'04"	N 35°21'03" E	988.02'
C71	1093.77'	1188.00'	52°45'04"	N 35°21'03" E	1055.55'
C72	47.12'	30.00'	90°00'00"	N 53°58'30" E	42.43'
C73	954.30'	9000.00'	6°04'31"	S 77°59'14" E	953.85'
C74	944.31'	8910.00'	6°04'31"	S 77°59'14" E	944.31'
C75	1130.10'	9090.00'	7°07'40"	N 78°01'49" W	1129.56'
C76	1282.05'	9090.00'	8°04'27"	N 79°32'09" W	1281.94'
C77	160.25'	9090.00'	1°00'36"	N 82°34'22" W	160.25'
C78	730.22'	5102.00'	8°12'27"	S 85°10'43" E	729.60'
C79	704.45'	4922.00'	8°12'26"	S 85°10'43" E	703.85'
C80	717.33'	5012.00'	8°12'26"	S 85°10'43" E	716.72'
C81	725.75'	4922.00'	8°26'55"	N 85°18'39" W	725.10'
C82	1188.51'	5090.00'	8°01'35"	N 48°01'07" W	1187.01'
C83	1090.37'	5000.00'	8°01'35"	N 85°18'39" W	1089.12'
C84	700.08'	4910.00'	8°10'15"	N 85°48'39" W	699.52'
C85	1188.51'	1090.00'	66°34'29"	N 48°01'07" W	1123.01'
C86	1090.37'	1000.00'	66°34'29"	N 48°01'07" W	1030.91'
C87	1049.43'	910.00'	66°04'29"	N 48°31'22" W	992.24'
C88	159.15'	100.00'	91°18'07"	N 37°07'11" E	143.02'
C89	159.01'	100.00'	91°06'25"	S 60°12'04" E	142.78'
C90	127.15'	100.00'	72°51'06"	S 32°17'17" W	118.78'
C91	178.14'	100.00'	102°05'24"	N 53°15'21" W	154.24'
C92	733.68'	1134.39'	36°24'53"	N 71°14'32" E	721.39'
C93	594.56'	1077.00'	31°37'01"	N 70°07'12" E	587.03'
C94	518.03'	1153.00'	25°44'33"	N 77°32'46" E	513.69'
C95	842.81'	1199.00'	40°16'30"	S 53°34'47" E	825.57'
C96	789.07'	1123.00'	40°15'31"	S 53°35'18" E	772.94'
C97	735.67'	1047.00'	40°15'31"	S 53°35'18" E	720.63'
C98	9.15'	727.05'	0°43'17"	S 33°15'22" W	9.15'
C99	431.97'	1024.00'	24°10'11"	N 61°01'08" E	428.77'
C100	510.27'	1100.00'	26°34'42"	N 63°51'54" E	505.71'
C101	384.65'	1176.00'	18°45'18"	N 50°11'33" E	383.23'
C102	1179.42'	1276.00'	52°57'33"	S 49°08'55" W	1137.68'
C103	1109.17'	1200.00'	52°57'33"	S 49°08'55" W	1070.11'
C104	1038.92'	1124.00'	52°57'33"	S 49°08'55" W	1002.33'
C105	38.83'	30.00'	74°09'36"	S 13°43'06" E	36.18'
C106	36.10'	30.00'	107°08'34"	S 79°35'51" W	48.20'
C107	282.93'	1276.00'	12°42'16"	N 32°22'42" E	282.35'
C108	321.86'	1200.00'	15°22'08"	N 31°02'46" E	320.92'
C109	301.50'	1124.00'	15°22'08"	N 31°02'46" E	300.59'
C110	1076.36'	1424.00'	43°18'29"	N 60°23'03" E	1050.92'
C111	1133.80'	1500.00'	43°18'29"	N 60°23'03" E	1107.00'
C112	757.81'	1576.00'	27°33'02"	N 52°30'20" E	750.53'
C113	436.39'	1576.00'	15°51'54"	N 74°06'21" E	435.00'
C114	442.89'	703.00'	36°05'48"	S 09°57'31" W	435.61'
C115	409.50'	650.00'	36°05'48"	S 09°57'31" W	402.76'
C116	376.11'	597.00'	36°05'48"	S 09°57'31" W	369.92'
C117	910.40'	697.00'	74°50'17"	N 09°24'43" W	847.05'
C118	1038.15'	750.00'	79°18'31"	N 11°38'39" W	957.23'
C119	1104.40'	802.92'	78°48'33"	N 11°31'38" W	1019.08'
C120	55.15'	30.00'	105°20'12"	N 28°31'48" E	47.71'
C121	39.09'	30.00'	74°39'49"	N 13°58'12" W	36.39'
C122	658.93'	1143.00'	33°01'50"	S 34°47'11" E	649.84'
C123	634.14'	1100.00'	33°01'50"	S 34°47'11" E	625.40'
C124	609.35'	1057.00'	33°01'50"	S 34°47'11" E	600.95'
C125	234.48'	1107.00'	12°08'09"	N 24°20'21" W	234.04'
C126	332.11'	1150.00'	16°32'47"	N 26°32'39" W	330.96'
C127	267.37'	1193.00'	12°50'26"	N 24°11'29" W	266.81'
C128	42.63'	30.00'	81°24.33"	S 09°53'34" W	39.13'
C129	48.62'	30.00'	92°51'04"	N 76°49'57" W	43.47'
C130	50.26'	30.00'	95°59.31"	N 08°44'45" E	44.59'
C131	47.92'	30.00'	91°30'47"	S 86°40'50" E	42.98'
C132	471.39'	1193.00'	22°38'22"	N 50°14'40" W	468.33'
C133	536.84'	1150.00'	26°44'48"	N 48°11'27" W	531.98'
C134	431.12'	1107.00'	22°18'50"	N 50°25'26" W	428.40'
C135	1397.16'	1157.00'	69°11'19"	N 26°58'51" E	1313.80'
C136	1480.81'	1200.00'	70°42'12"	S 36°12'45" E	1388.62'
C137	1504.37'	1243.00'	69°20'37"	S 08°35'33" E	1414.22'
C138	46.50'	30.00'	88°48'15"	N 30°37'22" W	41.98'
C139	47.83'	30.00'	91°21'02"	S 51°17'59" W	42.92'
C140	193.05'	5262.56'	2°06'06"	N 81°53'46" E	193.04'
C141	268.58'	1100.00'	13°59'41"	S 81°32'50" W	268.01'
C142	287.79'	680.00'	24°14'56"	S 27°13'37" E	285.65'
C143	41.75'	100.00'	23°55'16"	N 41°37'33" E	41.45'
C144	53.61'	1608.00'	1°54'52"	N 15°38'43" E	53.61'
C145	84.22'	1032.00'	4°40'33"	S 13°17'07" W	84.20'
C146	233.54'	1173.00'	11°24'26"	S 83°19'35" W	233.15'
C147	95.18'	4666.34'	1°10'07"	S 89°26'52" W	95.17'
C148	903.21'	1163.00'	44°29'49"	S 55°22'27" W	880.68'
C149	85.55'	4666.34'	1°03'02"	N 89°16'34" W	85.55'

Line Table

LINE	LENGTH	BEARING
L1	263.44	S 81°53'18" E
L2	235.37	S 60°24'40" E
L3	448.39	S 74°12'01" E
L4	219.24	S 88°24'40" E
L5	241.27	N 82°33'00" E
L6	48.41	S 53°55'01" W
L7	37.19	S 17°18'16" E
L8	200.47	N 84°15'46" E
L9	116.86	S 89°15'42" E
L10	239.97	S 80°26'21" E
L11	295.73	S 66°24'02" E
L12	286.77	S 79°36'31" E
L13	41.00	S 75°01'08" W
L14	141.09	N 84°43'02" W
L15	79.31	N 88°23'30" W
L16	227.62	S 87°40'54" W
L17	267.14	S 72°55'12" E
L18	329.60	S 78°31'39" W
L19	58.52	S 55°42'08" E
L20	68.92	S 72°39'40" E
L21	27.08	S 77°39'42" E
L22	76.66	S 58°01'52" E
L23	83.49	S 74°19'52" E
L24	256.52	S 60°03'38" E
L25	29.46	S 40°04'13" E
L26	195.76	S 66°39'27" E
L27	98.45	N 89°32'11" E
L28	200.75	N 71°18'22" E
L29	65.10	N 56°20'50" E
L30	40.68	N 87°27'32" E
L31	116.96	N 65°21'19" E
L32	62.18	N 76°31'22" E
L33	255.02	S 86°49'09" E
L34	66.79	S 78°03'41" E
L35	268.99	N 60°37'56" W
L36	18.81	N 90°00'00" W
L37	120.76	N 69°10'21" W
L38	94.34	S 79°20'42" W
L39	94.35	S 55°57'26" W
L40	89.71	S 28°25'02" W
L41	62....	...
L42	205.04	N 66°46'25" W
L43	433.73	N 58°12'02" W
L44	96.13	N 45°02'26" W
L45	80.24	N 64°58'41" W
L46	123.27	N 70°16'43" W
L47	184.76	N 62°25'13" W
L48	130.27	N 48°32'30" W
L49	194.98	N 61°28'58" W
L50	44.54	N 47°19'52" W
L51	73.44	N 67°31'43" W
L52	108.87	N 63°38'45" W
L53	65.12	S 34°55'44" E
L54	43.90	S 59°15'05" E
L55	110.85	S 31°25'35" E
L56	99.62	S 62°54'08" E
L57	41.90	N 73°19'23" E
L58	115.46	S 75°06'32" E
L59	86.64	S 76°37'13" E
L60	232.65	S 65°57'16" E
L61	227.56	S 32°45'38" E
L62	244.60	S 48°28'41" E
L63	127.71	N 08°11'09" W
L64	175.13	N 43°04'11" W
L65	194.50	N 55°02'32" W
L66	47.31	N 28°45'27" W
L67	106.87	N 61°20'09" W
L68	122.72	N 77°27'14" W
L69	114.15	S 89°18'50" W
L70	127.98	N 81°57'41" W
L71	241.10	N 45°28'05" E
L72	43.79	S 54°56'33" W
L73	158.09	S 62°27'31" W
L74	121.85	S 85°36'27" W
L75	90.99	N 83°07'40" W
L76	137.94	N 81°43'59" W
L77	65.71	N 84°34'02" W
L78	38.22	N 64°34'05" W
L79	71.80	N 86°15'26" W
L80	79.83	N 69°28'14" W
L81	176.92	N 49°23'15" W
L82	191.64	N 83°48'18" W
L83	123.44	S 60°06'13" W
L84	68.42	S 86°18'50" W
L85	157.74	N 30°10'36" W
L86	82.90	N 73°01'36" W
L87	146.84	N 49°54'16" W
L88	75.18	N 20°34'58" W
L89	160.54	N 09°28'32" W
L90	197.47	N 59°10'54" W
L91	228.61	N 69°08'53" W
L92	42.53	S 68°46'37" W
L93	93.67	S 60°27'25" E
L94	72.18	S 37°36'28" E
L95	221.66	S 69°04'17" E
L96	236.12	S 24°12'34" E
L97	108.83	S 14°03'19" W
L98	116.47	S 74°40'14" W
L99	317.55	N 80°01'44" W
L100	131.51	S 89°12'58" W
L101	287.67	N 70°20'33" W
L102	137.86	N 63°28'03" W
L103	222.69	N 47°02'35" W
L104	205.79	N 55°29'52" W
L105	146.18	N 83°57'16" W
L106	118.38	N 71°35'22" W
L107	127.78	N 47°49'39" W
L108	125.12	S 10°08'19" E
L109	214.55	S 84°42'24" E
L110	188.43	S 59°52'31" E
L111	105.43	S 23°21'07" E
L112	125.06	S 61°55'05" E
L113	168.20	S 47°09'42" E
L114	282.83	S 65°39'27" E
L115	142.96	S 82°28'05" E
L116	240.56	S 86°19'50" E
L117	63.04	S 29°17'00" E
L118	149.68	S 41°27'50" W
L119	154.24	S 88°21'57" W
L120	413.18	N 60°19'41" W
L121	122.32	N 76°28'57" W
L122	115.91	S 75°43'08" W
L123	174.18	S 66°44'56" W
L124	37.51	S 86°38'17" W
L125	75.94	N 73°09'51" W
L126	111.52	N 80°55'20" W
L127	50.78	S 04°58'36" E
L128	132.18	S 79°27'13" E
L129	160.54	...
L130	167.64	N 80°10'48" E
L131	176.54	S 86°25'43" E
L132	225.29	S 51°58'13" E
L133	256.73	S 63°33'46" E
L134	212.83	N 89°25'33" E
L135	264.65	N 46°23'18" E
L136	210.17	N 84°35'45" E
L137	155.28	S 81°03'57" E
L138	230.37	S 61°20'53" E
L139	459.90	N 51°19'03" W
L140	150.00	N 56°21'52" W
L141	150.00	N 62°29'05" W
L142	150.00	N 71°29'58" W
L143	150.00	N 85°04'35" W
L144	150.00	N 88°41'20" W
L145	150.00	N 78°58'47" W
L146	75.00	N 66°08'55" W
L147	278.33	N 49°43'21" W
L148	171.99	N 51°11'11" E
L149	155.93	N 70°15'04" E
L150	228.22	N 49°02'26" E
L151	408.93	N 55°05'15" W
L152	255.35	N 73°11'23" W
L153	339.89	N 60°02'44" W
L154	156.58	N 51°59'32" W
L155	393.01	N 79°53'39" W
L156	175.30	S 80°08'52" W
L157	201.82	N 78°17'43" W
L158	443.76	N 57°52'06" W
L159	360.99	N 80°38'56" W
L160	319.75	N 64°37'49" W
L161	297.02	S 87°12'40" E
L162	238.36	N 67°11'43" E
L163	268.55	N 88°21'09" E
L164	214.06	S 66°41'44" E
L165	485.15	S 46°38'16" E
L166	347.29	S 81°04'22" E
L167	402.89	S 56°20'51" E
L168	144.09	S 29°27'24" E
L169	522.21	S 63°16'43" E
L170	228.31	S 68°13'36" E
L171	400.22	S 52°53'05" E
L172	59.99	N 87°14'01" W
L173	75.82	S 53°10'09" W
L174	71.13	S 68°56'06" E
L175	75.22	S 83°27'33" E
L176	223.57	N 69°04'32" E
L177	10.00	S 12°22'36" E

Bulk Land Plat of

Westland North

Albuquerque, Bernalillo County, New Mexico
July 2000

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Page 23 of 23
12/27/2006 11:19R
Judy D. Woodward Bern. Co. PLAT R 11? 00 00-2006C Pg-316

Westland Development Co., Inc

PRECISION SURVEYS, INC.

8414-D JEFFERSON ST., N.E. PHONE 505 858 5700
ALBUQUERQUE, NEW MEXICO 87113 FAX 505 858 7900

Project No. 1000570
Sheet 23 of 23

RECORD DRAWING

SHEET 21 OF 21 CPN. 650282

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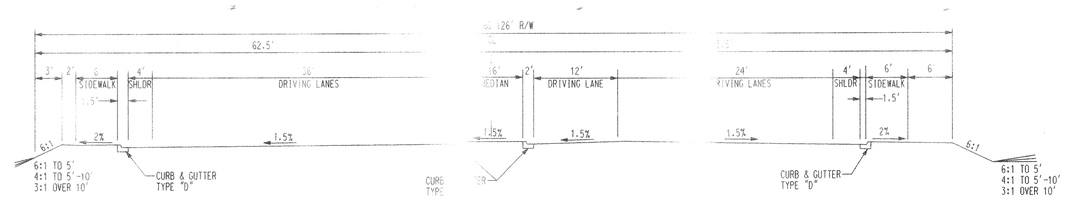

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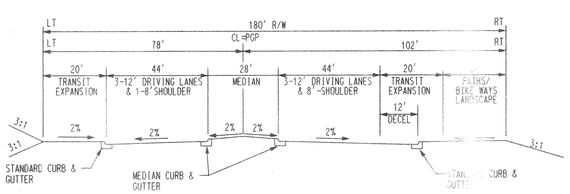

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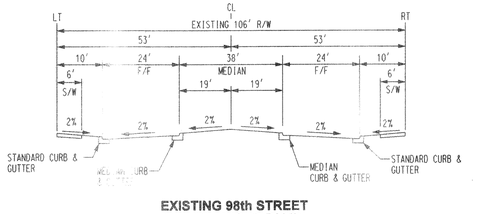

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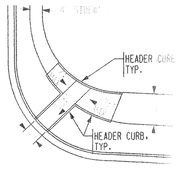

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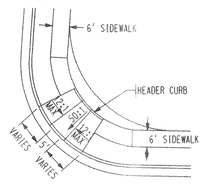

WHEEL CHAIR RAMP DETAIL - B
SEE MODIFIED STD. DWG. 2441 CASE II

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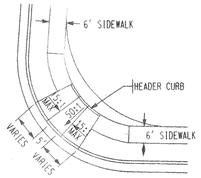

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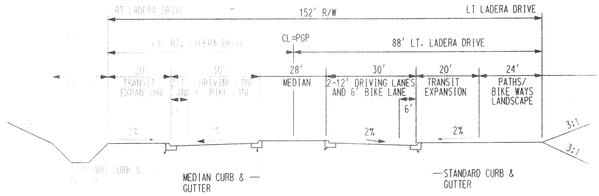

LADERA DRIVE

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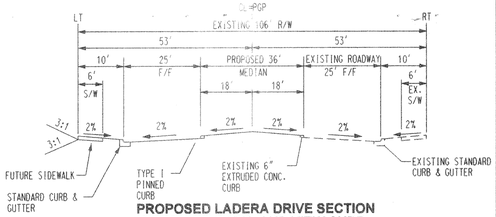

PROPOSED LADERA DRIVE SECTION NORTH OF PARKLAND VIEW SUBD.

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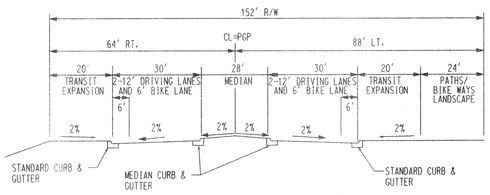
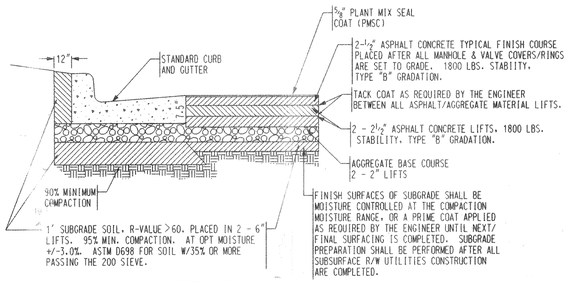


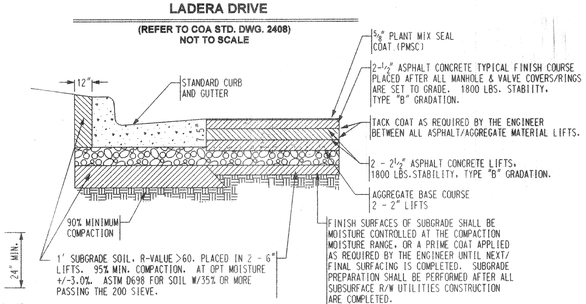
LADERA DRIVE

NOT TO SCALE



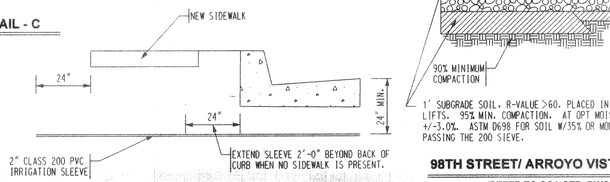
LADERA DRIVE

(REFER TO COA STD. DWG. 2408)
NOT TO SCALE



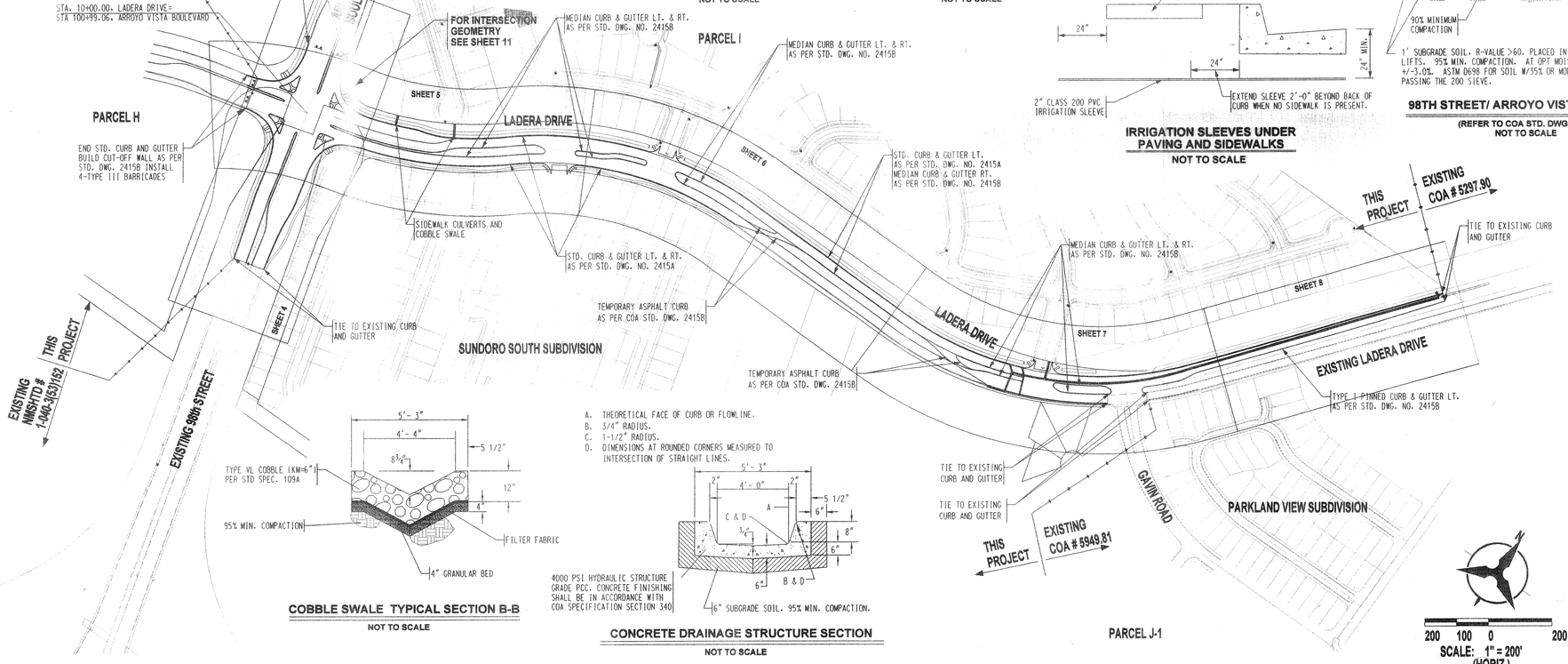
98TH STREET/ ARROYO VISTA BOULEVARD

(REFER TO COA STD. DWG. 2408)
NOT TO SCALE



IRRIGATION SLEEVES UNDER PAVING AND SIDEWALKS

NOT TO SCALE



COBBLE SWALE TYPICAL SECTION B-B

NOT TO SCALE

CONCRETE DRAINAGE STRUCTURE SECTION

NOT TO SCALE

LEGEND

- PROPOSED CURB AND GUTTER
- EXISTING CURB AND GUTTER
- FUTURE CURB AND GUTTER
- PROPOSED STORM DRAIN MANHOLE
- EXISTING STORM DRAIN MANHOLE
- PROPOSED SANITARY SEWER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- EXISTING GATE VALVE
- PROPOSED STREET LIGHT
- 10' ASPHALT TRAIL
- CROWN FLATTENING

Bohannan Huston

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335

ENGINEERING · SPATIAL DATA · ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

WESTLAND DEVELOPMENT CO.
OVERALL PAVING PLAN
& PAVING SHEET INDEX

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
MAR - 5 2004	APPROVED APR 26 2004 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650282	H-9/J-8/J-9	3	21

BHI JOB NO. 00311A04

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RECORD DRAWING

AS-BUILT INFORMATION

CONTRACTOR

WORK STAKED BY

INSPECTED & ACCEPTANCE BY — DATE

FIELD VERIFICATION BY — DATE

DRAWINGS CORRECTED BY — DATE

ON PASEO DEL VULCAN, 0.91 MI NORTH OF I - 40, 0.74 MI SOUTH OF POWERLINES, 39.6' NW OF CENTERLINE OF PASEO DEL VULCAN

MICRO-FILM INFORMATION

RECORDED BY — DATE

NO.

BENCH MARKS

ACS STATION NAMED 4 - K6

3 -1/4" ALUM. CAP

HV18 = 4 - K6

X=1,477,665.89, Y=1,484,081.55

ELEV=5233.00

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

CGC

REMARKS

REVISIONS

DESIGN — BY — DATE 04/2003

DRAWING — BY — DATE 04/2003

CHECK — BY — DATE 04/2003

NO.	DATE	DESIGNED BY	DRAWN BY	CHECKED BY
1	12-04	YOP	DLM	KGP

RECORD DRAWING

SCANNED BY MESA REPRO

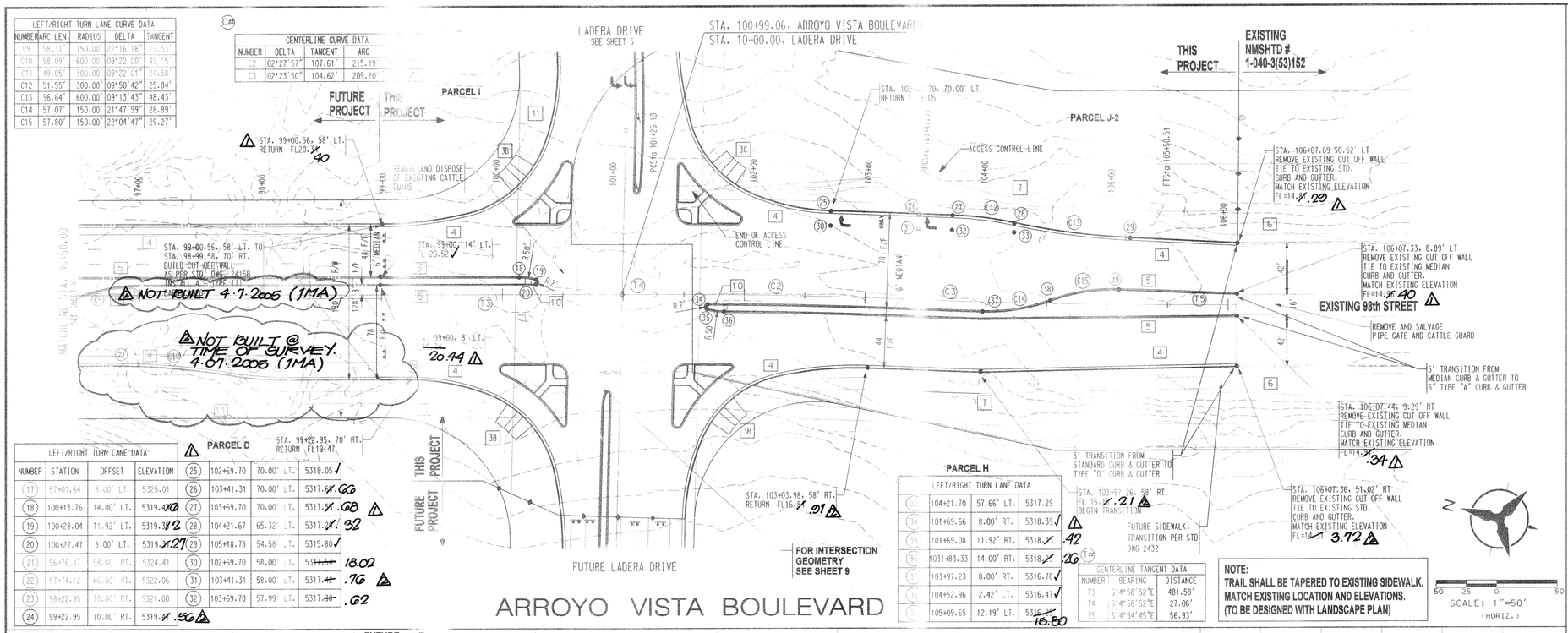
P:\00311\cdp\general\LADERA TRACT -1\00311opavLAD-1.dgn
02-FEB-2004
13:20
kmurtagh

SCANNED BY MESA REPRO

1/2005

LEFT/RIGHT TURN LANE CURVE DATA				
NUMBER	ARC LEN.	RADIUS	DELTA	TANGENT
C9	56.31'	150.00'	22°16'18"	28.51'
C10	98.09'	600.00'	09°22'00"	49.15'
C11	49.05'	300.00'	09°22'01"	24.58'
C12	51.55'	300.00'	09°50'42"	25.84'
C13	96.64'	600.00'	09°13'43"	48.43'
C14	57.07'	150.00'	21°47'59"	28.89'
C15	57.80'	150.00'	22°04'47"	29.27'

CENTERLINE CURVE DATA			
NUMBER	DELTA	TANGENT	ARC
C2	02°27'57"	107.61'	215.19'
C3	02°23'50"	104.62'	209.20'

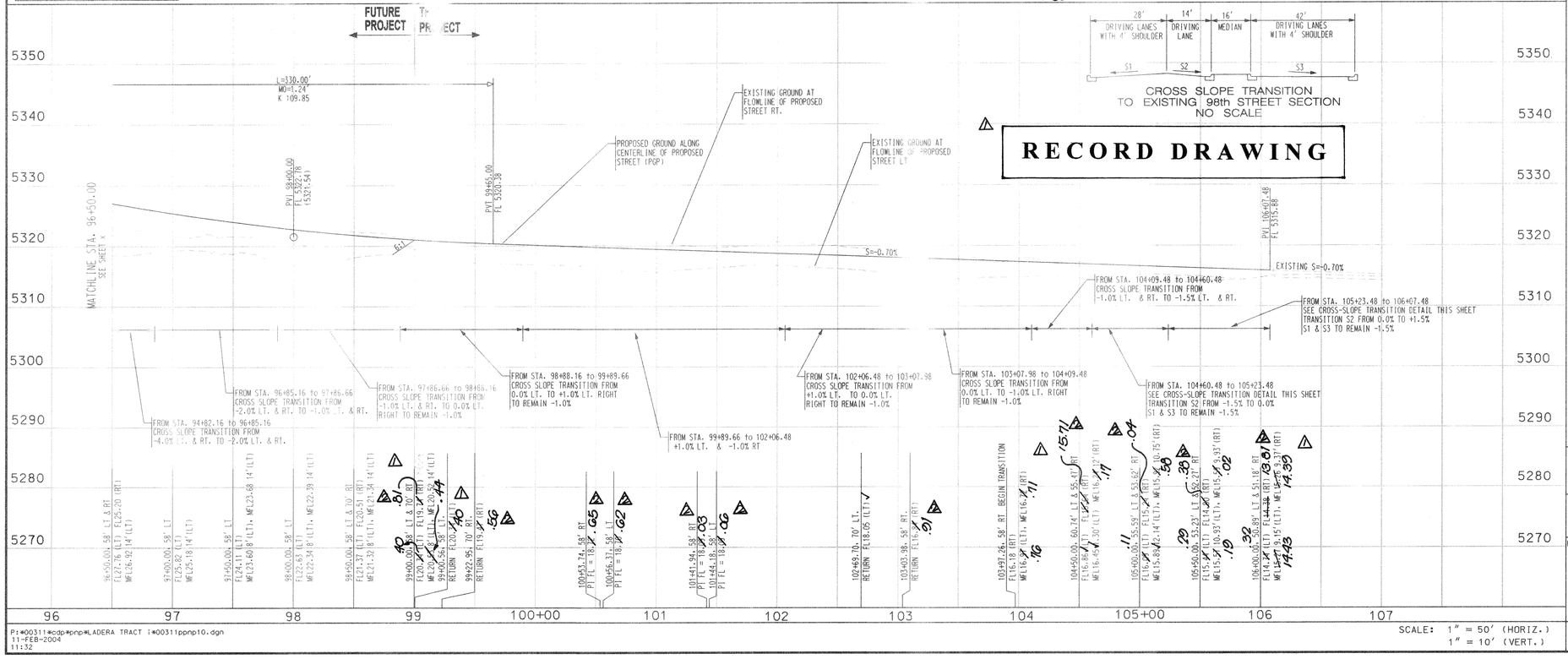


LEFT/RIGHT TURN LANE DATA							
NUMBER	STATION	OFFSET	ELEVATION		NUMBER	STATION	OFFSET	ELEVATION
(17)	97+01.64	9.00' LT.	5325.01	(25)	102+69.70	70.00' LT.	5318.05
(18)	100+13.76	14.00' LT.	5319.47	(26)	103+41.31	70.00' LT.	5317.66
(19)	100+28.04	11.92' LT.	5319.32	(27)	103+69.70	70.00' LT.	5317.68
(20)	100+27.47	8.00' LT.	5319.27	(28)	104+21.67	65.32' LT.	5317.32
(21)	96+76.47	58.00' RT.	5324.41	(29)	105+18.78	54.58' LT.	5315.80
(22)	97+14.12	46.30' RT.	5322.06	(30)	102+69.70	58.00' LT.	5317.18.02
(23)	98+22.95	70.00' RT.	5321.00	(31)	103+41.31	58.00' LT.	5317.76
(24)	99+22.95	70.00' RT.	5319.56	(32)	103+69.70	57.99' LT.	5317.62

PARCEL H			
LEFT/RIGHT TURN LANE DATA			
(1)	104+21.70	57.66' LT.	5317.29
(34)	101+69.66	8.00' RT.	5318.39
(35)	101+69.08	11.92' RT.	5318.42
(36)	103+83.33	14.00' RT.	5318.26
(1)	103+97.23	8.00' RT.	5316.78
(36)	104+52.96	2.42' LT.	5316.47
(1)	105+09.65	12.19' LT.	5316.15.80

CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
PT	S14°58'52"E	481.58'
PT	S14°58'52"E	27.06'
PS	S14°54'45"E	56.93'

NOTE:
TRAIL SHALL BE TAPERED TO EXISTING SIDEWALK. MATCH EXISTING LOCATION AND ELEVATIONS. (TO BE DESIGNED WITH LANDSCAPE PLAN)



CROSS SLOPE TRANSITION TO EXISTING 98th STREET SECTION NO SCALE

RECORD DRAWING

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE ALONG FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
13. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

DILUTED DATA INDICATES FUTURE INFORMATION NOT FOR CONSTRUCTION WITH THIS PROJECT

KEYED GENERAL NOTES

1 INSTALL 6' CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
2 INSTALL 4' CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421
3A INSTALL WHEELCHAIR RAMP AS PER DETAIL-A SHEET 3
3B INSTALL WHEELCHAIR RAMP AS PER DETAIL-B SHEET 3
3C INSTALL WHEELCHAIR RAMP AS PER DETAIL-C SHEET 3
4 STD. CURB & GUTTER AS PER STD. DWG. 2415A
5 MEDIAN CURB & GUTTER AS PER STD. DWG. 2415B
6 EXISTING 6' SIDEWALK AS PER STD. DWG. 2430
7 FUTURE SIDEWALK (BY OTHERS)
8 TYPE I PINNED CURB AS PER STD. DWG. 2415B
9 ASPHALT CURB AS PER STD. DWG. 2415B
10 CONCRETE MEDIAN PAVING SECTION AS PER STD. DWG. 2408 (BAJA RED)
11 TRAIL/BIKE PATH TO BE DESIGNED WITH LANDSCAPE PLANS

Bohannan Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING - SPATIAL DATA - ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

WESTLAND DEVELOPMENT CO.
PAVING PLAN & PROFILE
ARROYO VISTA BOULEVARD

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.
APPROVED APR 26 2004 CITY ENGINEER

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650282	J-8	4	21

BHI JOB NO. 00 311A 04

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AS-BUILT INFORMATION

SURVEY INFORMATION	BENCH MARKS
FIELD NOTES	ACS STATION NAMED 4 - K6
NO. BY DATE	3 -1/4" ALUM. CAP
	HV18 = 4 - K6
	X=1,477,665.89, Y=1,484,081.55
	ELEV=5733.00
	ON PASEO DEL VULCAN, 0.91 MI NORTH
	OF I - 40, 0.74 MI SOUTH OF
	POWERLINES - 39.6' NW OF CENTERLINE
	OF PASEO DEL VULCAN

CONTRACTOR Universal 2004
STAKED BY J.M.A. 2004
INSPECTED BY SEC DATE 10/05
FIELD VERIFICATION BY COA DATE "
DRAWINGS COMPILED BY J.M.A. DATE 2006
CORRECTED BY DATE
RECORDED BY
DATE
NO.

MICRO-FILM INFORMATION

ENGINEER'S SEAL

NO.	DATE	BY	REMARKS
		CGC	
		CGC	
1	12-2004		AS BUILT & CERTIFY.
2	4-2005		AS BUILT & CERTIFY.
			REVISIONS
			DESIGN
			DESIGNED BY YOP DATE 04/2003
			DRAWN BY BS DATE 04/2003
			CHECKED BY KGP DATE 10/2003

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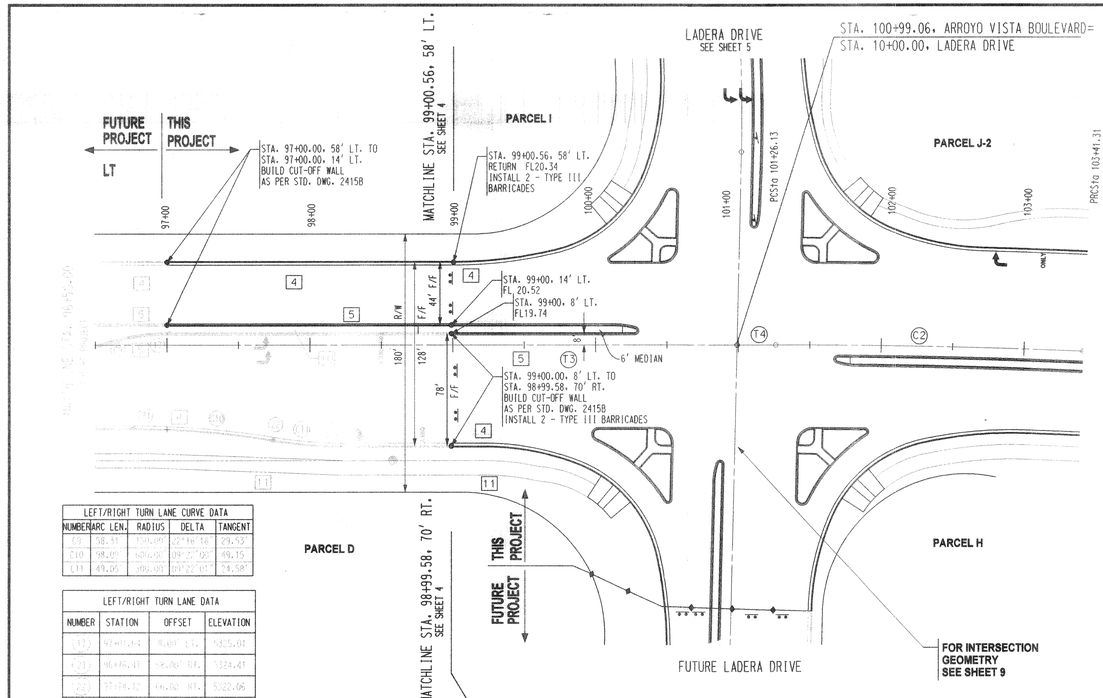

LEFT/RIGHT TURN LANE CURVE DATA				
NUMBER	ARC LEN.	RADIUS	DELTA	TANGENT
C9	58.31	150.00	022°16'18"	29.53'
C10	98.09	150.00	037°27'09"	49.15
C11	49.06	100.00	028°07'07"	24.58'

LEFT/RIGHT TURN LANE DATA			
NUMBER	STATION	OFFSET	ELEVATION
C9	97+00.43	58.00' LT.	5315.05
C10	98+95.47	58.00' RT.	5324.41
C11	97+96.31	44.00' RT.	5322.06
C11	98+02.98	70.00' RT.	5321.00

RECORD DRAWING

CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T3	S14°58'52"E	399.06'
T4	S14°58'52"E	27.06'

CENTERLINE CURVE DATA				
NUMBER	DELTA	TANGENT	ARC	RADIUS
C2	02°27'57"	107.61'	215.19'	5000.00'

N

SCALE: 1"=50'
(HORIZ.)

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE ALONG FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
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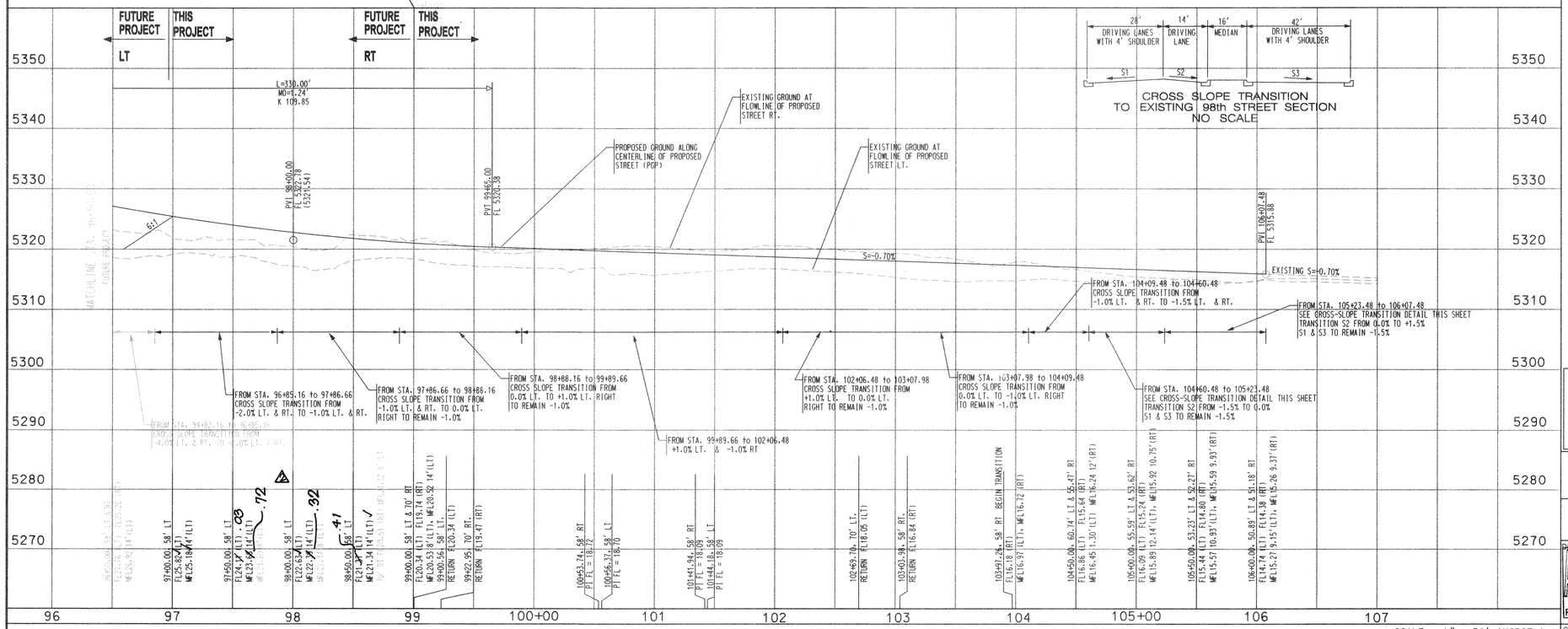
11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
13. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

DILUTED DATA INDICATES FUTURE INFORMATION NOT FOR CONSTRUCTION WITH THIS PROJECT

KEYED GENERAL NOTES

- [1] INSTALL 6' CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
- [2] INSTALL 4' CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421
- [3A] INSTALL WHEELCHAIR RAMP AS PER DETAIL-A SHEET 3
- [3B] INSTALL WHEELCHAIR RAMP AS PER DETAIL-B SHEET 3
- [3C] INSTALL WHEELCHAIR RAMP AS PER DETAIL-C SHEET 3
- [4] STD. CURB & GUTTER AS PER STD. DWG. 2415A
- [5] MEDIAN CURB & GUTTER AS PER STD. DWG. 2415B
- [6] EXISTING 6' SIDEWALK AS PER STD. DWG. 2430
- [7] FUTURE SIDEWALK (BY OTHERS)
- [8] TYPE I PINNED CURB AS PER STD. DWG. 2415B
- [9] ASPHALT CURB AS PER STD. DWG. 2415B
- [10] CONCRETE MEDIAN PAVING SECTION AS PER STD. DWG. 2408 (BAJA RED)
- [11] TRAIL/BIKE PATH TO BE DESIGNED WITH LANDSCAPE PLANS

ARROYO VISTA BOULEVARD (97+00 – 99+00.56)



SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

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06-DEC-2004
14:29

AS-BUILT INFORMATION
CONTRACTOR UNIV.
WORK INSPECTED BY JNA DATE 04
INSPECTOR'S ACCEPTANCE BY Spec DATE 1/05
VERIFICATION BY COA DATE 1/05
DRAWINGS CORRECTED BY JNA DATE 4/01/2005
RECORDED BY DATE
MICRO-FILM INFORMATION
NO.

BENCH MARKS
ACS STATION NAMED 4 - K6
3 -1/4" ALUM. CAP
HV18 = 4 - K6
X=1,477,665.89, Y=1,484,081.55
ELEV=5733.00
ON PASEO DEL VULCAN, 0.91 MI NORTH OF I - 40, 0.74 MI SOUTH OF POWERLINES. 39.6' NW OF CENTERLINE OF PASEO DEL VULCAN

FIELD NOTES
NO. BY DATE

SURVEY INFORMATION

SEAL
ENGINEER'S SEAL
CAC ENGINEER'S CERTIFICATE
AS BUILT & CERTIFY
SHEET ADDED
REMARKS
REVISIONS
DESIGN
NO. DATE BY
4 4/01/05 YdP
3 1/3/05 BS
DESIGNED BY YDP DATE 11/2004
DRAWN BY BS/SAR DATE 11/2004
CHECKED BY KGP DATE 11/2004

Bohannan ▲ Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

WESTLAND DEVELOPMENT CO.
PAVING PLAN & PROFILE
ARROYO VISTA BOULEVARD STA. 97+00 – 99+00.56

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL		MO./DAY/YR.	MO./DAY/YR.
APPROVED JAN – 5 2005 DESIGN REVIEW COMMITTEE	APPROVED JAN – 5 2005 CITY ENGINEER	LAST DESIGN UPDATE		

CITY PROJECT NO. 650282 | ZONE MAP NO. J-8 | SHEET 4A OF 21

BHI JOB NO. 00 311A 04

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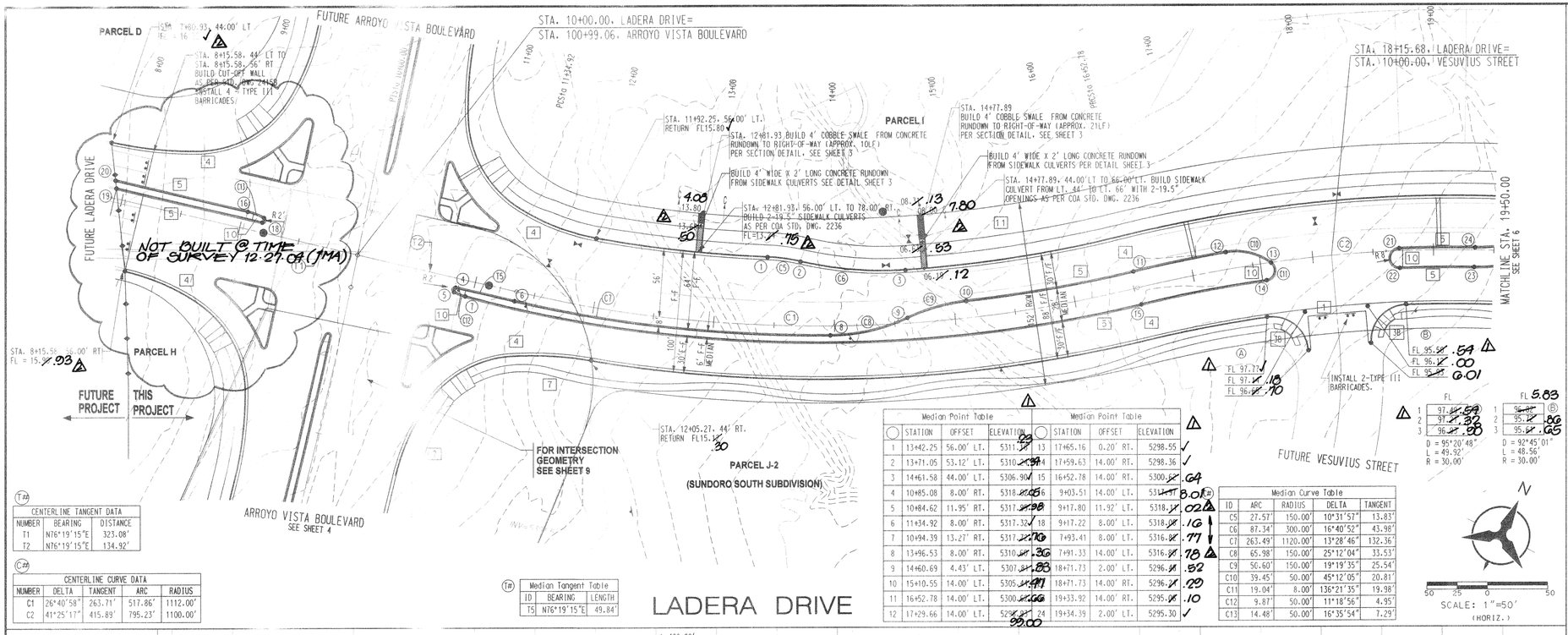
SCANNED BY MESA REPRO

SCANNED BY MESA REPRO


PARCEL D
PARCEL H
PARCEL I
PARCEL J-2
(SUNDORO SOUTH SUBDIVISION)
FUTURE LADERA DRIVE
FUTURE ARROYO VISTA BOULEVARD
ARROYO VISTA BOULEVARD
SEE SHEET 4
NOT BUILT @ TIME OF SURVEY 12.27.03 (JMA)
FUTURE PROJECT
THIS PROJECT
FOR INTERSECTION GEOMETRY SEE SHEET 9
STA. 10+00.00, LADERA DRIVE=
STA. 100+99.06, ARROYO VISTA BOULEVARD
STA. 18+15.68, LADERA DRIVE=
STA. 10+00.00, VESUVIUS STREET
FUTURE VESUVIUS STREET
INSTALL 2-TYPE III BARRICADES.
MATCHLINE STA. 19+50.00
SEE SHEET 6
STA. 8+15.58, 44.00' LT
STA. 8+15.58, 56' RT
BUILD CUT-OFF WALL
15 PER STD. DWG. 2415B
INSTALL 4 TYPE III BARRICADES
STA. 8+15.58, 56.00' RT.
STA. 11+92.25, 56.00' LT.
RETURN FL15.80
STA. 12+81.93, BUILD 4' COBBLE SWALE FROM CONCRETE RUNDOWN TO RIGHT-OF-WAY (APPROX. 10LF) PER SECTION DETAIL, SEE SHEET 3
BUILD 4' WIDE X 2' LONG CONCRETE RUNDOWN FROM SIDEWALK CULVERTS SEE DETAIL SHEET 3
STA. 12+81.93, 56.00' LT. TO 78.00' RT.
BUILD 2-19.5' SIDEWALK CULVERTS AS PER COA STD. DWG. 2236
STA. 14+77.89
BUILD 4' COBBLE SWALE FROM CONCRETE RUNDOWN TO RIGHT-OF-WAY (APPROX. 21LF) PER SECTION DETAIL, SEE SHEET 3
BUILD 4' WIDE X 2' LONG CONCRETE RUNDOWN FROM SIDEWALK CULVERTS PER DETAIL SHEET 3
STA. 14+77.89, 44.00' LT TO 66.00' LT. BUILD SIDEWALK CULVERT FROM LT. 44' TO LT. 66' WITH 2-19.5' OPENINGS AS PER COA STD. DWG. 2236
STA. 12+05.27, 44' RT.
RETURN FL15.30
FUTURE 56' R/W
FUTURE 64' F-F
FUTURE 100' R/W
FUTURE 80' F-F
FUTURE 52' R/W
FUTURE 36' MEDIAN
FUTURE 30' F-F
FUTURE 5' F-F MEDIAN
R=30.00'
R=40.00'
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R=25.00'
R=15.00'
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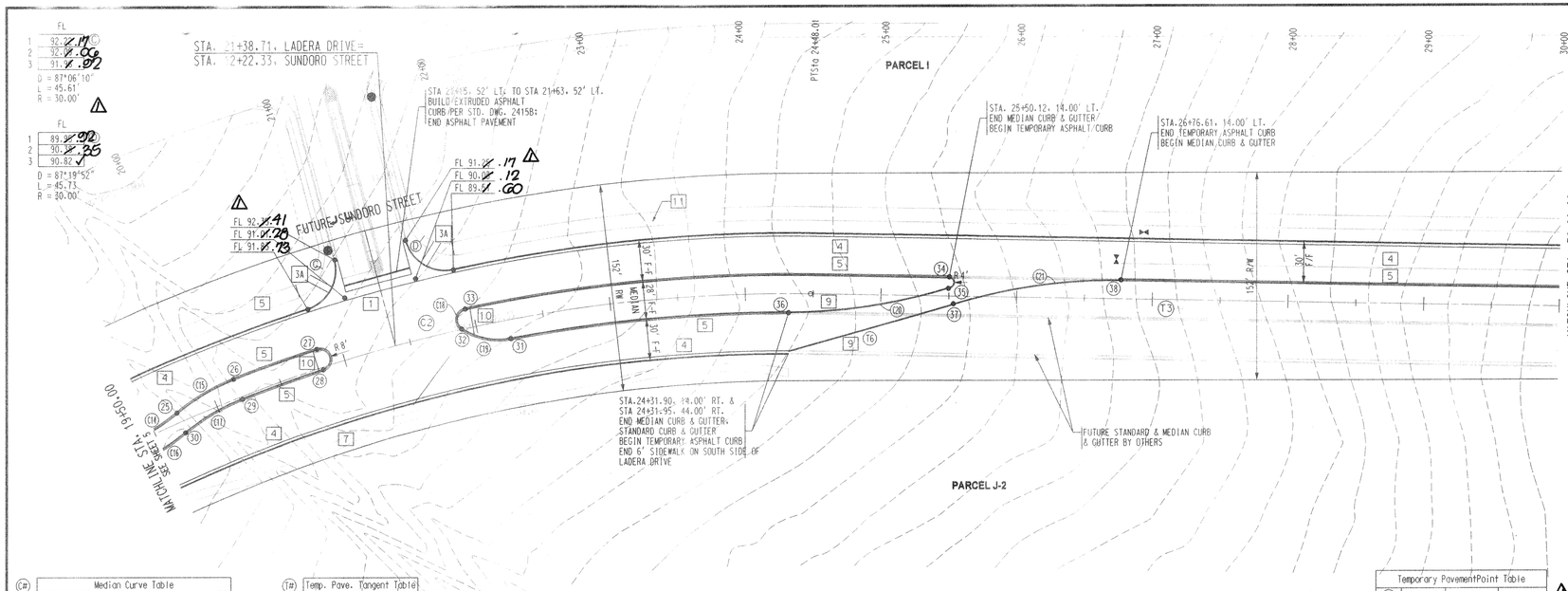


Median Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C14	37.21'	150.00'	14°12'44"	18.70'
C15	48.68'	150.00'	18°35'39"	24.56'
C16	37.13'	150.00'	14°11'02"	18.66'
C17	48.78'	150.00'	18°37'52"	24.61'
C18	18.83'	8.00'	134°49'42"	19.23'
C19	38.11'	50.00'	43°40'09"	20.03'

Temp. Pave. Tangent Table		
ID	BEARING	LENGTH
T6	N74°23'10"E	135.10'

Temporary Pavement Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C20	119.60'	394.00'	17°23'31"	60.26'
C21	125.37'	394.00'	18°13'53"	63.22'

CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T3	S88°56'26"E	575.18'

CENTERLINE CURVE DATA				
NUMBER	DELTA	TANGENT	ARC	RADIUS
C2	41°25'17"	415.89'	795.23'	1100.00'

Temporary PavementPoint Table			
	STATION	OFFSET	ELEVATION
34	25+50.12	14.00' LT.	5283.~~31~~ 44
35	25+49.59	5.62' LT.	5285.~~65~~ 3.51
36	24+31.90	14.00' RT.	5285.~~43~~ 5.72
37	25+53.56	6.41' RT.	5283.~~38~~ .57
38	26+76.61	14.00' LT.	5280.~~57~~ .13

Median Point Table			
	STATION	OFFSET	ELEVATION
25	19+70.98	7.20' LT.	5294.50
26	20+18.52	14.00' LT.	5293.~~91~~ .60
27	20+82.75	14.00' LT.	5292.25
28	20+82.75	2.00' RT.	5292.~~81~~ .53
29	20+19.30	2.00' RT.	5293.72
30	19+70.98	8.81' RT.	5294.49
31	22+23.52	14.00' RT.	5289.59 .64
32	21+89.00	0.37' LT.	5290.53
33	21+94.67	14.00' LT.	5290.13

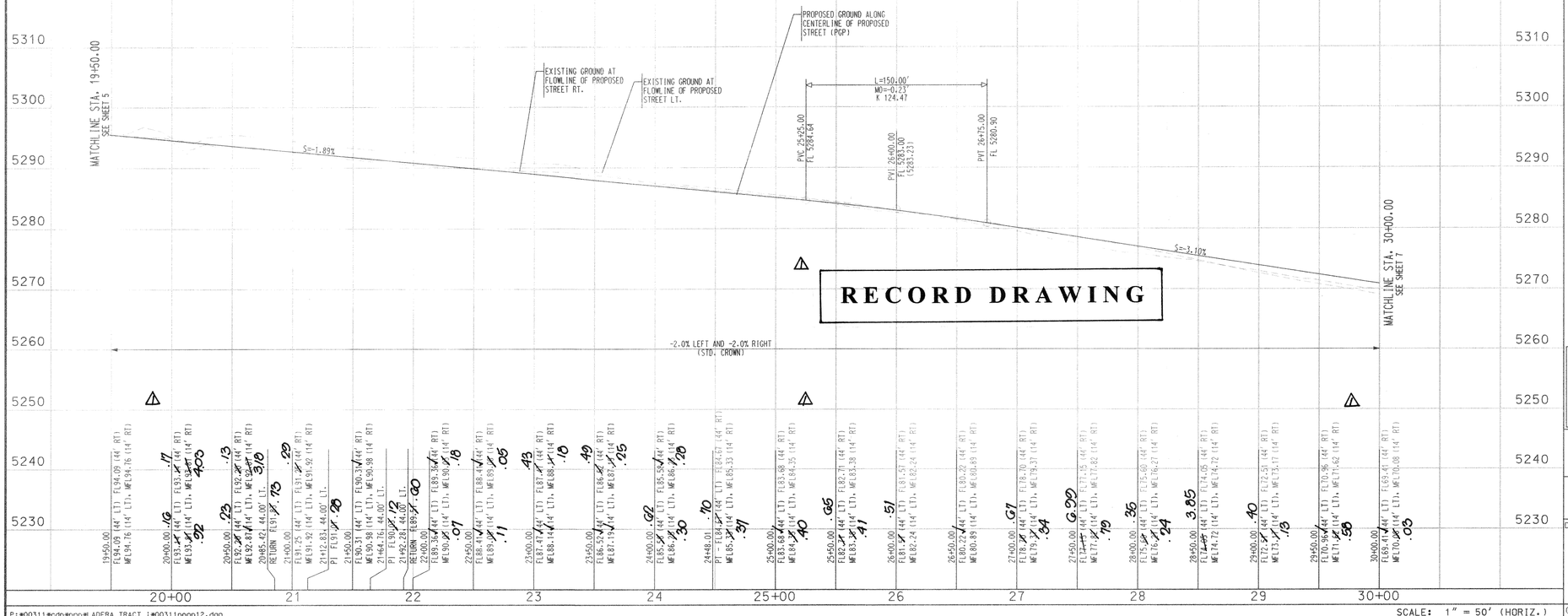
NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE ALONG FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
13. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

DILUTED DATA INDICATES FUTURE INFORMATION NOT FOR CONSTRUCTION WITH THIS PROJECT

KEYED GENERAL NOTES

1. INSTALL 6' CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
2. INSTALL 4' CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421
3A. INSTALL WHEELCHAIR RAMP AS PER DETAIL-A SHEET 3
3B. INSTALL WHEELCHAIR RAMP AS PER DETAIL-B SHEET 3
3C. INSTALL WHEELCHAIR RAMP AS PER DETAIL-C SHEET 3
4. STD. CURB & GUTTER AS PER STD. DWG. 2415A
5. MEDIAN CURB & GUTTER AS PER STD. DWG. 2415B
6. EXISTING 6' SIDEWALK AS PER STD. DWG. 2430
7. FUTURE SIDEWALK (BY OTHERS)
8. TYPE I PINNED CURB AS PER STD. DWG. 2415B
9. ASPHALT CURB AS PER STD. DWG. 2415B
10. CONCRETE MEDIAN PAVING SECTION AS PER STD. DWG. 2408 (BAJA RED)
11. TRAIL/BIKE PATH TO BE DESIGNED WITH LANDSCAPE PLANS



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11-FEB-2004
11:32

SCANNED BY MESA REPRO

AS-BUILT INFORMATION

BENCH MARKS
ACS STATION NAMED 4 - K6
3 -1/4" ALUM. CAP
HV18 = 4 - K6
X=1,477,665.89, Y=1,484,081.55
ELEV=5733.00
ON PASEO DEL VULCAN, 0.91 MI NORTH OF I - 40, 0.74 MI SOUTH OF POWERLINES, 39.6' NW OF CENTERLINE OF PASEO DEL VULCAN

CONTRACTOR: Universal DATE: 2004
STAKED BY: J.T.A. DATE: 2004
INSPECTOR: DATE:
FIELD VERIFICATION BY: DATE:
DRAWINGS CORRECTED BY: DATE:
RECORDED BY: DATE:

NO. | BY | DATE

SURVEY INFORMATION
FIELD NOTES

SEAL

ENGINEER'S CERTIFICATION

I HEREBY CERTIFY THAT THIS AS-BUILT INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

KEITH G. PATTON, NEW MEXICO, 14729, REGISTERED PROFESSIONAL ENGINEER

2-11-04

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	CGC
1	12-2003	AS-BUILT & CERTIFY.	YDP

DESIGNED BY YDP DATE 04/2003
DRAWN BY DLM DATE 04/2003
CHECKED BY KGP DATE 10/2003

Bohannan Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING SPATIAL DATA ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

WESTLAND DEVELOPMENT CO.
PAVING PLAN & PROFILE
LADERA DRIVE

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

	MO./DAY/YR.	MO./DAY/YR.
LAST DESIGN UPDATE		

APPROVED
APR 26 2004
CITY ENGINEER

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650282	J-8, J-9	6	21

BHI JOB NO. 00 311A 04

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SCANNED BY MESA REPRO

Centerline Curve Table				
ID	ARC	RADIUS	DE	TANGENT
C3	990.02'	1100.00'	51° 33' 27"	531.37'

Temporary Pavement Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C31	86.38'	406.00'	12°11'27"	43.36'
C32	86.14'	394.00'	12°31'35"	43.24'
C22	85.33'	90.00'	54°19'17"	46.15'

CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T3	S88°56'26"E	575.18'
T4	N39°30'14"E	822.62'

Temp. Pave. Tangent Table		
ID	BEARING	LENGTH
T7	S87°46'36"W	105.23'

MEDIAN AND LEFT TURN DATA			
	STATION	OFFSET	ELEVATION
56	39+53.64	0.95' LT.	5251.~~37~~ .09
57	40+01.25	7.60' LT.	5250.~~91~~ .46
58	40+40.97	13.00' LT.	5249.~~63~~ .86

TEMPORARY PAVEMENT Point Table			
	STATION	OFFSET	ELEVATION
39	30+95.65	13.80' LT.	5267.12 ✓
40	31+81.23	0.87' LT.	5264.~~77~~ .68
41	32+64.51	18.86' RT.	5261.~~00~~ .89
42	32+44.01	6.12' LT.	5262.68 ✓
43	32+46.27	13.44' LT.	5262.45 ✓
47	33+25.21	6.50' RT.	5260.~~65~~ .31

Median Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C23	37.23'	150.00'	14°13'09"	18.71'
C24	19.63'	8.00'	140°36'00"	22.34'
C25	35.71'	50.00'	40°55'31"	18.66'
C26	34.21'	50.00'	39°11'54"	17.80'
C27	19.46'	8.00'	139°24'27"	21.63'
C28	100.03'	1094.00'	05°14'21"	50.05'
C29	48.09'	150.00'	18°22'13"	24.25'
C30	40.12'	150.00'	15°19'28"	20.18'

Storm Drain Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C20	37.89'	1000.00'	02°10'16"	18.95'
C21	67.09'	1000.00'	03°50'39"	33.56'
C22	171.18'	1077.77'	09°06'00"	85.77'
C23	297.06'	900.00'	18°54'40"	149.89'

Storm Drain Tangent Table		
ID	BEARING	LENGTH
T20	S72°01'56"W	47.79'
T21	N48°31'05"W	26.61'
T22	S71°27'44"W	48.01'
T23	S13°02'34"E	63.06'
T24	N46°27'17"W	25.03'
T25	S22°17'41"E	62.34'
T26	N20°36'38"W	287.76'
T27	S38°57'51"W	449.91'

MEDIAN AND LEFT TURN DATA			
	STATION	OFFSET	ELEVATION
44	34+62.00	13.07' LT.	5257.~~41~~ .92
45	34+62.00	1.08' RT.	5257.~~41~~ .63
46	33+61.84	1.23' RT.	5259.~~41~~ .54
48	35+68.19	1.24' RT.	5255.77 ✓
49	35+73.28	12.95' LT.	5255.~~41~~ .18
50	37+13.90	12.88' LT.	5253.~~27~~ .35
51	37+45.54	1.16' LT.	5253.~~41~~ .20
52	37+40.33	12.90' RT.	5252.~~41~~ .78
53	36+00.92	12.95' RT.	5254.97 ✓
54	38+53.53	18.00' RT.	5251.~~41~~ .26
55	38+53.52	0.89' LT.	5252.01 ✓

STORM DRAIN FLOW TABLE							
NUMBER	Q(cfs)	V(cfs)	DEPTH	LENGTH	SIZE	SLOPE
C20	25.66	10.69	14.74"	37.89'	30"	1.66%
C21	31.89	17.29	12.04"	67.09'	30"	5.24%
C22	89.03	14.35	25.82"	171.18'	42"	1.61%
C23	89.03	11.81	30.71"	297.06'	42"	1.00%
T20	9.31	8.92	10.28"	47.79'	18"	2.02%
T21	16.83	21.09	7.24"	26.61'	24"	14.10%
T22	5.58	7.48	7.89"	48.01'	18"	1.78%
T23	8.83	12.26	6.72"	63.06'	24"	5.19%
T24	4.87	14.31	4.45"	25.03'	18"	11.83%
T25	1.36	6.71	3.09"	62.34'	18"	3.99%
T26	57.14	13.22	21.17"	58.25'	36"	1.73%
T27	89.03	11.81	30.71"	449.91'	42"	1.00%

NOTE:
IF THERE IS AN EXISTING DOUBLE YELLOW STRIPE ON THE RIGHT SIDE OF LADERA DR. REMOVE WITH GRINDING AND REPLACE WITH 4" BROKEN WHITE LANE STRIPING PER MUTCD

NOTES

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DILUTED DATA INDICATES FUTURE INFORMATION NOT FOR CONSTRUCTION WITH THIS PROJECT

KEYED GENERAL NOTES

1. INSTALL 6' CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
2. INSTALL 4' CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421
3A. INSTALL WHEELCHAIR RAMP AS PER DETAIL-A SHEET 3
3B. INSTALL WHEELCHAIR RAMP AS PER DETAIL-B SHEET 3
3C. INSTALL WHEELCHAIR RAMP AS PER DETAIL-C SHEET 3
4. STD. CURB & GUTTER AS PER STD. DWG. 2415A
5. MEDIAN CURB & GUTTER AS PER STD. DWG. 2415B
6. EXISTING 6' SIDEWALK AS PER STD. DWG. 2430
7. FUTURE SIDEWALK (BY OTHERS)
8. TYPE I PINNED CURB AS PER STD. DWG. 2415B
9. ASPHALT CURB AS PER STD. DWG. 2415B
10. CONCRETE MEDIAN PAVING SECTION AS PER STD. DWG. 2408 (BAJA RED)
11. TRAIL/BIKE PATH TO BE DESIGNED WITH LANDSCAPE PLANS

AS-BUILT INFORMATION

BENCH MARKS	
ACS STATION NAMED 4 - K6	
3 - 1/4" ALUM. CAP	
HV18 = 4 - K6	
X=1,477,665.89, Y=1,484,081.55	
ELEV=5733.00	
ON PASEO DEL VULCAN, 0.91 MI NORTH OF I - 40, 0.74 MI SOUTH OF POWERLINES, 39.6' NW OF CENTERLINE OF PASEO DEL VULCAN	

CONTRACTOR Universal 2004
WORK STAKED BY J.M.A. DATE 1/05
ACCEPTANCE BY [illegible] DATE 1"
FIELD LOCATION BY C.D.A. DATE 2004
DRAWINGS BY J.M.A. DATE 12/2004
CORRECTED BY [illegible] DATE

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

REMARKS
REVISIONS
DESIGN

NO.	DATE	BY
1	12/2004	CGC
2	4/07/05	CGC

AS-BUILT & CERTIFY.
AS-BUILT & CERTIFY.

DESIGNED BY YOP DATE 04/2003
DRAWN BY BS DATE 04/2003
CHECKED BY KGP DATE 04/2003

ENGINEER'S SEAL
STEVEN D. PATTON
NEW MEXICO
10680
REGISTERED PROFESSIONAL ENGINEER
2-11-04

Bohannan ▲ Huston Inc.
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

WESTLAND DEVELOPMENT CO.
PAVING PLAN & PROFILE
LADERA DRIVE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
[illegible]	APPROVED APR 26 2004 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650282	J-8, J-9	7	21

BHI JOB NO. 00 311A 04

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13-FEB-2004
11:52

SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

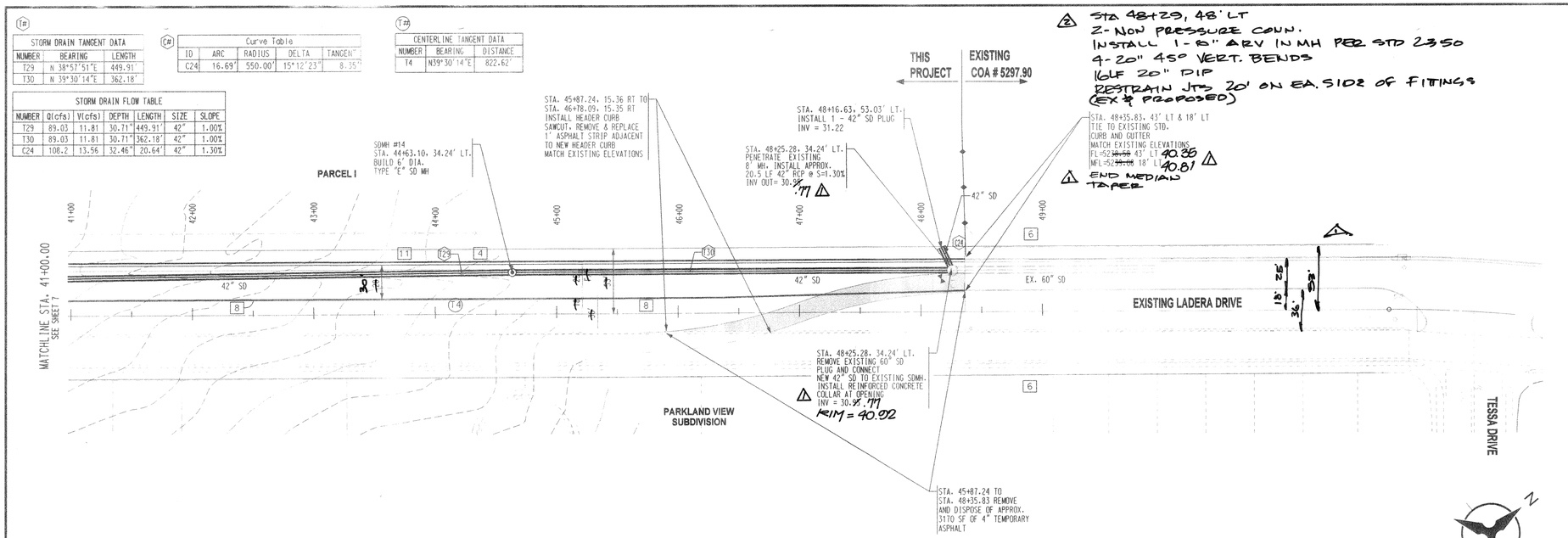
SCANNED BY MESA REPRO

STORM DRAIN TANGENT DATA		
NUMBER	BEARING	LENGTH
T29	N 38°57'51"E	449.91'
T30	N 39°30'14"E	362.18'

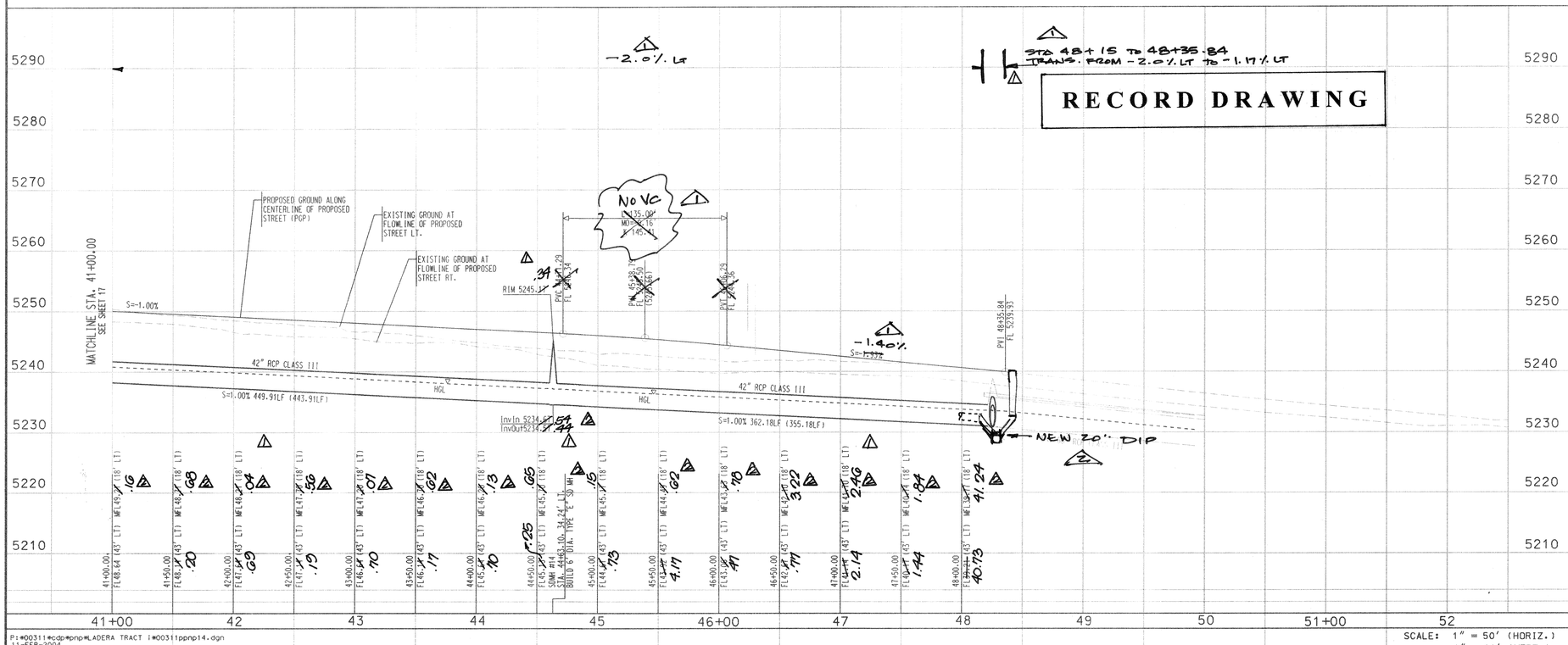
Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C24	16.69'	550.00'	15°12'23"	8.35'

CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T4	N39°30'14"E	822.62'

STORM DRAIN FLOW TABLE						
NUMBER	Q(cfs)	V(cfs)	DEPTH	LENGTH	SIZE	SLOPE
T29	89.03	11.81	30.71"	449.91'	42"	1.00%
T30	89.03	11.81	30.71"	362.18'	42"	1.00%
C24	108.2	13.56	32.46"	20.64'	42"	1.30%



LADERA DRIVE



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11-FEB-2004
11:32

NOTES

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2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
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DILUTED DATA INDICATES FUTURE INFORMATION NOT FOR CONSTRUCTION WITH THIS PROJECT

KEYED GENERAL NOTES

1 INSTALL 6' CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
2 INSTALL 4' CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421
3A INSTALL WHEELCHAIR RAMP AS PER DETAIL-A SHEET 3
3B INSTALL WHEELCHAIR RAMP AS PER DETAIL-B SHEET 3
3C INSTALL WHEELCHAIR RAMP AS PER DETAIL-C SHEET 3
4 STD. CURB & GUTTER AS PER STD. DWG. 2415A
5 MEDIAN CURB & GUTTER AS PER STD. DWG. 2415B
6 EXISTING 6' SIDEWALK AS PER STD. DWG. 2430
7 FUTURE SIDEWALK (BY OTHERS)
8 TYPE I PINNED CURB AS PER STD. DWG. 2415B
9 ASPHALT CURB AS PER STD. DWG. 2415B
10 CONCRETE MEDIAN PAVING SECTION AS PER STD. DWG. 2408 (BAJA RED)
11 TRAIL/BIKE PATH TO BE DESIGNED WITH LANDSCAPE PLANS

SEAL SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS
ACS STATION NAMED 4 - K6
3-1/4" ALUM. CAP
HV18 = 4 - K6
X=1,477,665.89, Y=1,484,081.55
ELEV=5733.00
ON PASEO DEL VULCAN. 0.91 MI NORTH OF I - 40. 0.74 MI SOUTH OF POWERLINES. 39.6' NW OF CENTERLINE OF PASEO DEL VULCAN

AS-BUILT INFORMATION
CONTRACTOR Universal DATE 2004
STAKED BY J.T.A. DATE 2004
INSPECTOR SEC DATE 1/05
AS-BUILTED BY COA DATE
FIELD VERIFICATION BY J.T.A. DATE 4/04
DRAWINGS CORRECTED BY J.T.A. DATE 4/04
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL
NEW MEXICO
KEVIN G. PAXTON
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
2-11-04

NO.	DATE	REMARKS	BY
		DESIGN	CGC
		REVISIONS	CGC
1	12/2003	AS-BUILT & CERTIFY.	CGC
2	4-01-04	AS-BUILT & CERTIFY.	CGC

DESIGNED BY YOP DATE 04/2003
DRAWN BY DLM DATE 04/2003
CHECKED BY KGP DATE 10/2003

Bohannan ▲ Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

WESTLAND DEVELOPMENT CO.
LADERA DRIVE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL		MO./DAY/YR.	MO./DAY/YR.
MAR - 3 2004	APPROVED APR 26 2004 CITY ENGINEER	LAST DESIGN UPDATE		

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650282	J-8, J-9	8	21

BHI JOB NO. 00 311A 04

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SCANNED BY MESA REPRO

FUTURE LADERA DRIVE

FUTURE ARROYO VISTA BOULEVARD

ARROYO VISTA BLVD. TRANSITION

FROM STA. 98+88.16 to 99+89.66
CROSS SLOPE TRANSITION FROM
0.0% LT. TO +1.0% LT. RIGHT
TO REMAIN -1.0%

FROM STA. 99+89.66 to 102+06.48
+1.0% LT. & -1.0% RT

FROM STA. 102+06.48 to 103+07.98
CROSS SLOPE TRANSITION FROM
+1.0% LT. TO 0.0% LT.
RIGHT TO REMAIN -1.0%

FROM STA. 103+07.98 to 104+09.48
CROSS SLOPE TRANSITION FROM
0.0% LT. TO -1.0% LT. RIGHT
TO REMAIN -1.0%

SEE SHEET 14 FOR FURTHER
CROSS-SLOPE TRANSITIONS

LADERA DRIVE TRANSITION

STA. 10+00.00 to 13+01.00
TRANSITION FROM 0.70%
CROSS-SLOPE TO 2% CROWN

SEE SHEET 15 FOR FURTHER
CROSS-SLOPE TRANSITIONS

STA. 10+00.00, LADERA DRIVE=
STA. 100+99.06, ARROYO VISTA BOULEVARD

ARROYO VISTA BOULEVARD
SEE SHEET 4

LADERA DRIVE
SEE SHEET 5

RECORD DRAWING

Point Table		
	EASTING	NORTHING
1	1491746.56	1489934.72
2	1491743.26	1489999.89
3	1491766.23	1490048.95
4	1491787.40	1490065.92
5	1491848.29	1490092.61
6	1491724.22	1490007.55
7	1491716.41	1490007.28
8	1491706.63	1490045.28
9	1491713.77	1490057.49
10	1491750.06	1490066.32
11	1491752.00	1490063.02
12	1491704.04	1490055.12
13	1491731.18	1490093.35
14	1491716.26	1490096.50
15	1491806.72	1490184.48
16	1491738.13	1490177.75
17	1491686.35	1490200.55
18	1491667.73	1490224.11
19	1491641.04	1490290.68
20	1491727.15	1490151.31
21	1491690.82	1490142.47
22	1491678.79	1490149.60
23	1491669.67	1490183.71
24	1491672.94	1490185.71
25	1491726.92	1490159.14
26	1491681.32	1490140.16
27	1491629.71	1489872.20
28	1491604.69	1489941.09
29	1491586.05	1489965.91
30	1491536.01	1489989.52
31	1491470.38	1489985.90
32	1491581.78	1490025.36
33	1491593.81	1490018.18
34	1491603.03	1489982.45
35	1491599.73	1489980.50
36	1491544.52	1490008.42
37	1491544.31	1490016.24
38	1491591.31	1490027.68
39	1491413.07	1490074.87
40	1491480.23	1490100.04
41	1491504.20	1490118.11
42	1491528.29	1490170.44
43	1491523.18	1490235.96
44	1491555.20	1490162.75
45	1491565.94	1490122.60
46	1491558.64	1490110.30
47	1491520.67	1490101.06
48	1491518.74	1490104.38
49	1491547.38	1490162.36
50	1491568.58	1490112.72
51	1491625.55	1490155.15
52	1491627.80	1490169.95
53	1491644.23	1489998.98
54	1491646.65	1490013.68
55	1491539.27	1490074.71
56	1491554.01	1490072.12

CURVE DATA

NUMBER	DELTA	TANGENT	ARC	RADIUS
C1	00°49'14"	36.31'	72.61'	5070.00'
C2	20°53'12"	33.18'	65.62'	180.00'
C3	52°26'58"	44.33'	82.39'	90.00'
C4	12°43'25"	33.45'	66.62'	300.00'
C5	32°45'10"	32.33'	62.88'	110.00'
C6	00°26'40"	19.62'	39.24'	5058.00'
C7	07°43'44"	71.33'	142.45'	1056.00'
C8	22°04'19"	35.11'	69.34'	180.00'
C9	55°51'02"	47.70'	87.73'	90.00'
C10	13°43'45"	36.12'	71.89'	300.00'
C11	31°44'33"	31.27'	60.94'	110.00'
C12	14°02'00"	36.92'	73.48'	300.00'
C13	55°39'51"	47.52'	87.44'	90.00'
C14	21°02'23"	33.43'	66.10'	180.00'
C15	32°39'47"	32.23'	62.71'	110.00'
C16	13°43'46"	36.12'	71.89'	300.00'
C17	56°32'00"	48.39'	88.80'	90.00'
C18	21°02'22"	33.43'	66.10'	180.00'
C19	34°11'21"	33.83'	65.64'	110.00'
C20	00°25'04"	18.45'	36.90'	4942.00'

TANGENT DATA

NUMBER	BEARING	DISTANCE
T1	S14°58'52"E	35.31'
T2	S14°58'52"E	41.56'
T3	N76°19'15"E	37.18'
T4	N76°19'15"E	39.09'
T5	N76°19'18"E	38.56'
T6	N76°19'15"E	37.39'

MEDIAN CURB & GUTTER — HEADER CURB — HEADER CURB — MEDIAN CURB & GUTTER
VARIES — 6' — VARIES
CONCRETE MEDIAN PAVING AS PER STD. DWG. 2408

SECTION A-F
NOT TO SCALE

KEYED GENERAL NOTES

1. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
2. LARGE PULLBOX FOR SIGNAL & VIDEO PER COA STD DETAIL
3. STANDARD PULLBOX PER COA STD DETAIL FOR LIGHTING
4. STD. CURB & GUTTER AS PER STD DWG 2415
5. MEDIAN CURB & GUTTER AS PER STD. DWG. 2415
6. CONCRETE MEDIAN PAVING SECTION AS PER STD. DWG. 2408 (RED BAJA)
7A. INSTALL WHEELCHAIR RAMP PER DETAIL-B SEE SHEET 3
7B. INSTALL WHEELCHAIR RAMP PER DETAIL-C SEE SHEET 3
8. INSTALL TYPE B SQUARE MASTARM FOUNDATION PER STD DWG 2558
9. INSTALL STREET LIGHT FOUNDATION PER STD DWG 2580

SCALE: 1" = 20'
(HORIZ.)

SEAL

SURVEY INFORMATION — FIELD NOTES

NO.	BY	DATE

BENCH MARKS

ACS STATION NAMED 4 - K6
3 -1/4" ALUM. CAP
HV18 = 4 - K6
X=1,477,665.89, Y=1,484,081.55
ELEV=5733.00
ON PASEO DEL VULCAN, 0.91 MI NORTH
OF I - 40, 0.74 MI SOUTH OF
POWERLINES, 39.6' NW OF CENTERLINE
OF PASEO DEL VULCAN

AS-BUILT INFORMATION

CONTRACTOR Universal 2004
STAKED BY J.M.A. 2004
INSPECTED BY SEC DATE 10/5
CONSTRUCTURE'S INSPECTOR
FIELD LOCATION BY COA DATE 12/2004
DRAWINGS BY J.M.A. DATE 4 01 2005
CORRECTED BY
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

KEITH G. TAYLOR — NEW MEXICO — REGISTERED PROFESSIONAL ENGINEER
2-11-04

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	CGC
1	12-2004	AS-BUILT & CERTIFY.	CGC
2	4-01-05	AS-BUILT & CERTIFY.	CGC

DESIGNED BY YOP DATE 04/2003
DRAWN BY YOP DATE 04/2003
CHECKED BY KGP DATE 04/2003

Bohannan ▲ Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

WESTLAND DEVELOPMENT CO.
INTERSECTION DETAIL
LADERA DRIVE /ARROYO VISTA BOULEVARD

DESIGN REVIEW COMMITTEE — CITY ENGINEER APPROVAL — APPROVED APR 26 2004 CITY ENGINEER — LAST DESIGN UPDATE — MO./DAY/YR. — MO./DAY/YR.

CITY PROJECT NO. | ZONE MAP NO. J-8/J-9 | SHEET 9 OF 23

BHI JOB NO. 00311A04

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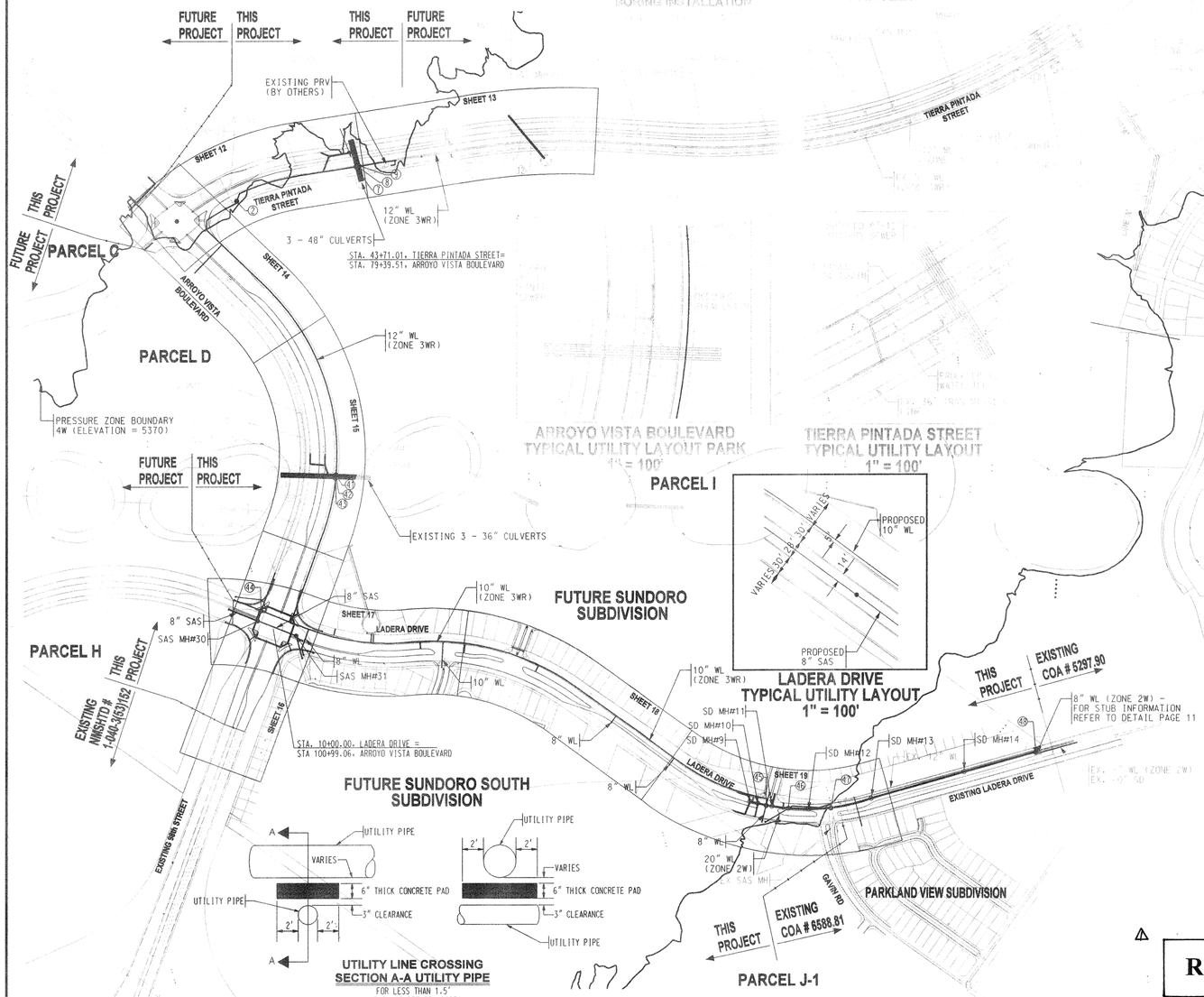
MESA REPRO



LEGEND

PROPOSED CURB AND GUTTER	
EXISTING CURB AND GUTTER	
FUTURE CURB AND GUTTER	
PROPOSED STORM DRAIN MANHOLE	
EXISTING STORM DRAIN MANHOLE	
PROPOSED SANITARY SEWER MANHOLE	
EXISTING SANITARY SEWER MANHOLE	
PROPOSED FIRE HYDRANT	
EXISTING FIRE HYDRANT	
PROPOSED GATE VALVE	
EXISTING GATE VALVE	
PROPOSED STORM DRAIN LINE	SD
EXISTING STORM DRAIN LINE	SD
FUTURE STORM DRAIN LINE	SD
PROPOSED SANITARY SEWER LINE	SAS
EXISTING SANITARY SEWER LINE	SAS
FUTURE SANITARY SEWER LINE	SAS
PROPOSED WATERLINE	WL
EXISTING WATERLINE	WL
FUTURE WATERLINE	WL

DILUTED DATA INDICATES FUTURE INFORMATION NOT FOR CONSTRUCTION WITH THIS PROJECT

Crossings

DES	SAS	SD	WL	EXISTING WL	Clearance
2	- - - - - -	- - - - - -	12" TP 65.34	36" TP 63.25	1.09
	- - - - - -	- - - - - -	12" INV 64.34	36" INV 60.17	
7	- - - - - -	48" TP 62.29	12" TP 55.82	- - - - - -	1.51
	- - - - - -	48" INV 57.33	12" INV 54.74	- - - - - -	
8	- - - - - -	48" TP 62.29	12" TP 55.82	- - - - - -	1.51
	- - - - - -	48" INV 57.33	12" INV 54.74	- - - - - -	
9	- - - - - -	48" TP 62.28	12" TP 55.82	- - - - - -	1.50
	- - - - - -	48" INV 57.32	12" INV 54.74	- - - - - -	
41	- - - - - -	EX36" TP 26.80	12" TP 34.82	- - - - - -	6.89
	- - - - - -	EX36" INV 23.00	12" INV 33.69	- - - - - -	
42	- - - - - -	EX36" TP 26.31	12" TP 34.70	- - - - - -	7.26
	- - - - - -	EX36" INV 22.52	12" INV 33.57	- - - - - -	
43	- - - - - -	EX36" TP 26.33	12" TP 34.57	- - - - - -	7.11
	- - - - - -	EX36" INV 22.54	12" INV 33.44	- - - - - -	
44	8" TP 11.79	- - - - - -	12" TP 14.29	- - - - - -	1.37
	8" INV 11.04	- - - - - -	12" INV 13.16	- - - - - -	
45	- - - - - -	30" TP 49.91	8" TP 52.39	- - - - - -	1.75
	- - - - - -	30" INV 46.83	8" INV 51.67	- - - - - -	
46	- - - - - -	42" TP 47.60	20" TP 50.76	- - - - - -	1.43
	- - - - - -	42" INV 43.23	20" INV 49.03	- - - - - -	
47	- - - - - -	48" TP 45.45	- - - - - -	12" TP 47.14	0.61
	- - - - - -	48" INV 40.49	- - - - - -	12" INV 46.05	
48	- - - - - -	42" TP 35.04	8" TP 36.91	- - - - - -	1.16
	- - - - - -	42" INV 30.66	8" INV 36.19	- - - - - -	

- GATE VALVES AND BOXES AS PER COA STD DWGS 2526 & 2528
- WATER METERS AND SERVICES AS PER COA STD DWG 2362
- SANITARY SEWER SERVICES AS PER COA STD DWG 2125
- SEE SPECIFICATION 498 WATER & SANITARY SEWER SERVICE INSTALLATION

RECORD DRAWING

SCALE: 1" = 300'
(HORIZ.)

AS-BUILT INFORMATION
BENCH MARKS
ACS STATION NAMED 4 - K6
3 -1/4" ALUM. CAP
HV18 = 4 - K6
X=1,477,665.89, Y=1,484,081.55
ELEV=5733.00
ON PASEO DEL VULCAN, 0.91 MI NORTH OF I - 40, 0.74 MI SOUTH OF POWERLINES, 39.6' NW OF CENTERLINE OF PASEO DEL VULCAN

CONTRACTOR Universal
WORK STAKED BY J.M.A. DATE 2001
CONSTRUCTION ACCEPTANCE BY Sec DATE 1st
FIELD LOCATION BY COA DATE "
DRAWINGS CORRECTED BY J.M.A. DATE 12/2001
RECORDED BY DATE

NO. | BY | DATE
1 | YDP | 03/2001
2 | DLM | 03/2001
3 | KGP | 10/2001

REMARKS
REVISIONS
DESIGN

1/12/2001 RECORDED DRAWING.

ENGINEER'S SEAL
KARLA G. PATTON NEW MEXICO 14729 REGISTERED PROFESSIONAL ENGINEER
4-01-05

Bohannan Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

WESTLAND DEVELOPMENT CO.
OVERALL UTILITY PLAN
& UTILITY SHEET INDEX

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | MO./DAY/YR. | MO./DAY/YR.
MAR - 3 2004
APR 26 2004 CITY ENGINEER
LAST DESIGN UPDATE

CITY PROJECT NO. 650282 | ZONE MAP NO. H-9/J-8/J-9 | SHEET 10 OF 21

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BHI JOB NO. 00311A04

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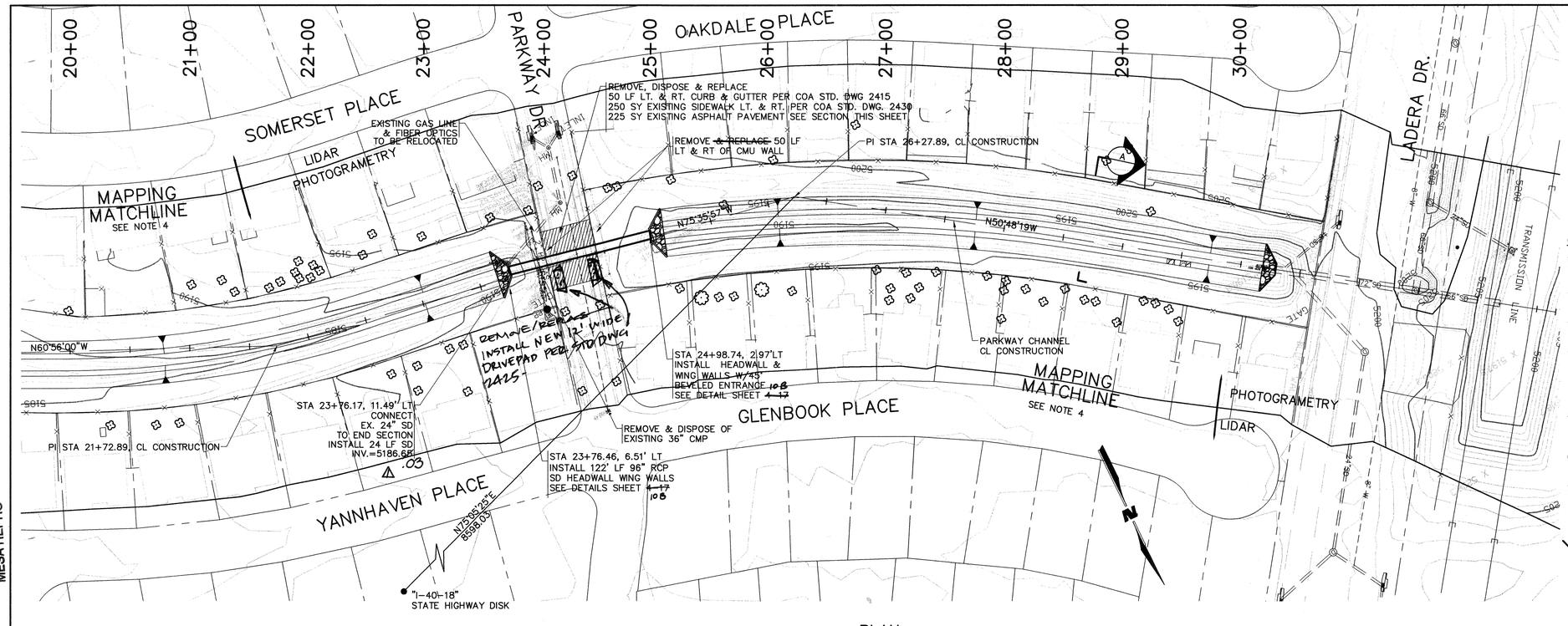
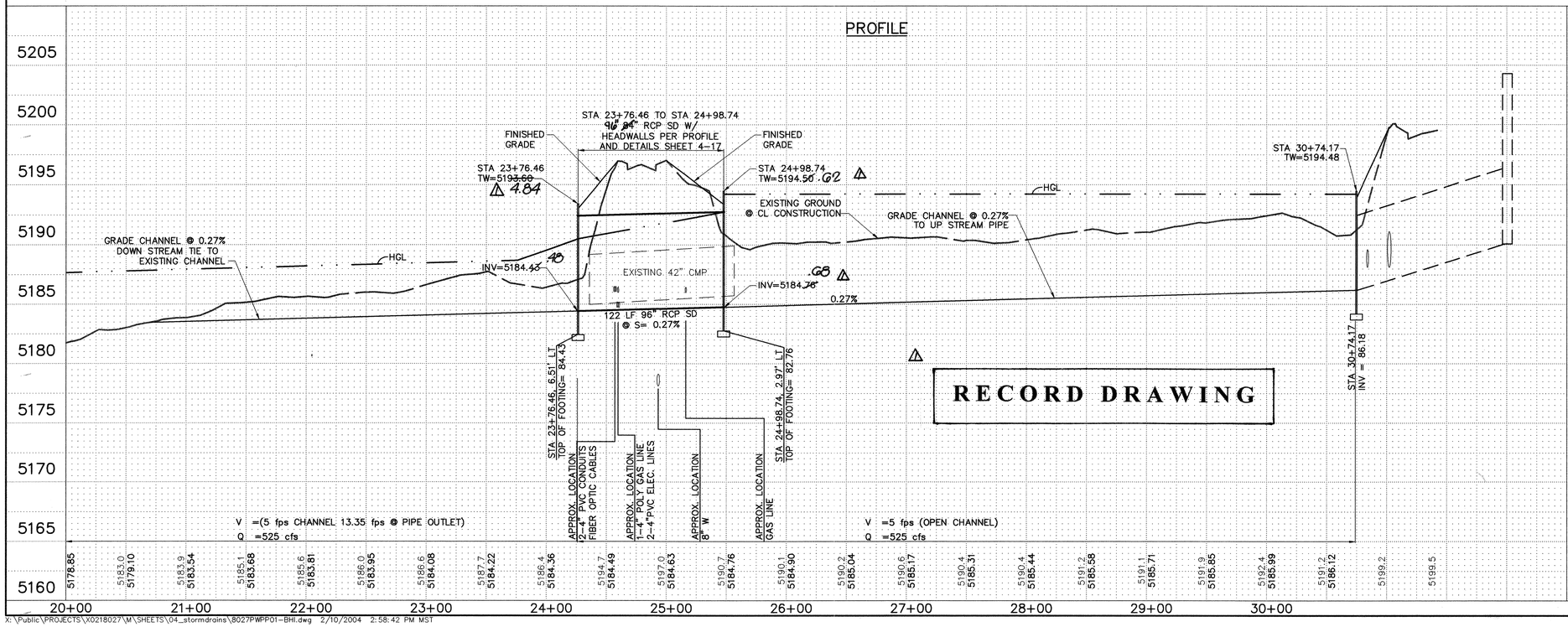


PLAN



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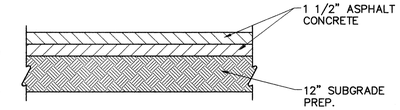
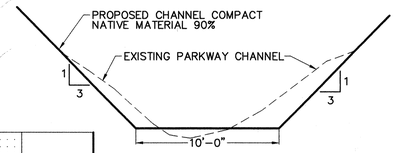


PARKWAY PAVEMENT SECTION
N.T.S

GENERAL NOTES

1. ALL R/W AND PROPERTY LINES SHOWN ARE APPROXIMATE LOCATIONS.
2. CONTOUR INFORMATION SHOWN IS BASED ON LIDAR MAPPING DONE FOR BERNALILLO COUNTY BY THE ARMY CORPS OF ENGINEERS.
3. SPOT ELEVATIONS SHOWN ARE BASED ON FIELD SURVEYED BY WILSON & COMPANY INC.
4. CONTOUR INFORMATION SHOWN OUTSIDE OF THE MAPPING IS BASED ON LIDAR MAPPING DONE FOR THE COUNTY BY THE CORPS OF ENGINEERS. CONTOUR INFORMATION SHOWN INSIDE OF THE MAPPING MATCH LINE IS BASED ON AERIAL PHOTOGRAMETRY BY WILSON & COMPANY. 1-02-01
5. DATUM ELEVATION
   NGVD 29 Z=5103.978
   NAVD 88 Z=5106.68
6. CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, & FEDERAL STATUES FOR DUST AND SEDIMENT CONTROL.
7. CONTRACTOR SHALL COORDINATE WITH PNM, QWEST & COMCAST FOR DRY UTILITY RELOCATION REQUIRED. CONTRACTOR SHALL RELOCATE WATER AND SAS AS NEEDED. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATION COST.



SECTION A
NTS

SCALE:
HORIZ: 1" = 50'
VERT: 1" = 5'

AS-BUILT INFORMATION
CONTRACTOR Universal 2004
WORK STAKED BY J.M.A. DATE 2004
ACCEPTANCE BY Sec DATE 10/5
FIELD VERIFICATION BY COA DATE "
DRAWINGS CORRECTED BY J.M.A. DATE 12-04
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
A STANDARD STATE HIGHWAY COMMISSION DISK STAMPED STA I-40-18, AND IS FLUSH WITH THE GROUND.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	BY	DATE	REMARKS / REVISIONS
1	CQC	12-04	AS-BUILT & CERTIFY.

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY TJA DATE FEB 04
DRAWN BY STAFF DATE FEB 04
CHECKED BY DSA DATE FEB 04

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

WEST I-40 CHANNEL
PARKWAY STORM DRAIN
PLAN & PROFILE

Design Review Committee — MAR - 3 2004
City Engineer Approval — APPROVED APR 26 2004 CITY ENGINEER
Last Design Update
Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 650282
Zone Map No. J-10
Sheet 10A Of 21

WILSON & COMPANY

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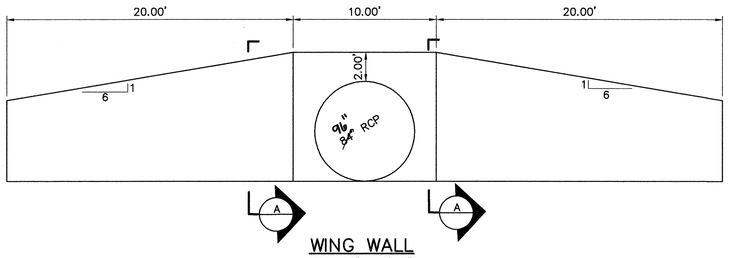
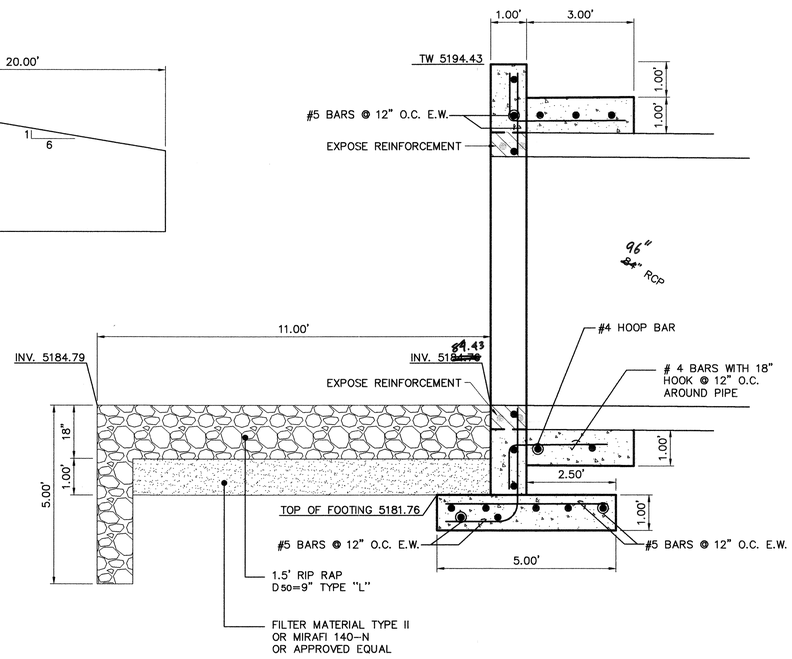
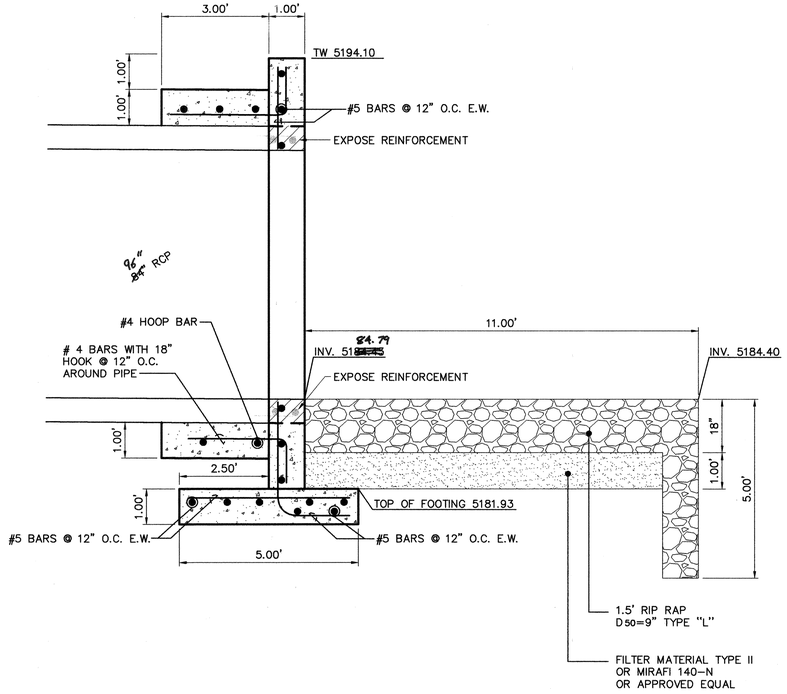


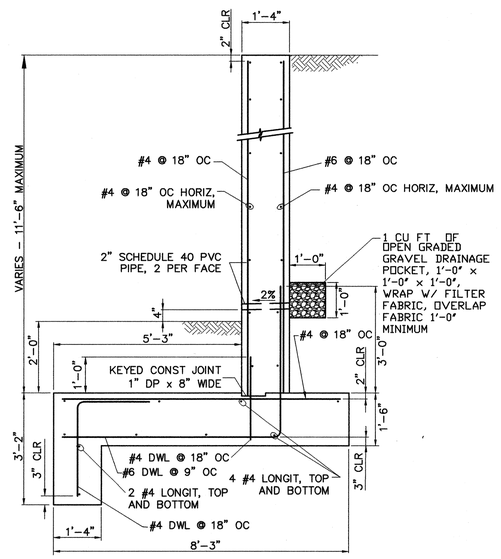
WING WALL
SCALE 1" = 5'-0"



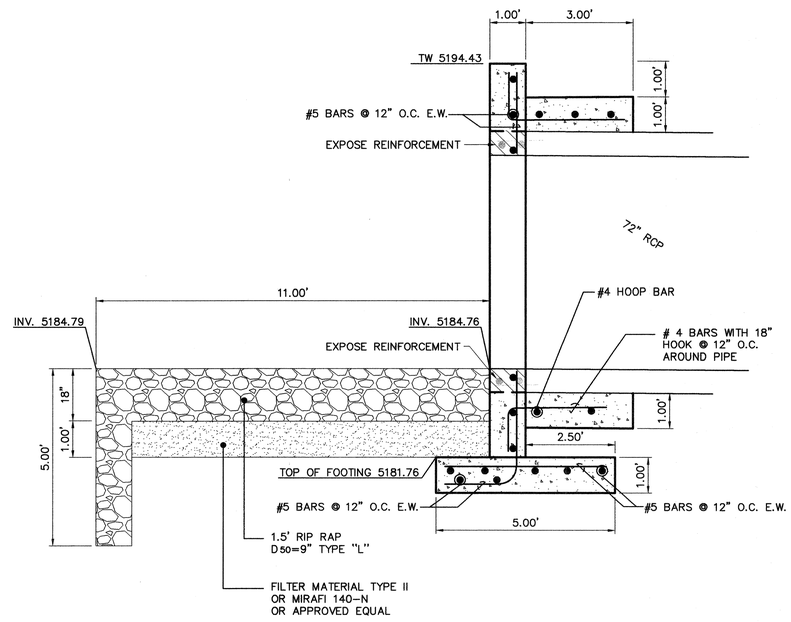
PARKWAY CHANNEL HEADWALL STA. 23+76.17
SCALE: HORIZ. 1"=2'
VERT. 1"=2'



PARKWAY CHANNEL HEADWALL STA. 24+98.74
SCALE: HORIZ. 1"=2'
VERT. 1"=2'



WING WALL DETAIL A
SCALE 1" = 2'-0"



PARKWAY CHANNEL HEADWALL STA. 30+74.17
SCALE: HORIZ. 1"=2'
VERT. 1"=2'

⚠ RECORD DRAWING

SCANNED BY MESA RETRO

AS-BUILT INFORMATION
CONTRACTOR Universal 2004
WORK DONE BY J.M.A. DATE 4/2004
INSPECTOR'S INITIALS SEC DATE 10/5
FIELD VERIFICATION BY S.O.A. DATE
DRAWING CORRECTED BY J.M.A. DATE 9/2004
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
A STANDARD STATE HIGHWAY COMMISSION DISK STAMPED STA I-40-18, AND IS FLUSH WITH THE GROUND.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
⚠	12/2004	RECORD DRAWING.	CGC

REVISIONS

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY TJA DATE FEB 04
DRAWN BY STAFF DATE FEB 04
CHECKED BY DSA DATE FEB 04

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

WEST I-40 CHANNEL
PARKWAY STORM DRAIN
HEADWALL SECTIONS

Design Review Committee: MAR - 3 2004 — CITY ENGINEER REVIEW COMMITTEE
City Engineer Approval: APPROVED APR 26 2004 CITY ENGINEER
Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 650282
Zone Map No. J-10
Sheet 10B Of 21

WILSON & COMPANY

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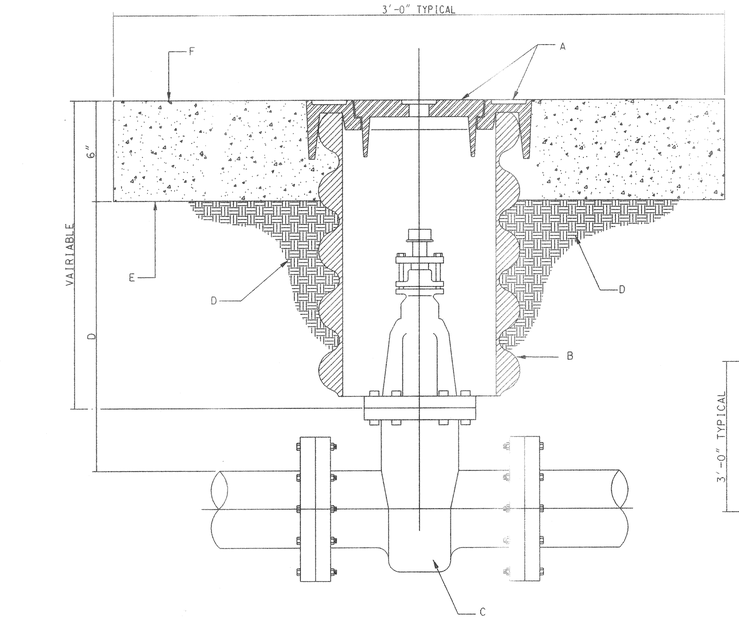
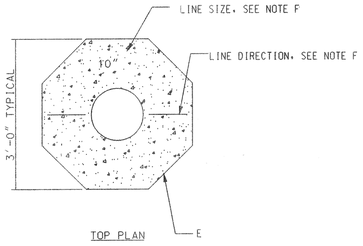
MESA REPRO





TOP PLAN

GENERAL NOTES:

A VALVE BOX RING AND COVER. SEE DWG. 2328.

B 10" DIAMETER RIBBED OR CORRUGATED PVC OR PE PIPE WITH SMOOTH INTERIOR.

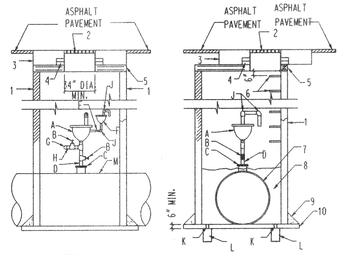
C NEW OR EXISTING VALVE.

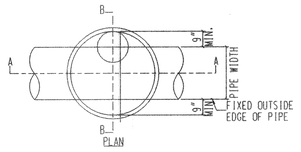
D COMPACTED BACKFILL. SOIL OR BASE COURSE MATERIAL (95% COMPACTION). SEE SECTION 701.

E 3'-0"x3'-0" OCTAGONAL CONCRETE COLLAR. COLLAR IS TO BE TAPERED IN UNPAVED ROADWAYS AND FLUSH IN PAVED ROADWAY. CONCRETE STRENGTH SHALL BE PER SECTION 101 OF THE STANDARD SPECIFICATIONS, LATEST EDITION.

F TOP OF CONCRETE COLLAR SHALL BE STAMPED WITH LINE SIZE AND DIRECTION. MINIMUM LETTER SIZE SHALL BE 3" IN HEIGHT.

REVISIONS	CITY OF ALBUQUERQUE WATER VALVE BOX DWG. 2326 JANUARY 2002





MATERIALS LIST

NOTE: ALL PIPING AND FITTINGS SHALL BE SCH. 40 THREADED GALVANIZED STEEL. SIZE IS DETERMINED BY SPECIFIC AIR/VACUUM RELEASE VALVE TO BE INSTALLED.

A COMBINATION AIR AND VACUUM RELEASE VALVE. SIZE AS SHOWN ON PLAN.

B GATE VALVE. SAME SIZE AS COMBINATION AIR AND VACUUM RELEASE VALVE INLET.

C MINIMUM 6" FLANGE NOZZLE OR FLANGE TAPPING SADDLE. PROVIDE BLIND FLANGE TAPPED FOR THREADED NIPPLE WHERE AIR/VAC VALVE IS SHOWN TO BE LESS THAN 6".

D CAST IRON NIPPLE.

E 1" BALL VALVE.

F 1" AIR RELEASE VALVE.

G THREADED CAP.

H THREADED NIPPLE FOR VENT AND HOSE CONNECTION.

J 90° ELBOW.

K 4" DIA. SCHEDULE 40 PVC PIPE SLEEVE THROUGH MANHOLE BASE.

L 12"x12"x18" DEEP 1" CLEAN GRAVEL.

M WATER MAIN.

CONSTRUCTION NOTES:

1 MANHOLE MAY BE CONSTRUCTED OF CONCRETE BLOCK, GR. MS BRICK, POURED CONCRETE, OR PRECAST REINFORCED CONCRETE. IF BLOCK OR BRICK, PLASTER INSIDE AND OUT WITH 1/2" MORTAR. SEE DWG 2101.

2 USE 36" MH FRAME AND COVER. COVER MARKED "WATER".

3 5'x5' OCTAGONAL CONCRETE PAD.

4 USE ADJUSTMENT RINGS OR MAX. 2 COURSES GR MS BRICK FOR ADJUSTMENT OF MH FRAME TO PAVEMENT GRADE.

5 PRECAST CONCRETE COVER. SEE DWG 2107, EXCEPT OPENING SHALL BE 34" DIAMETER MINIMUM.

6 STEPS TO BE INSTALLED PER STD SPEC SEC 920.

7 CUT MANHOLE TO PROVIDE A 4" CLEARANCE AROUND WATER MAIN

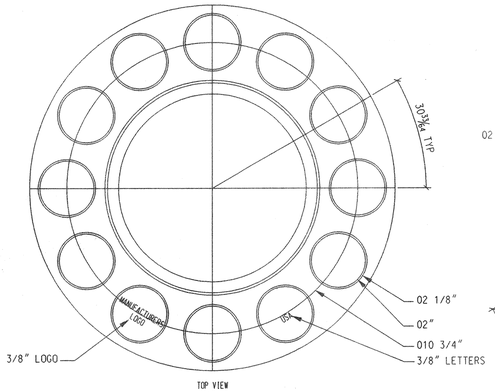
8 1" CLEAN GRAVEL TO TOP OF MAIN.

9 6" GROUT FILLET AROUND BASE

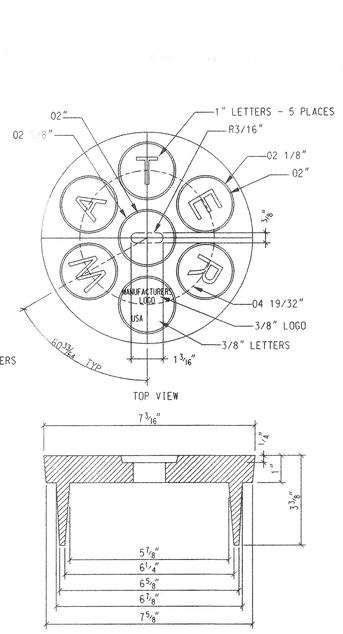
10 CONCRETE BASE TO BE POURED IN PLACE USING #4 BARS AT 12" OC EACH WAY.

RECORD DRAWING

AIR/VACUUM RELEASE VALVE COA STD. DWG. 2350



VALVE BOX RING



VALVE BOX COVER

GENERAL NOTES - RING

1 ALBUQUERQUE VALVE BOX RING DESIGNED TO ACCEPT AN ALBUQUERQUE VALVE BOX COVER.

2 THE CASTING NUMBER, MANUFACTURER'S LOGO, DATE OF MANUFACTURE AND "USA" SHALL BE CAST IN A CONSPICUOUS LOCATION ON BOTH THE RING AND THE COVER.

3 FILLETS SHALL BE 1/4"R UNLESS OTHERWISE SPECIFIED.

4 A DRAFT ANGLE OF 3°-5° SHALL BE APPLIED UNLESS OTHERWISE SPECIFIED.

5 FINISH: REMOVE EXCESS IRON AND FINS.

6 THIS DETAIL DOES NOT APPLY FOR VALVE BOX RING AND COVER TO BE USED ON REUSE OR NON-POTABLE WATER SYSTEMS.

GENERAL NOTES - COVER

1 ALBUQUERQUE VALVE BOX COVER DESIGNED TO FIT INTO AN ALBUQUERQUE VALVE BOX RING.

2 THE CASTING NUMBER, MANUFACTURER'S LOGO, DATE OF MANUFACTURE AND "USA" SHALL BE CAST IN A CONSPICUOUS LOCATION ON BOTH THE RING AND THE COVER.

3 FILLETS SHALL BE 1/4"R UNLESS OTHERWISE SPECIFIED.

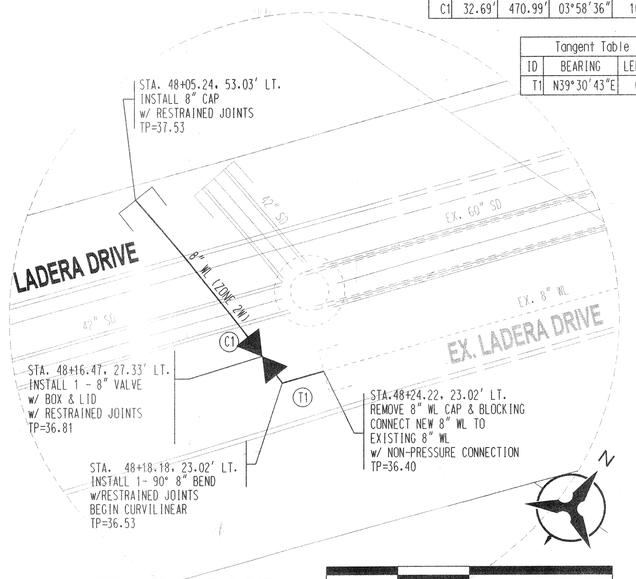
4 A DRAFT ANGLE OF 3°-5° SHALL BE APPLIED UNLESS OTHERWISE SPECIFIED.

5 FINISH: REMOVE EXCESS IRON AND FINS.

REVISIONS	CITY OF ALBUQUERQUE WATER RING AND COVER FOR VALVE BOX DWG. 2328 JANUARY 2002

Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C1	32.69'	470.99'	03°58'36"	16.35'

Tangent Table		
ID	BEARING	LENGTH
T1	N39°30'43"E	6.04'



LADERA DR. EAST
8" WATERLINE STUB

Bohannan Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING · SPATIAL DATA · ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

WESTLAND NORTH PHASE 1

UTILITY DETAILS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
MAR - 3 2004	APR 26 2004 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650282	H-9/J-8/J-9	11	21

AS-BUILT INFORMATION

BENCH MARKS
ACS STATION NAMED K6
3 -1/4" ALUM. CAP
HV18 = 4 - K6
X=1,477,665.89; Y=1,484,081.55
ELEV=5733.00

CONTRACTOR Universal 2004
WORK STAKED BY J.M.A. 2004
INSPECTED BY SAC DATE 1105
ACCEPTANCE BY COA DATE 11
FIELD LOCATION BY J.M.A. DATE 12/2004
DRAWINGS CORRECTED BY J.M.A. DATE 12/2004

MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

ON PASEO DEL VULCAN, 0.91 MI NORTH OF I - 40, 0.74 MI SOUTH OF POWERLINES, 39.6' NW OF CENTERLINE OF PASEO DEL VULCAN

SEAL ENGINEER'S SEAL

RECORD DRAWING

NO.	DATE	REMARKS	BY
		DESIGN	DESIGNED BY KGP/YOP DATE 04/2003
		REVISIONS	DRAWN BY DLM DATE 04/2003
4	12-04	RECORD DRAWING	CHECKED BY KGP DATE 04/2003

BHI JOB NO. 00311A04

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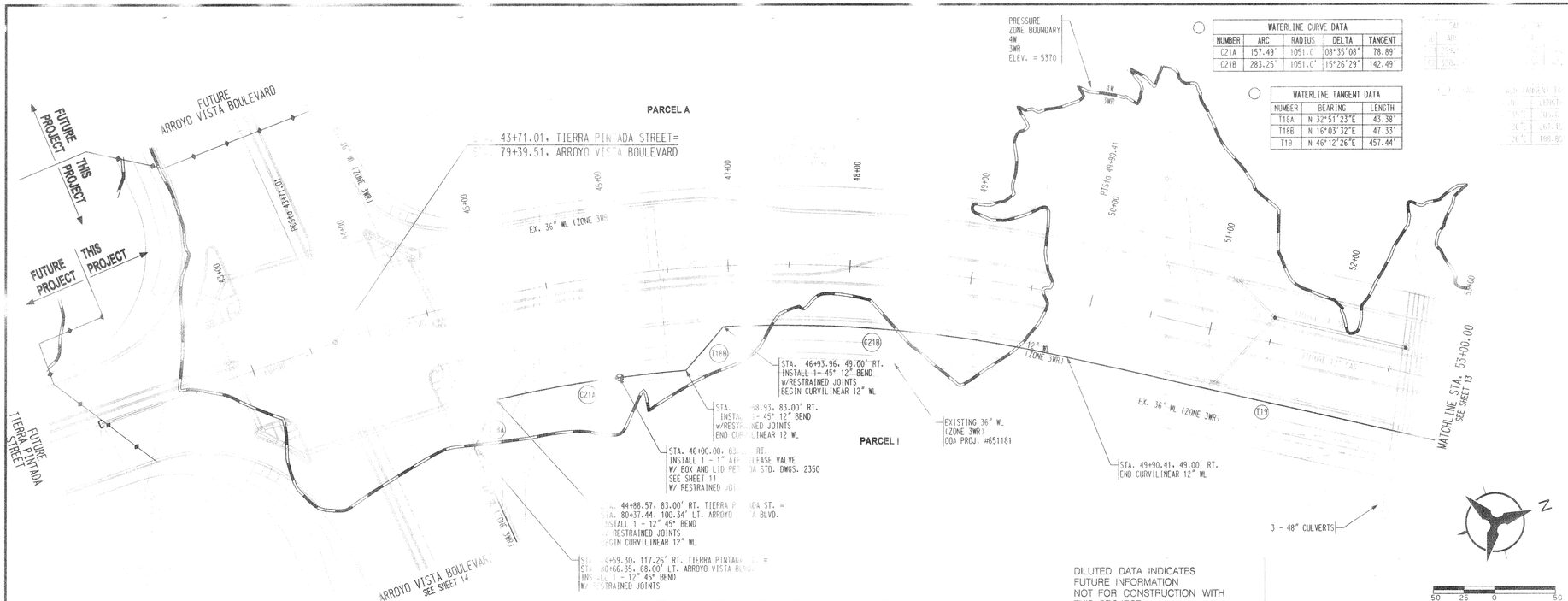
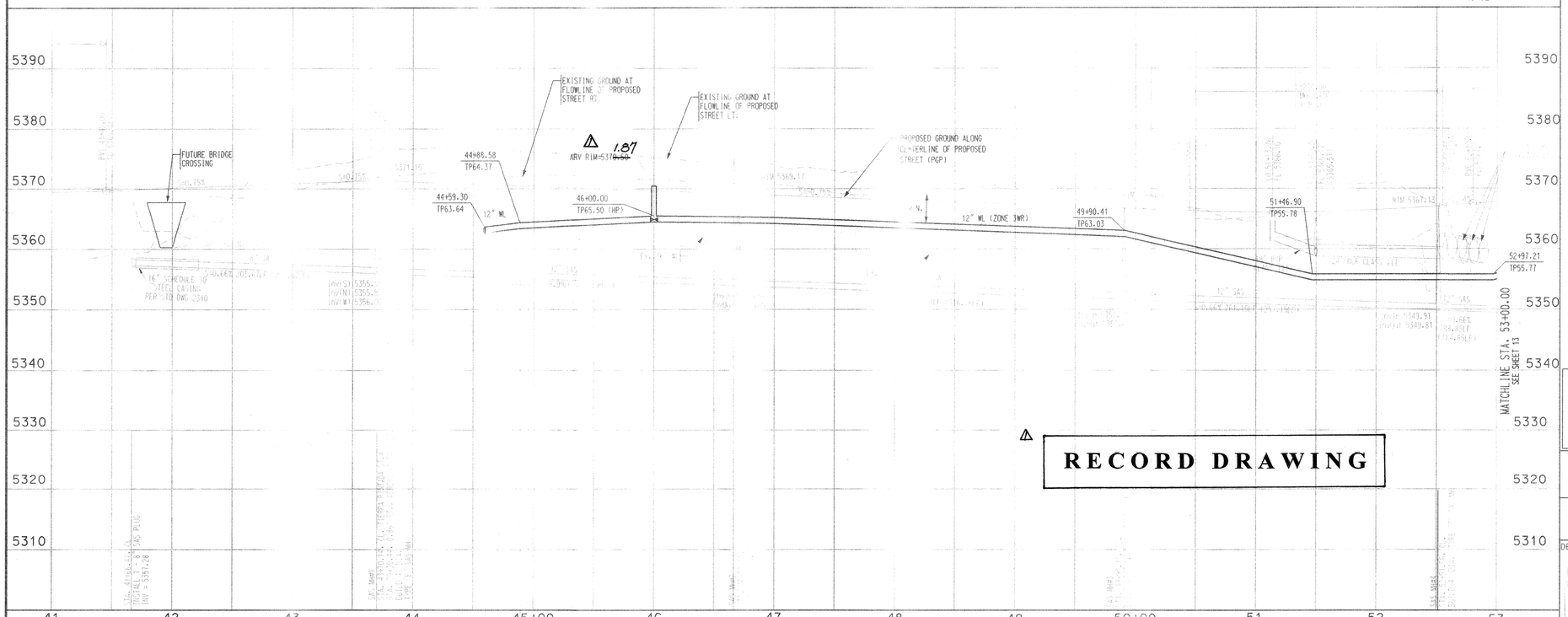


WATERLINE CURVE DATA				
NUMBER	ARC	RADIUS	DELTA	TANGENT
C21A	157.49'	1051.0'	08°35'08"	78.89'
C21B	283.25'	1051.0'	15°26'29"	142.49'

WATERLINE TANGENT DATA		
NUMBER	BEARING	LENGTH
T18A	N 32°51'23"E	43.38'
T18B	N 16°03'32"E	47.33'
T19	N 46°12'26"E	457.44'

TIERRA PINTADA STREET



SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

RECORD DRAWING

NOTES:

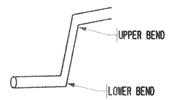
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE ALONG FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 SAWCUT ONLY).
12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
13. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

RESTRAINING JOINT TABLE

MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS		
	12"	10"	8"
GATE/AIR RELEASE VALVE	102'	86'	72'
CAP	102'	86'	72'
CROSS	1'	1'	1'
TEE	1'	1'	1'
90° HORIZ. BEND	36'	31'	26'
45° HORIZ. BEND	15'	13'	11'
45° VERT. BEND			
UPPER	42'	-	-
LOWER	5'	-	-
22.5° VERT. BEND			
UPPER	20'	-	-
LOWER	2'	-	-

NOTE:

1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. ALL PIPE POINTS WITHIN 20 LF OF MJ SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.
3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE. (SEE NOTE 2 ABOVE).
4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANTS JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.
5. ALL CAPS SHALL UTILIZE PCC BLOCKING, UNLESS OTHERWISE NOTED.
6. RESTRAINED LENGTH IN ON LARGE SIDE ON ALL REDUCERS
7. RESTRAIN ALL JOINTS BETWEEN UPPER AND LOWER VERTICAL BENDS.



Bohannan Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING SPATIAL DATA ADVANCED TECHNOLOGIES

AS-BUILT INFORMATION
CONTRACTOR: Universal 2004
STAKED BY: J.M.A. DATE: 2004
INSPECTOR'S INITIALS: SEE BY: 105 DATE: "
FIELD VERIFICATION BY: COA DATE: "
CORRECTED BY: J.M.A. DATE: 12/2004
MICRO-FILM INFORMATION
RECORDED BY: DATE:
NO.:

ENGINEER'S SEAL
NEIL G. PATTON NEW MEXICO 9883 REGISTERED PROFESSIONAL ENGINEER
2-11-04

NO.	DATE	BY	REMARKS
		CGC	REVISIONS
			DESIGN
1	12/2004		AS-BUILT & CERTIFY.

DESIGNED BY: YOP DATE 04/2003
DRAWN BY: DLM DATE 04/2003
CHECKED BY: KGP DATE 10/2003

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

WESTLAND DEVELOPMENT CO.
WATERLINE PLAN & PROFILE
TIERRA PINTADA STREET

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
MAR - 3 2004	APPROVED APR 26 2004 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650282	H-9	12	21

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BHI JOB NO. 00 311A 04

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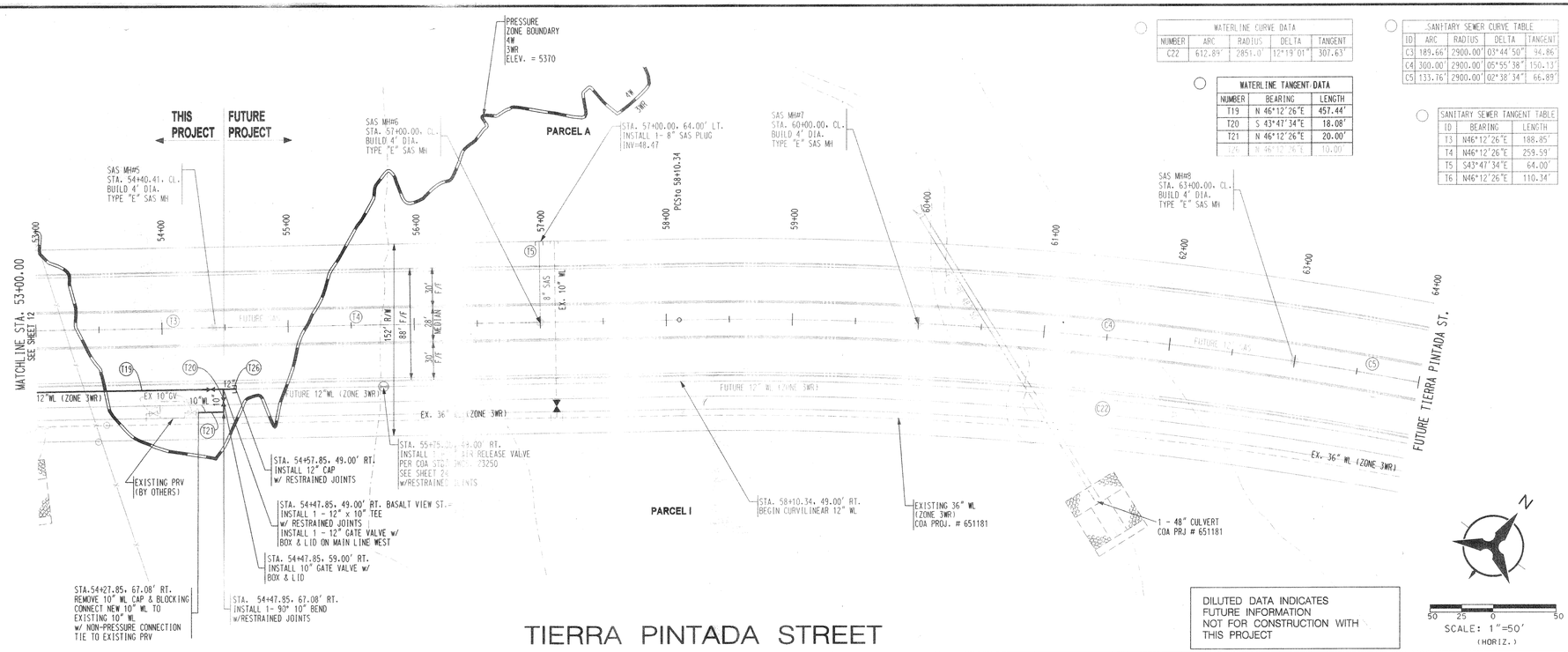
SCANNED BY MESA REPRO

SCANNED BY
MESA REPRO



WATERLINE CURVE DATA				
NUMBER	ARC	RADIUS	DELTA	TANGENT
C22	612.89'	2851.0'	12°19'01"	307.63'

WATERLINE TANGENT DATA		
NUMBER	BEARING	LENGTH
T19	N 46°12'26"E	457.44'
T20	S 43°47'34"E	18.08'
T21	N 46°12'26"E	20.00'
T26	N 46°12'26"E	10.00'

SANITARY SEWER CURVE TABLE				
ID	ARC	RADIUS	DELTA	TANGENT
C3	189.66'	2900.00'	03°44'50"	94.86
C4	300.00'	2900.00'	05°55'38"	150.13'
C5	133.76'	2900.00'	02°38'34"	66.89'

SANITARY SEWER TANGENT TABLE		
ID	BEARING	LENGTH
T3	N46°12'26"E	188.85'
T4	N46°12'26"E	259.59'
T5	S43°47'34"E	64.00'
T6	N46°12'26"E	110.34'

NOTES

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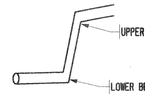
13. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

DILUTED DATA INDICATES FUTURE INFORMATION NOT FOR CONSTRUCTION WITH THIS PROJECT

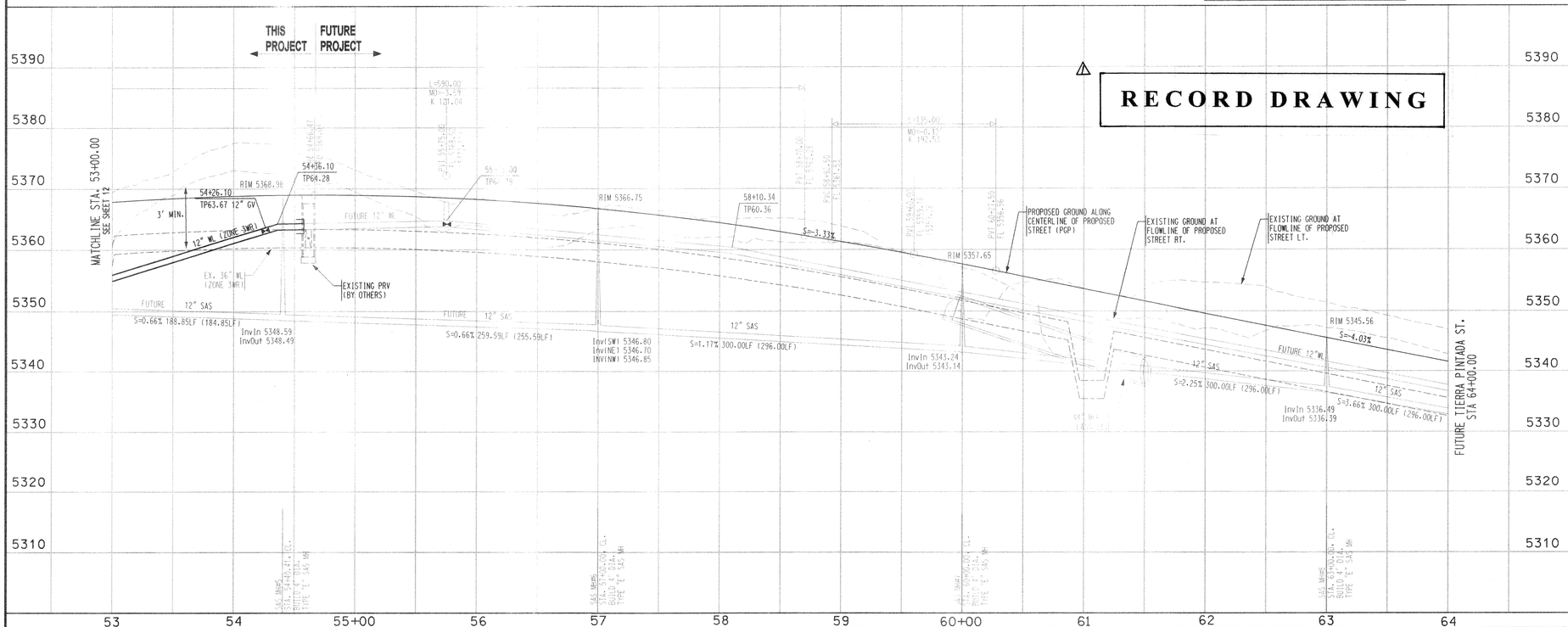
RESTRAINING JOINT TABLE

MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS		
	12"	10"	8"
GATE/AIR RELEASE VALVE	102'	86'	72'
CAP	102'	86'	72'
CROSS	1'	1'	1'
TEE	1'	1'	1'
90° HORIZ. BEND	36'	31'	26'
45° HORIZ. BEND	15'	13'	11'
45° VERT. BEND			
UPPER	42'	-	-
LOWER	5'	-	-
22.5° VERT. BEND			
UPPER	20'	-	-
LOWER	2'	-	-

NOTE:
1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. ALL PIPE POINTS WITHIN 20 LF OF MJ SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.
3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE. (SEE NOTE 2 ABOVE).
4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANTS JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.
5. ALL CAPS SHALL UTILIZE PCC BLOCKING, UNLESS OTHERWISE NOTED.
6. RESTRAINED LENGTH IN ON LARGE SIDE ON ALL REDUCERS
7. RESTRAIN ALL JOINTS BETWEEN UPPER AND LOWER VERTICAL BENDS.



TIERRA PINTADA STREET



SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

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BHI JOB NO. 00 311A 04

AS-BUILT INFORMATION

BENCH MARKS
ACS STATION NAMED 4 - K6
3 -1/4" ALUM. CAP
HV18 = 4 - K6
Y=1,477,665.89, Y=1,484,081.55
ELEV=6733.00

FIELD NOTES
CONTRACTOR Universal 2004
WORK STAKED BY J.M.A. 2004
ACCEPTANCE BY SSE DATE 1/05
FIELD VERIFICATION BY COA DATE "
DRAWINGS CORRECTED BY J.M.A. DATE 2/2004
ON PASEO DEL VULCAN, 0.91 MI NORTH OF I - 40, 0.74 MI SOUTH OF POWERLINES, 39.6' NW OF CENTERLINE OF PASEO DEL VULCAN

MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

ENGINEER'S SEAL
KEVIN D. PAYTON NEW MEXICO 9883 REGISTERED PROFESSIONAL ENGINEER
2-2-04

CONSTRUCTION RECORD DRAWING:

NO.	DATE	REVISIONS	BY
1	12-2004	REMARKS	
		DESIGN	

DESIGNED BY YOP DATE 04/2003
DRAWN BY DLM DATE 04/2003
CHECKED BY KGP DATE 04/2003

Bohannan Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

WESTLAND DEVELOPMENT CO.
WATERLINE PLAN & PROFILE
TIERRA PINTADA STREET

DESIGN REVIEW COMMITTEE
MAR - 3 2004
CITY ENGINEER APPROVAL
APPROVED
APR 2 6 2004
CITY ENGINEER

LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. 650282
ZONE MAP NO. H-9
SHEET 13 OF 21

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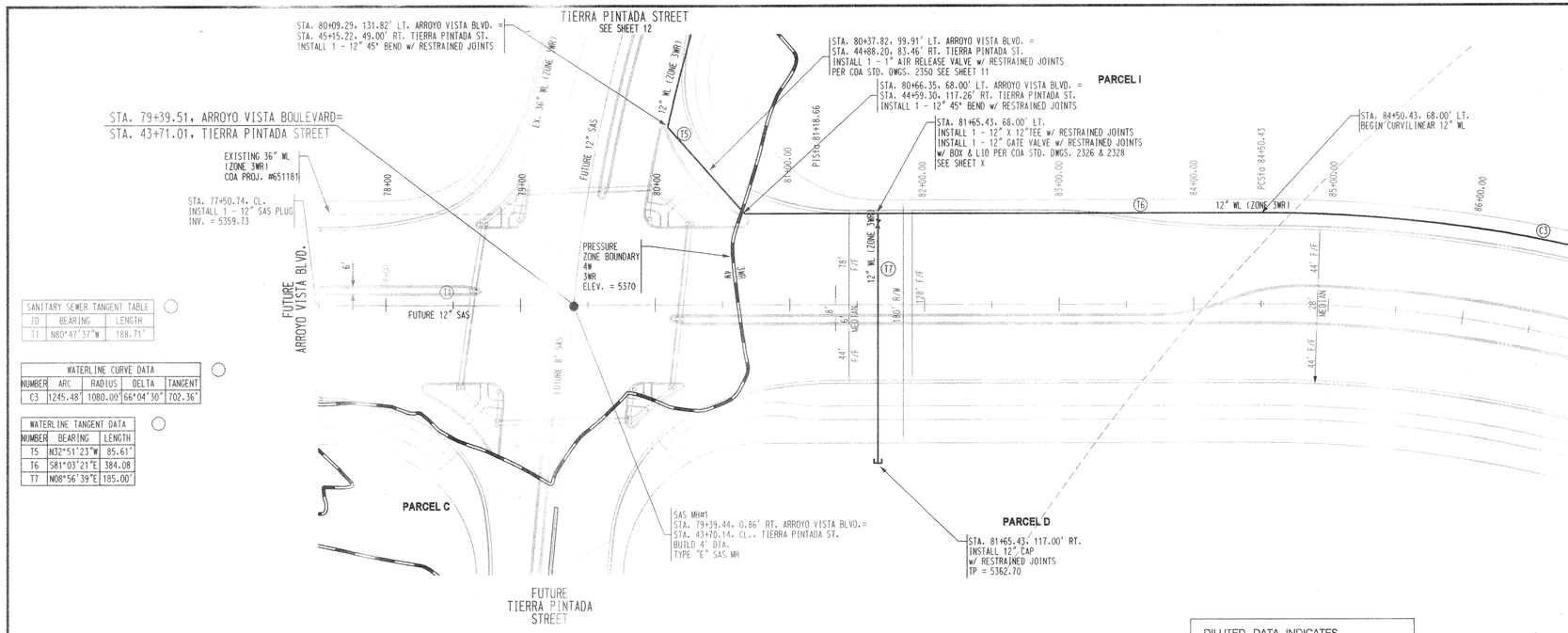

SANITARY SEWER TANGENT TABLE		
ID	BEARING	LENGTH
T1	N80°47'37"W	188.71'

WATERLINE CURVE DATA				
NUMBER	ARC	RADIUS	DELTA	TANGENT
C3	1245.48'	1080.00'	66°04'30"	702.36'

WATERLINE TANGENT DATA		
NUMBER	BEARING	LENGTH
T5	N32°51'23"W	85.61'
T6	S81°03'21"E	384.08
T7	N08°56'39"E	185.00'

DILUTED DATA INDICATES FUTURE INFORMATION NOT FOR CONSTRUCTION WITH THIS PROJECT

SCALE: 1"=50' (HORIZ.)

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
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7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
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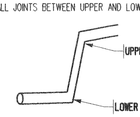
RESTRAINING JOINT TABLE

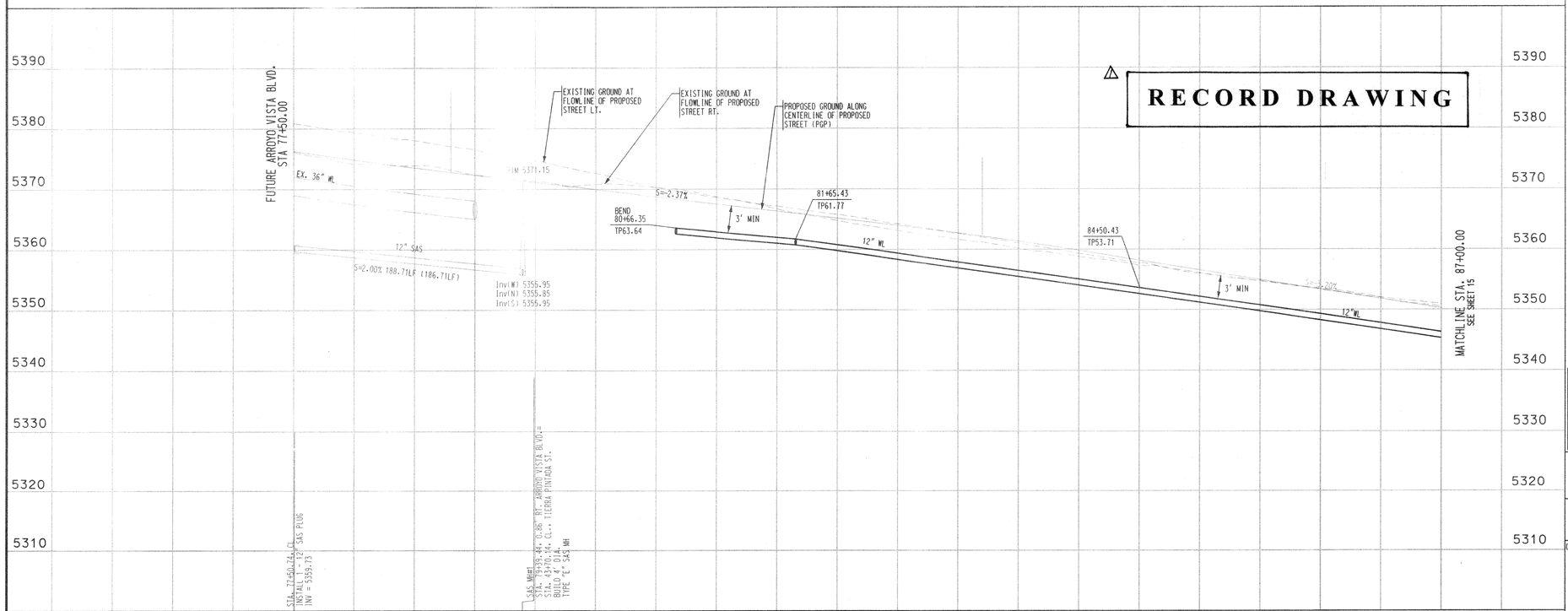
MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS		
	12"	10"	8"
GATE/AIR RELEASE VALVE	102'	86'	72'
CAP	102'	86'	72'
CROSS	1'	1'	1'
TEE	1'	1'	1'
90° HORIZ. BEND	36'	31'	26'
45° HORIZ. BEND	15'	13'	11'
45° VERT. BEND			
UPPER	42'	-	-
LOWER	5'	-	-
22.5° VERT. BEND			
UPPER	20'	-	-
LOWER	2'	-	-

NOTE:

1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. ALL PIPE POINTS WITHIN 20 LF OF MJ SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.
3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE. (SEE NOTE 2 ABOVE).
4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANTS JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.
5. ALL CAPS SHALL UTILIZE PCC BLOCKING, UNLESS OTHERWISE NOTED.
6. RESTRAINED LENGTH IN ON LARGE SIDE ON ALL REDUCERS
7. RESTRAIN ALL JOINTS BETWEEN UPPER AND LOWER VERTICAL BENDS.



ARROYO VISTA BOULEVARD



SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

RECORD DRAWING

Bohannan ▲ Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

WESTLAND DEVELOPMENT CO.
WATERLINE PLAN & PROFILE
ARROYO VISTA BOULEVARD

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
MAR - 3 2004	APPROVED APR 26 2004 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650282	J-8	14	21

BHI JOB NO. 00 311A 04

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AS-BUILT INFORMATION
CONTRACTOR Universal 2004
WORK STAKED BY J.M.A. 2004
STAKES CHECKED BY DATE 10/5
ACCEPTANCE BY DATE 11"
FIELD VERIFICATION BY COA DATE 12/2004
DRAWINGS CORRECTED BY J.M.A. DATE 12/2004
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STATION NAMED 4 - K6
3 -1/4" ALUM. CAP
HV18 = 4 - K6
X=1,477,665.89, Y=1,484,081.55
ELEV=5733.00
ON PASEO DEL VULCAN, 0.91 MI NORTH OF I - 40, 0.74 MI SOUTH OF POWERLINES, 39.6' NW OF CENTERLINE OF PASEO DEL VULCAN

FIELD SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
BENJAMIN G. PAYTON NEW MEXICO 14729 REGISTERED PROFESSIONAL ENGINEER
2-2-04

RECORDED DRAWING

NO.	BY	REMARKS	DATE
		REVISIONS	
		DESIGN	DATE 04/2003
	YOP		DATE 04/2003
	DLM		DATE 10/2003
	KGP		

DESIGNED BY
DRAWN BY
CHECKED BY

SCANNED BY MESA REPRO

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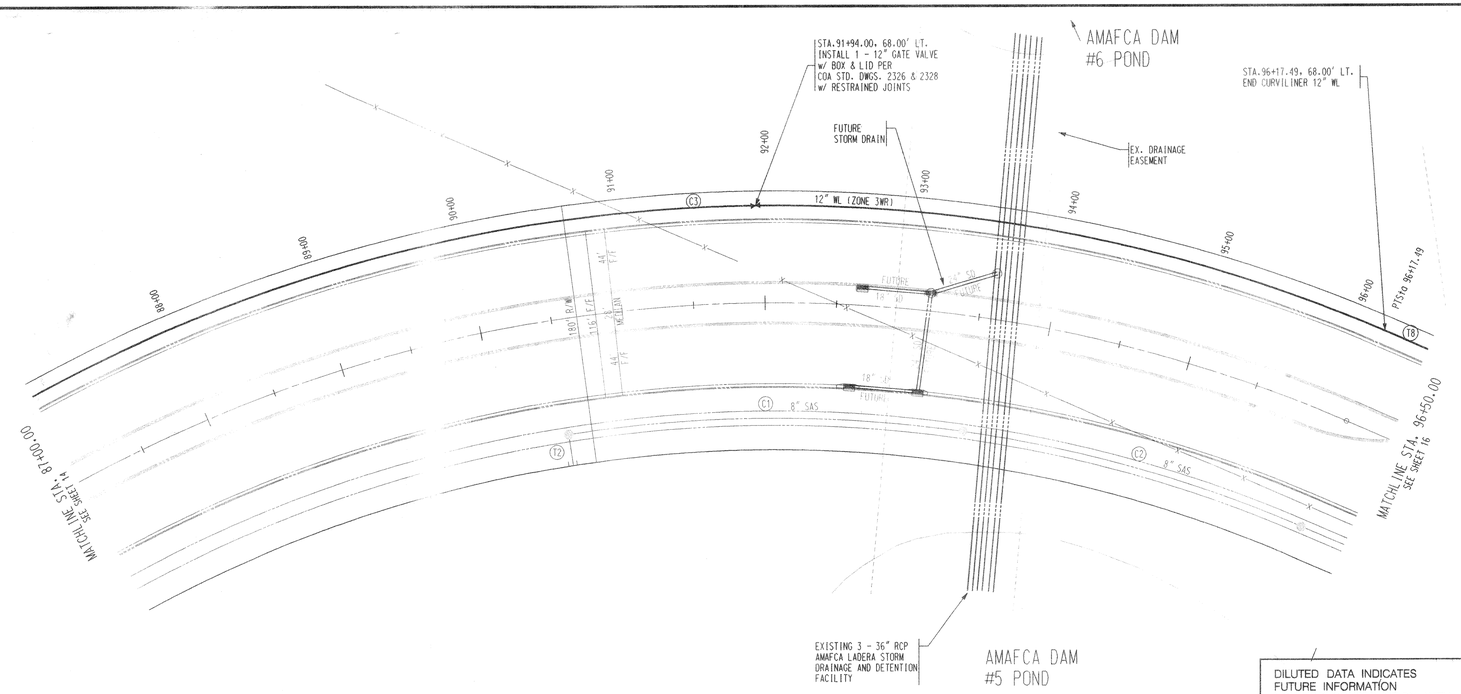
02-FEB-2004
13:18

SCANNED BY
MESA REPRO



WATERLINE CURVE DATA				
NUMBER	ARC	RADIUS	DELTA	TANGENT
C3	1245.48'	1080.00'	66°04'30"	702.36'

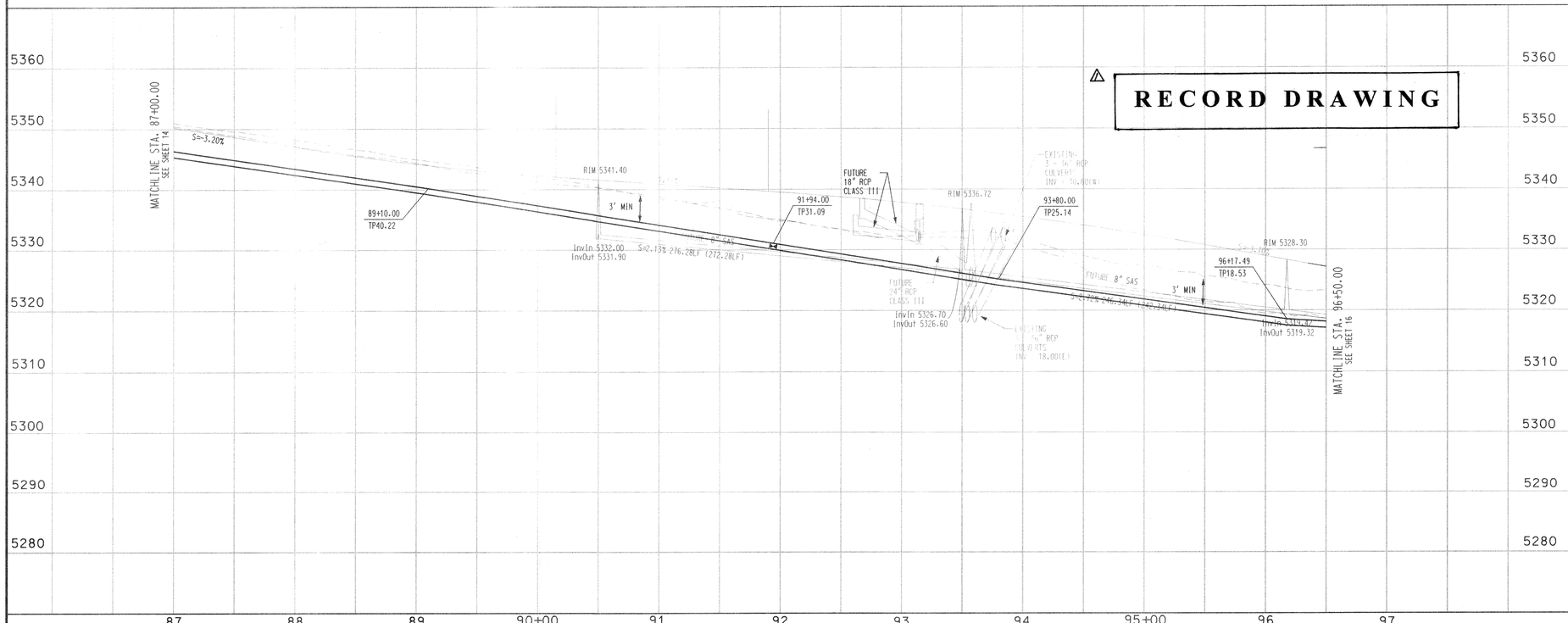
WATERLINE TANGENT DATA		
NUMBER	BEARING	LENGTH
T8	S14°58'52"E	434.11'

SANITARY SEWER CURVE TABLE				
ID	ARC	RADIUS	DELTA	TANGENT
C1	276.28'	932.00'	16°59'06"	139.16'
C2	246.34'	932.00'	15°08'39"	123.89'

SANITARY SEWER TANGENT TABLE		
ID	BEARING	LENGTH
T2	N42°53'23"E	22.00'
T3	S14°58'52"E	240.42'

DILUTED DATA INDICATES
FUTURE INFORMATION
NOT FOR CONSTRUCTION WITH
THIS PROJECT

ARROYO VISTA BOULEVARD



SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

RECORD DRAWING

NOTES

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2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
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5. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
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13. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

RESTRAINING JOINT TABLE

MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS		
	12"	10"	8"
GATE/AIR RELEASE VALVE	102'	86'	72'
CAP	102'	86'	72'
CROSS	1'	1'	1'
TEE	1'	1'	1'
90° HORIZ. BEND	36'	31'	26'
45° HORIZ. BEND	15'	13'	11'
45° VERT. BEND			
UPPER	42'	-	-
LOWER	5'	-	-
22.5° VERT. BEND			
UPPER	20'	-	-
LOWER	2'	-	-

NOTE:
1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
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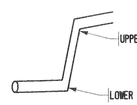
4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANTS JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.
5. ALL CAPS SHALL UTILIZE PCC BLOCKING, UNLESS OTHERWISE NOTED.
6. RESTRAINED LENGTH IN ON LARGE SIDE ON ALL REDUCERS
7. RESTRAIN ALL JOINTS BETWEEN UPPER AND LOWER VERTICAL BENDS.



Bohannan ▲ Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

AS-BUILT INFORMATION
CONTRACTOR Universal 2004
WORK STAKED BY J.M.A. 2004
INSPECTOR'S ACCEPTANCE BY SSC DATE 1/05
FIELD LOCATION BY COA DATE 12/2004
DRAWINGS CORRECTED BY J.M.A. DATE 12/2004
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STATION NAMED 4 - K6
3 -1/4" ALUM. CAP
HV18 = 4 - K6
X=1,477,665.89, Y=1,484,081.55
ELEV=5733.00
ON PASEO DEL VULCAN, 0.91 MI NORTH OF I - 40, 0.74 MI SOUTH OF POWERLINES, 39.6' NW OF CENTERLINE OF PASEO DEL VULCAN

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
KEVIN D. PAYTON
NEW MEXICO
12-2-04

NO.	DATE	REMARKS	BY
		REVISIONS	
	12 2004	RECORD DRAWING.	
		DESIGN	

DESIGNED BY YOP DATE 04/2003
DRAWN BY DLM DATE 04/2003
CHECKED BY KGP DATE 10/2003

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

WESTLAND DEVELOPMENT CO.
WATERLINE PLAN & PROFILE
ARROYO VISTA BOULEVARD

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MAR - 3 2004	APPROVED APR 26 2004 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650282	J-8	15	21

BHI JOB NO. 00 311A 04

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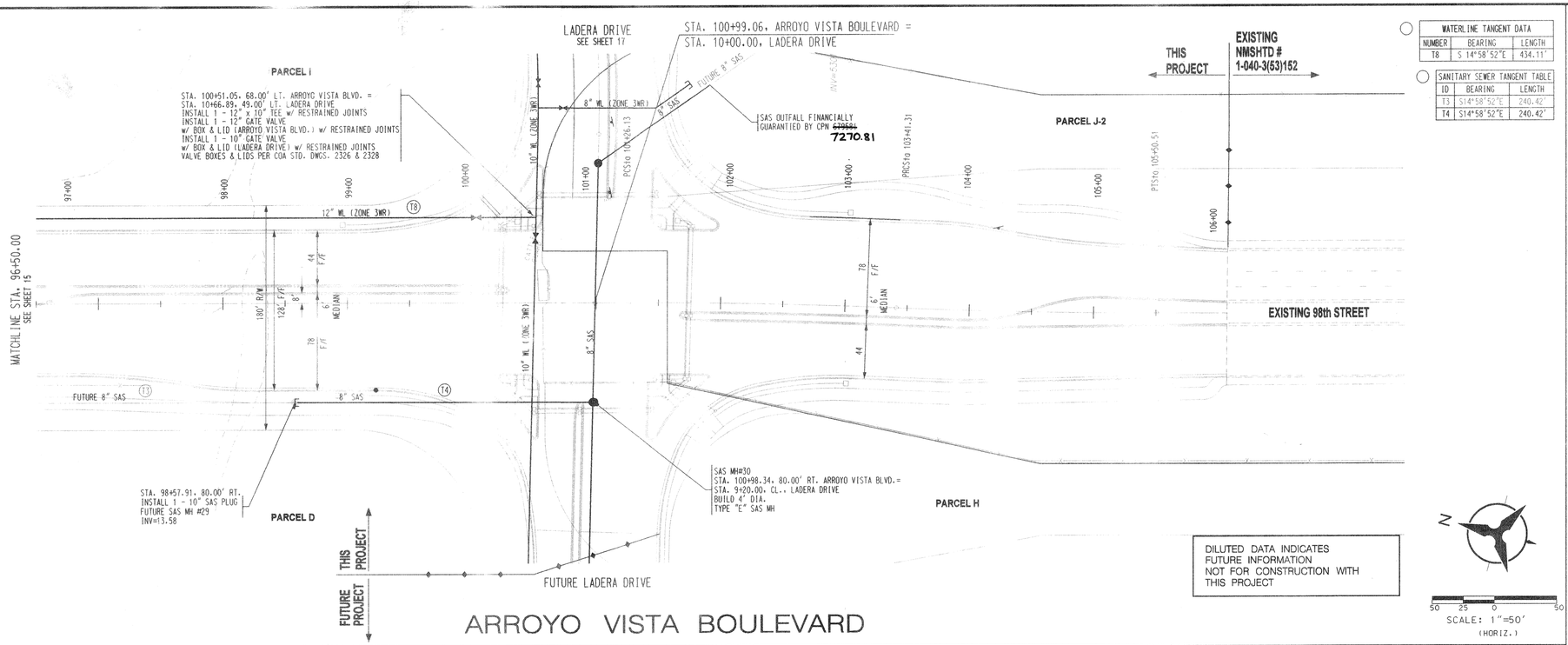
SCANNED BY
MESA REPRO



WATERLINE TANGENT DATA		
NUMBER	BEARING	LENGTH
T8	S 14°58'52"E	434.11'

SANITARY SEWER TANGENT TABLE		
ID	BEARING	LENGTH
T3	S14°58'52"E	240.42'
T4	S14°58'52"E	240.42'

DILUTED DATA INDICATES
FUTURE INFORMATION
NOT FOR CONSTRUCTION WITH
THIS PROJECT

N

50 25 0 50
SCALE: 1"=50'
(HORIZ.)

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UPPER	42'	-	-
LOWER	5'	-	-
22.5° VERT. BEND			
UPPER	20'	-	-
LOWER	2'	-	-

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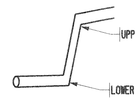

AS-BUILT INFORMATION
CONTRACTOR Universal DATE 2004
WORK STAKED BY J.M.A. DATE 2004
STAKES CHECKED BY Jge DATE 1-05
ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY J.M.A. DATE 12-04
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

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3 -1/4" ALUM. CAP
HV18 = 4 - K6
X=1,477,665.89, Y=1,484,081.55
ELEV=5733.00
ON PASEO DEL VULCAN, 0.91 MI NORTH OF I - 40, 0.74 MI SOUTH OF POWERLINES, 39.6' NW OF CENTERLINE OF PASEO DEL VULCAN

FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NEVIN Q. PAYTON
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
2.2.04

NO.	DATE	REMARKS	BY	DATE
		REVISIONS	CGC	04/2003
		DESIGN	CGC	10/2003
1	12-2004	RECORD DRAWING:		
2	4-01-05	RECORD DRAWING:		

DESIGNED BY YOP
DRAWN BY DLM
CHECKED BY KGP

Bohannan ▲ Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

WESTLAND DEVELOPMENT CO.
UTILITY PLAN & PROFILE
ARROYO VISTA BLVD

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
MAR - 3 2004	APPROVED APR 26 2004 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650282	J-8, J-9	16	21

BHI JOB NO. 00 311A 04

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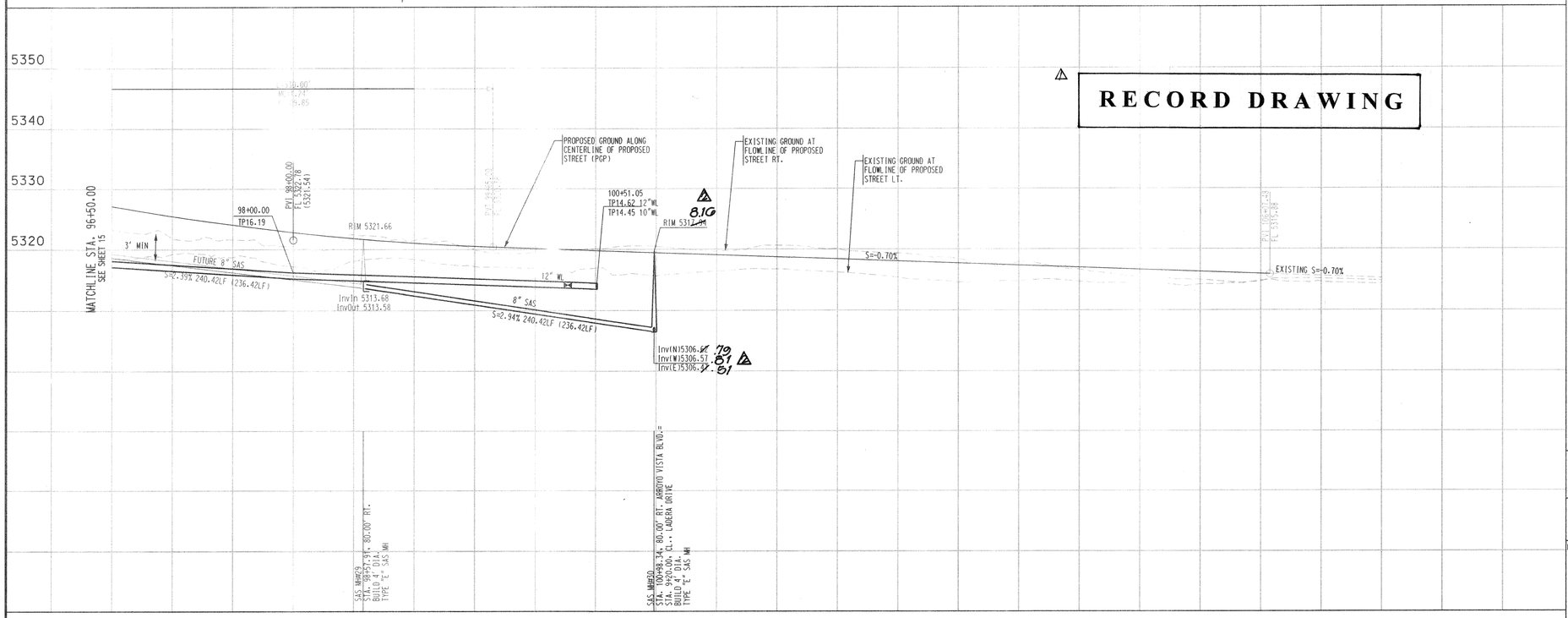

RECORD DRAWING

SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

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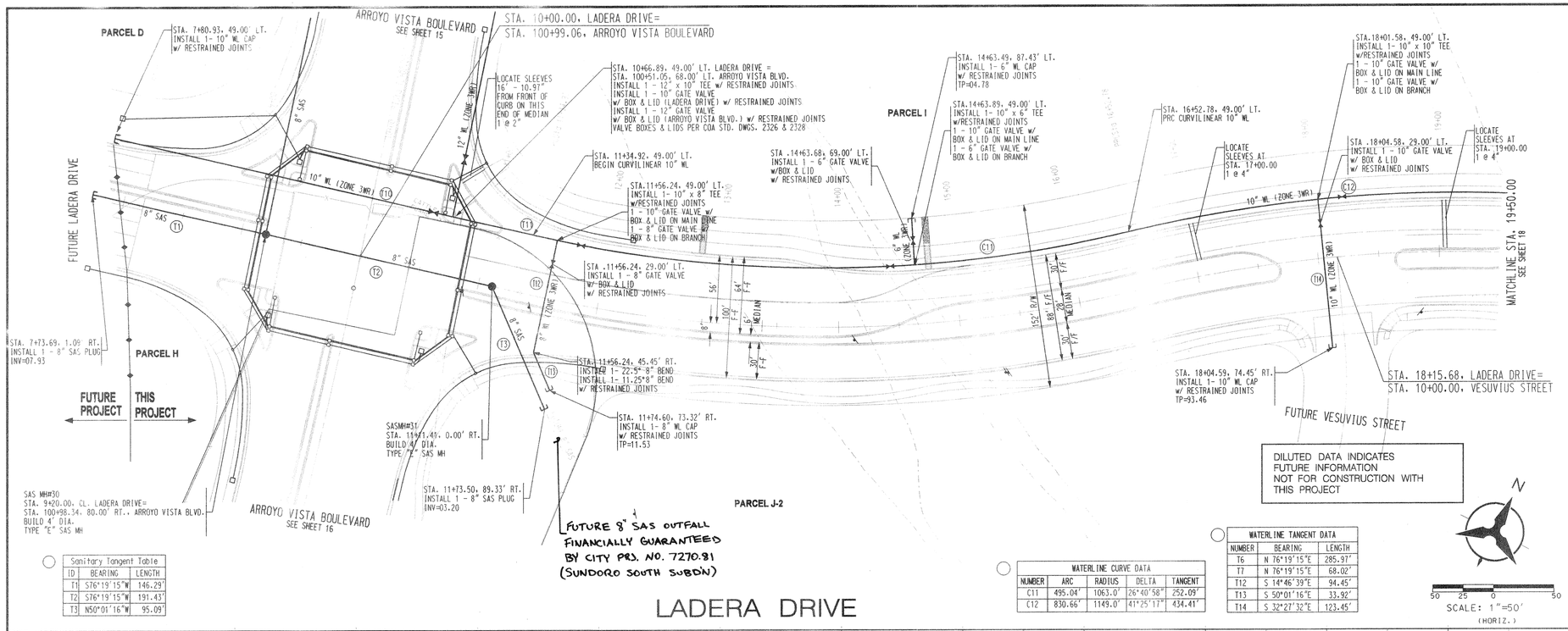
MESA REPRO



FUTURE 8" SAS OUTFALL FINANCIALLY GUARANTEED BY CITY PRJ. NO. 7270.91 (SUNDORO SOUTH SUBDN)

DILUTED DATA INDICATES FUTURE INFORMATION NOT FOR CONSTRUCTION WITH THIS PROJECT

LADERA DRIVE

Sanitary Tangent Table		
ID	BEARING	LENGTH
T1	S76°19'15"W	146.29'
T2	S76°19'15"W	191.43'
T3	N50°01'16"W	95.09'

WATERLINE CURVE DATA				
NUMBER	ARC	RADIUS	DELTA	TANGENT
C11	495.04'	1063.0'	26°40'58"	252.09'
C12	830.66'	1149.0'	41°25'17"	434.41'

WATERLINE TANGENT DATA		
NUMBER	BEARING	LENGTH
T6	N 76°19'15"E	285.97'
T7	N 76°19'15"E	68.02'
T12	S 14°46'39"E	94.45'
T13	S 50°01'16"E	33.92'
T14	S 32°27'32"E	123.45'

SCALE: 1"=50'
(HORIZ.)

NOTES

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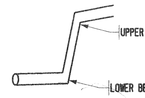

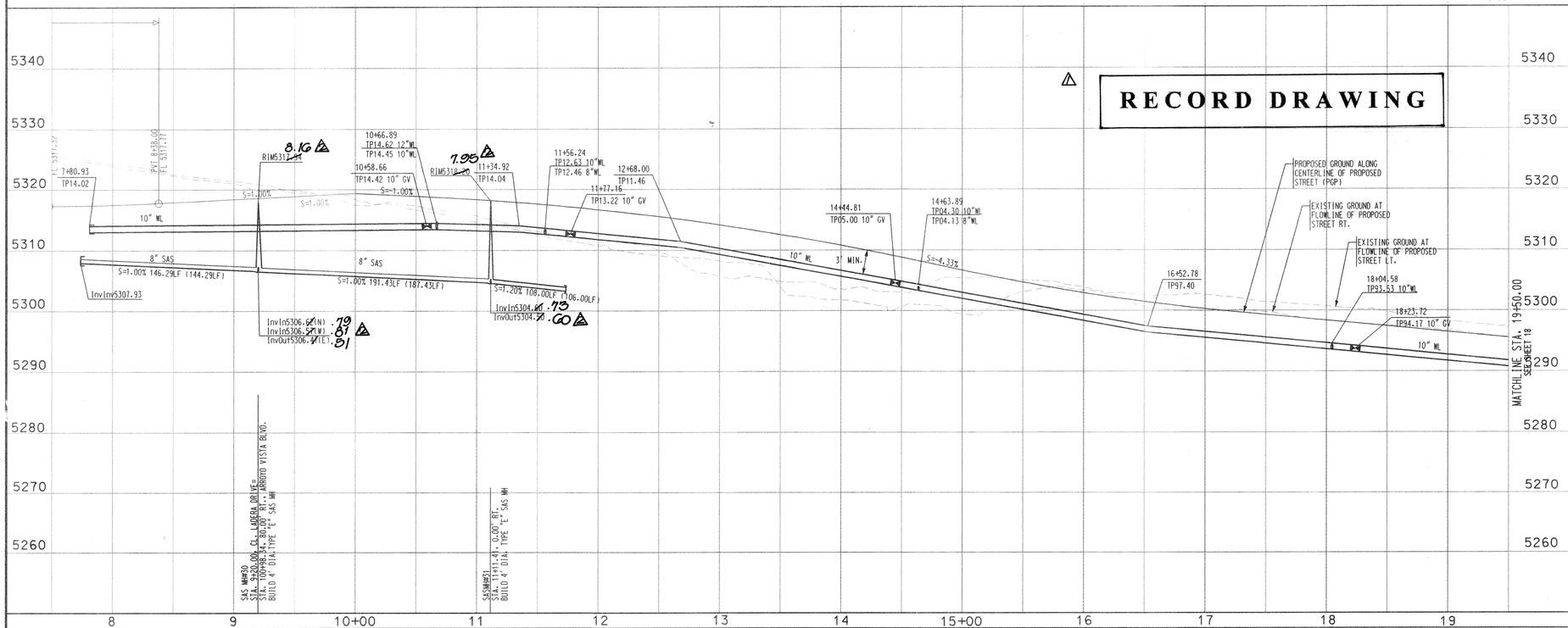

RECORD DRAWING

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1" = 10' (VERT.)

Bohannan ▲ Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

AS-BUILT INFORMATION
CONTRACTOR Universal 2004
WORK STAKED BY J.M.A. 2004
FIELD NOTES BY [illegible] DATE 1/05
ACCEPTANCE BY [illegible]
FIELD VERIFICATION BY LDA DATE 12/2004
DRAWINGS CORRECTED BY J.M.A. DATE 12/2004
MICRO-FILM INFORMATION
RECORDED BY
DATE
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BENCH MARKS
ACS STATION NAMED 4 - K6
3 -1/4" ALUM. CAP
HV18 = 4 - K6
X=1,477,665.89, Y=1,484,081.55
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ON PASEO DEL VULCAN, 0.91 MI NORTH
OF I - 40, 0.74 MI SOUTH OF
POWERLINES, 39.6' NW OF CENTERLINE
OF PASEO DEL VULCAN

NO. | BY | DATE

ENGINEER'S SEAL
KEVIN D. PAYTON
NEW MEXICO
12-2-04

CGC ENGINEER'S CERTIFICATION
CGC RECORD DRAWING.
CGC AS BUILT & CERTIFY.

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
1	12/2004	AS BUILT & CERTIFY.	CGC
2	4-07-05	AS BUILT & CERTIFY.	CGC

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
WESTLAND DEVELOPMENT CO.

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
MAR - 3 2004	APR 26 2004 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650282	J-8, J-9	17	21

BHI JOB NO. 00 311A 04

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02-FEB-2004
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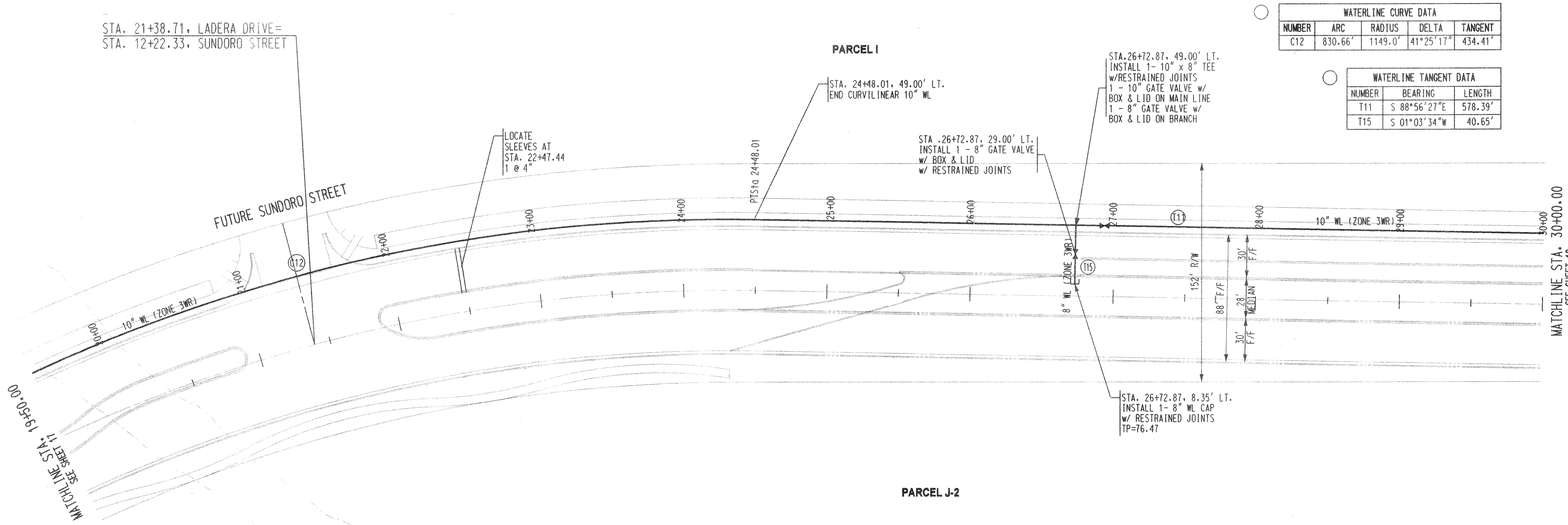
SCANNED BY
MESA REPRO



WATERLINE CURVE DATA				
NUMBER	ARC	RADIUS	DELTA	TANGENT
C12	830.66'	1149.0'	41°25'17"	434.41'

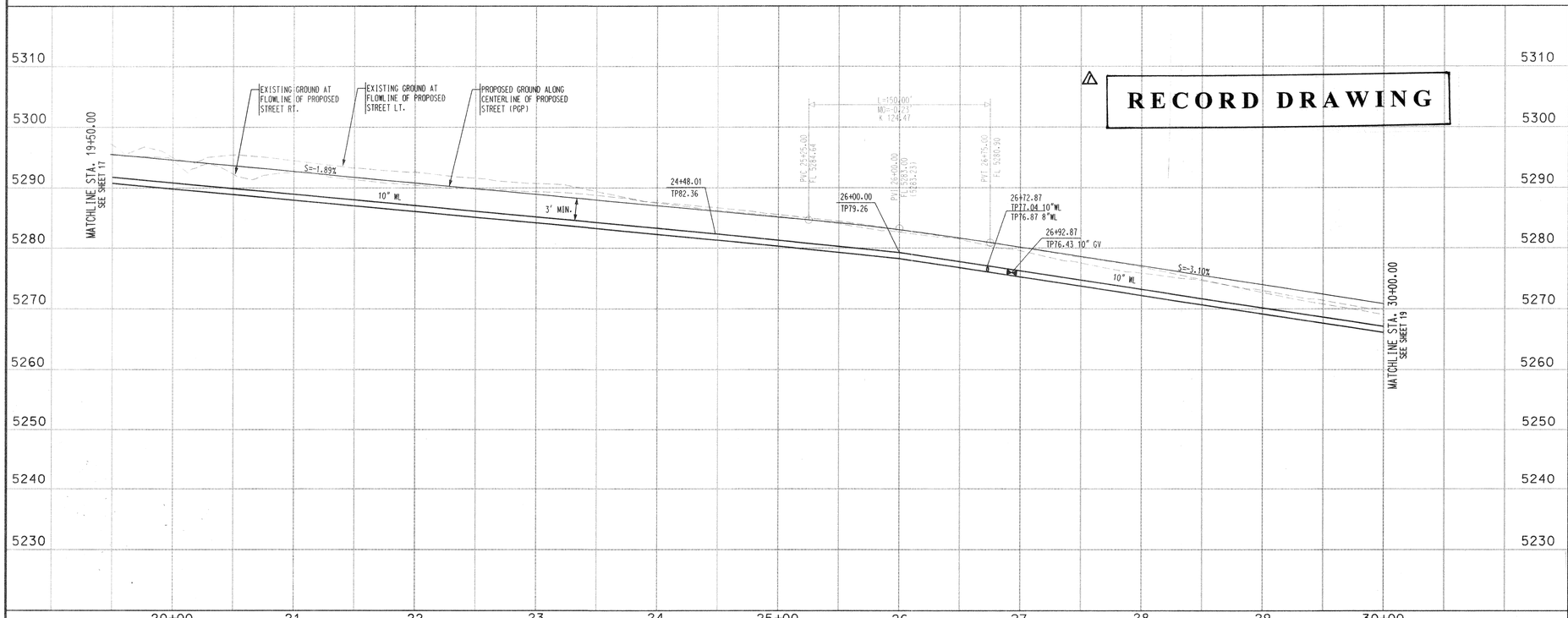
WATERLINE TANGENT DATA		
NUMBER	BEARING	LENGTH
T11	S 88°56'27"E	578.39'
T15	S 01°03'34"W	40.65'

DILUTED DATA INDICATES FUTURE INFORMATION NOT FOR CONSTRUCTION WITH THIS PROJECT

N

SCALE: 1"=50'
(HORIZ.)

LADERA DRIVE



SCALE: 1" = 50' (HORIZ.)
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⚠ **RECORD DRAWING**

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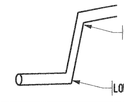
2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE ALONG FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
13. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

RESTRAINING JOINT TABLE

MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS		
	12"	10"	8"
GATE/AIR RELEASE VALVE	102'	86'	72'
CAP	102'	86'	72'
CROSS	1'	1'	1'
TEE	1'	1'	1'
90° HORIZ. BEND	36'	31'	26'
45° HORIZ. BEND	15'	13'	11'
45° VERT. BEND			
UPPER	42'	-	-
LOWER	5'	-	-
22.5° VERT. BEND			
UPPER	20'	-	-
LOWER	2'	-	-

NOTE:
1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. ALL PIPE POINTS WITHIN 20 LF OF MJ SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.
3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE. (SEE NOTE 2 ABOVE).
4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANTS JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.
5. ALL CAPS SHALL UTILIZE PCC BLOCKING, UNLESS OTHERWISE NOTED.
6. RESTRAINED LENGTH IN ON LARGE SIDE ON ALL REDUCERS
7. RESTRAIN ALL JOINTS BETWEEN UPPER AND LOWER VERTICAL BENDS.



Bohannan ▲ Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

AS-BUILT INFORMATION
CONTRACTOR Universal 2004
STAKED BY J.M.A. 2004
INSPECTOR'S FIELD CHANGES BY [illegible] DATE 1-05
VERIFICATION BY [illegible] DATE 4/2004
CORRECTED BY J.M.A. DATE 4/2004
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STATION NAMED 4 - K6
3 -1/4" ALUM. CAP
HV18 = 4 - K6
X=1,477,665.89, Y=1,484,081.55
ELEV=5733.00
ON PASEO DEL VULCAN, 0.91 MI NORTH OF 1 - 40, 0.74 MI SOUTH OF POWERLINES, 39.6' NW OF CENTERLINE OF PASEO DEL VULCAN

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
RALPH G. PATTON NEW MEXICO 9750 REGISTERED PROFESSIONAL ENGINEER
3-2-04

RECORD DRAWING.

NO.	BY	REMARKS	DATE
1		REVISIONS	12/2004
		DESIGN	

DESIGNED BY YOP DATE 04/2003
DRAWN BY RKL DATE 04/2003
CHECKED BY KGP DATE 10/2003

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

WESTLAND DEVELOPMENT CO.
UTILITY PLAN & PROFILE
LADERA DRIVE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED MAR - 3 2004	APPROVED APR 26 2004 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650282	J-9	18	21

BHI JOB NO. 00 311A 04

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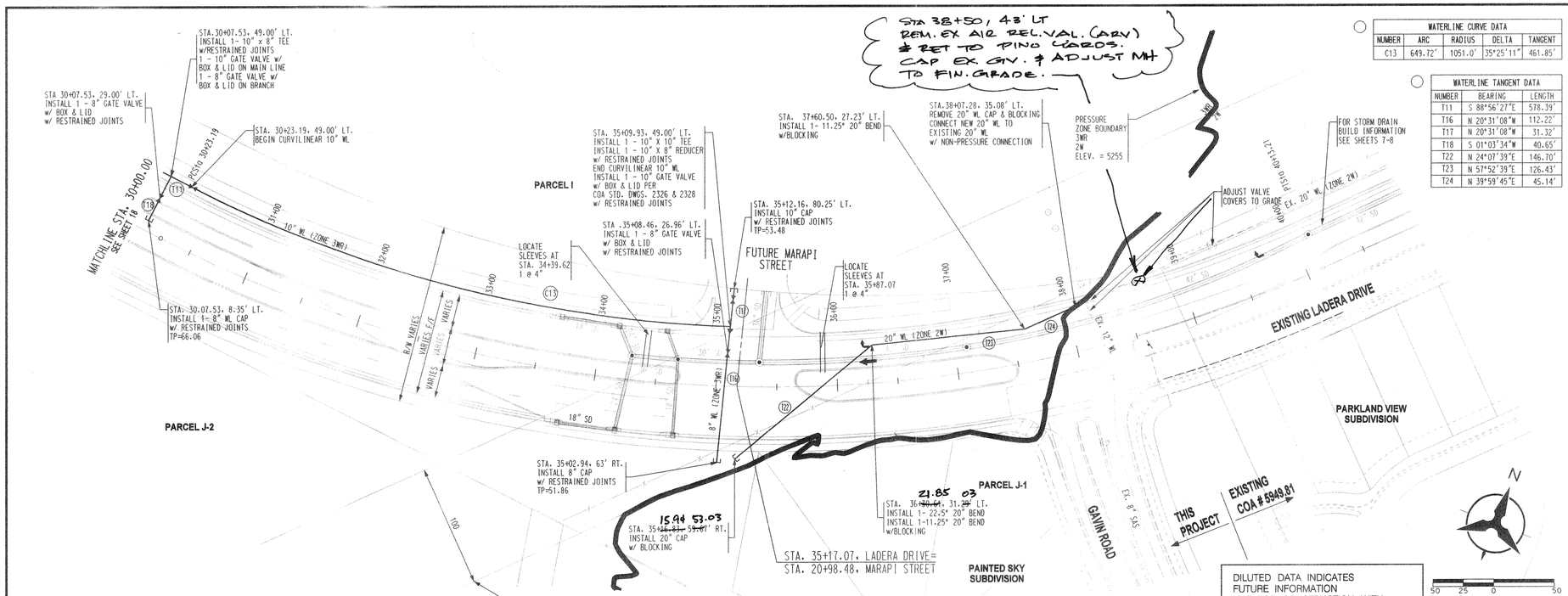
SCANNED BY
MESA REPRO



WATERLINE CURVE DATA				
NUMBER	ARC	RADIUS	DELTA	TANGENT
C13	649.72'	1051.0'	35°25'11"	461.85'

WATERLINE TANGENT DATA		
NUMBER	BEARING	LENGTH
T11	S 88°56'27"E	578.39'
T16	N 20°31'08"W	112.22'
T17	N 20°31'08"W	31.32'
T18	S 01°03'34"W	40.65'
T22	N 24°07'39"E	146.70'
T23	N 57°52'39"E	126.43'
T24	N 39°59'45"E	45.14'

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
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RESTRAINING JOINT TABLE

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45° VERT. BEND			
UPPER	42'	-	-
LOWER	5'	-	-
22.5° VERT. BEND			
UPPER	20'	-	-
LOWER	2'	-	-

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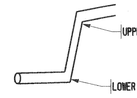
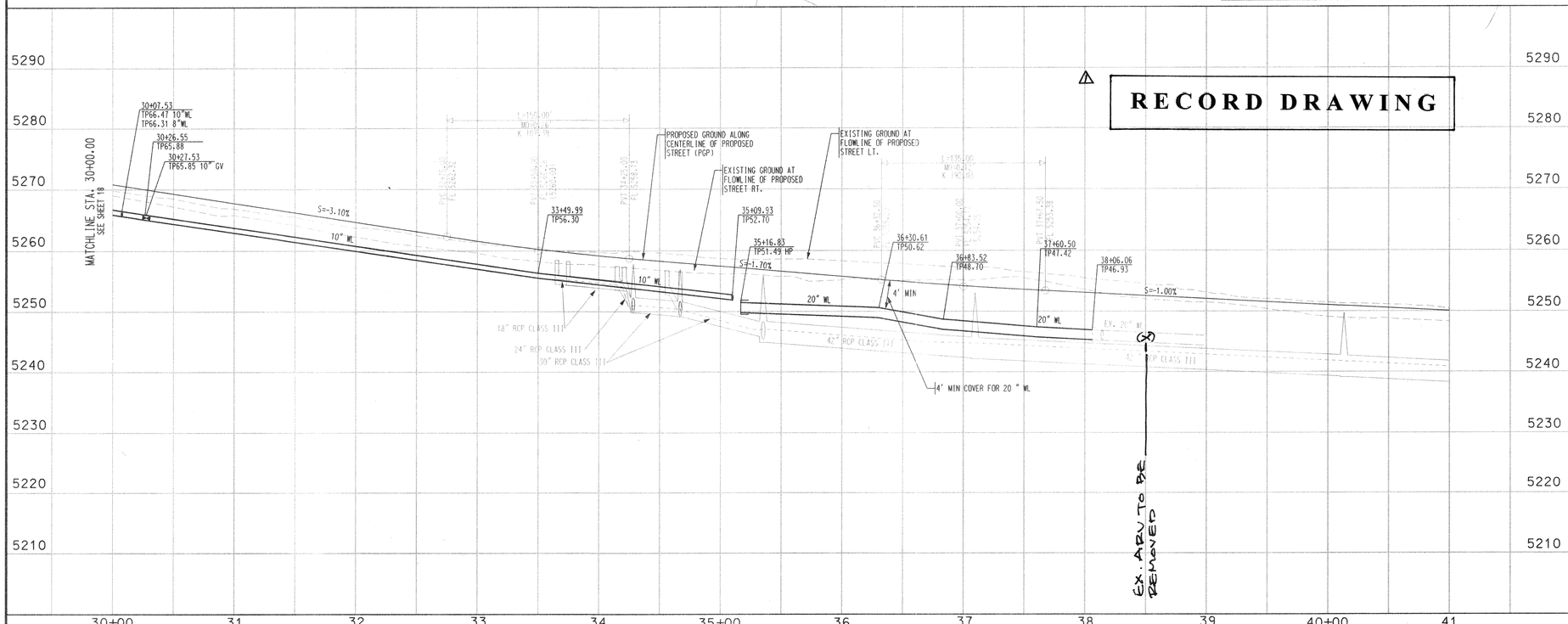
7. RESTRAIN ALL JOINTS BETWEEN UPPER AND LOWER VERTICAL BENDS.





SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

AS-BUILT INFORMATION	
CONTRACTOR	Universal 2004
STAKED BY	J.M.A. 2004
INSPECTED BY	[illegible] 11/05
FIELD VERIFICATION BY	[illegible] DATE 11
DRAWINGS CORRECTED BY	J.M.A. DATE 12/2004
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS
ACS STATION NAMED 4 - K6
3 -1/4" ALUM. CAP
HV18 = 4 - K6
X=1,477,665.89, Y=1,484,081.55
ELEV=6733.00
ON PASEO DEL VULCAN, 0.91 MI NORTH
OF I - 40, 0.74 MI SOUTH OF
POWERLINES, 39.6' NW OF CENTERLINE
OF PASEO DEL VULCAN

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

WILLIAM G. PAYTON
NEW MEXICO
REGISTERED
PROFESSIONAL ENGINEER
2.2.04

RECORD DRAWING

NO.	DATE	REMARKS
1	12 2004	REVISIONS
		DESIGN

	BY	DATE
DESIGNED BY	YOP	04/2003
DRAWN BY	DLM	04/2003
CHECKED BY	KGP	10/2003

Bohannan ▲ Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

WESTLAND DEVELOPMENT CO.
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LADERA DRIVE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED MAR - 3 2004	APPROVED APR 26 2004 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650282	J-9	19	21

BHI JOB NO. 00 311A 04

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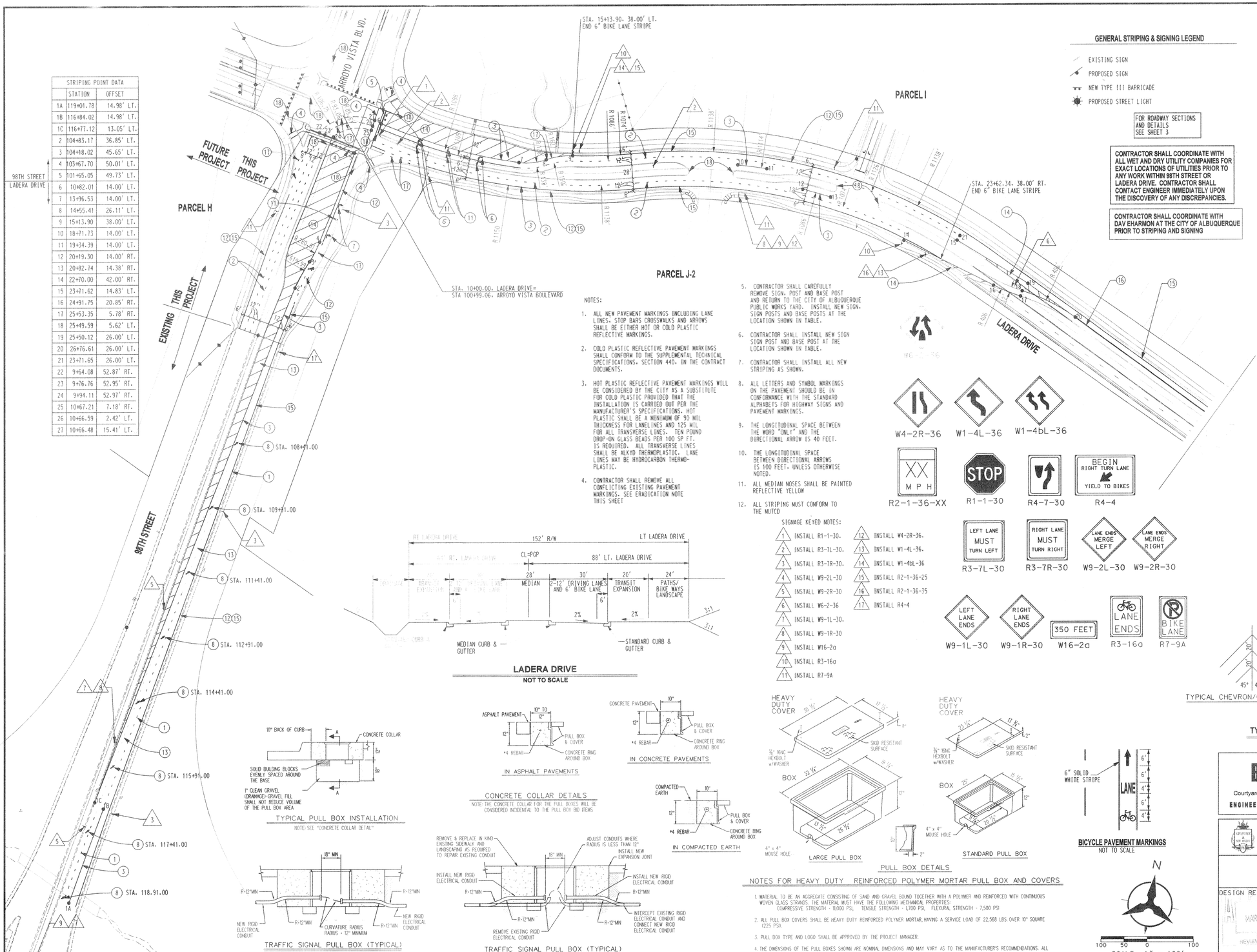
00311upnp13.DGN

SCANNED BY
MESA REPRO

STRIPING POINT DATA		
	STATION	OFFSET
1A	119+01.78	14.98' LT.
1B	116+84.02	14.98' LT.
1C	116+77.12	13.05' LT.
2	104+83.17	36.85' LT.
3	104+18.02	45.65' LT.
4	103+67.70	50.01' LT.
5	101+65.05	49.73' LT.
6	10+82.01	14.00' LT.
7	13+96.53	14.00' LT.
8	14+55.41	26.11' LT.
9	15+13.90	38.00' LT.
10	18+71.73	14.00' LT.
11	19+34.39	14.00' LT.
12	20+19.30	14.00' RT.
13	20+82.74	14.38' RT.
14	22+70.00	42.00' RT.
15	23+71.62	14.83' LT.
16	24+91.75	20.85' RT.
17	25+53.35	5.78' RT.
18	25+49.59	5.62' LT.
19	25+50.12	26.00' LT.
20	26+76.61	26.00' LT.
21	23+71.65	26.00' LT.
22	9+64.08	52.87' RT.
23	9+76.76	52.95' RT.
24	9+94.11	52.97' RT.
25	10+67.21	7.18' RT.
26	10+66.59	2.42' LT.
27	10+66.48	15.41' LT.



GENERAL STRIPING & SIGNING LEGEND

- EXISTING SIGN
- PROPOSED SIGN
- NEW TYPE III BARRICADE
- PROPOSED STREET LIGHT

FOR ROADWAY SECTIONS AND DETAILS SEE SHEET 3

CONTRACTOR SHALL COORDINATE WITH ALL WET AND DRY UTILITY COMPANIES FOR EXACT LOCATIONS OF UTILITIES PRIOR TO ANY WORK WITHIN 98TH STREET OR LADERA DRIVE. CONTRACTOR SHALL CONTACT ENGINEER IMMEDIATELY UPON THE DISCOVERY OF ANY DISCREPANCIES.

CONTRACTOR SHALL COORDINATE WITH DAV EHARMON AT THE CITY OF ALBUQUERQUE PRIOR TO STRIPING AND SIGNING

KEYED NOTES (1)

1. EXISTING PAVEMENT MARKINGS TO REMAIN.
2. NEW 4" BROKEN WHITE REFLECTIVE PLASTIC STRIPE (10' STRIPE, 30' GAP).
3. NEW 4" SOLID WHITE REFLECTIVE PLASTIC STRIPE.
4. NEW 12" SOLID WHITE REFLECTIVE PLASTIC STRIPE CROSSWALK 10' (INSIDE) WIDE (TYP.).
5. NEW 12" OR 24" SOLID WHITE REFLECTIVE PLASTIC STRIPE STOP BAR. 4' (MIN.) BEHIND CROSSWALK OR PC OF MEDIAN WHICHEVER IS LESS
6. NEW PREFORMED REFLECTIVE PLASTIC LEFT ARROW.
7. NEW PREFORMED REFLECTIVE PLASTIC RIGHT ARROW.
8. NEW PREFORMED REFLECTIVE PLASTIC THRU OR CHANNELIZATION ARROW.
9. NEW PREFORMED REFLECTIVE PLASTIC THRU AND RIGHT ARROW.
10. NEW PREFORMED REFLECTIVE PLASTIC THRU AND LEFT ARROW.
11. NEW PREFORMED REFLECTIVE PLASTIC PAVEMENT MARKING "ONLY".
12. NEW BICYCLE PAVEMENT MARKING. SEE DIAGRAM THIS SHEET
13. REMOVE EXISTING STRIPING OR PAVING MARKINGS. SEE STRIPING ERADICATION NOTE THIS SHEET
14. INSTALL CHEVRON AT 20' SPACING, 45° ANGLE OF WHITE REFLECTIVE PLASTIC. (SEE DETAIL THIS SHEET)
15. 6" WHITE REFLECTIVE PLASTIC BIKE LANE STRIPING
16. SOLID DOUBLE 4" YELLOW REFLECTIVE PLASTIC
17. NEW 8" BROKEN WHITE REFLECTIVE PLASTIC STRIPE (3' STRIPE, 7' GAP).
18. PAINT MEDIAN NOSE YELLOW

STRIPING ERADICATION NOTE:

STRIPING ERADICATION SHALL BE ACCOMPLISHED BY WATER BLASTING OR SURFACE PLANING OF THE ROADWAY. TO A MAX. DEPTH OF ¼" AND A WIDTH EQUAL TO TWICE THE WIDTH OF THE STRIPE OR MARKING TO BE REMOVED

W4-2R-36 · W1-4L-36 · W1-4bL-36

R2-1-36-XX · R1-1-30 · R4-7-30 · R4-4

R3-7L-30 · R3-7R-30 · W9-2L-30 · W9-2R-30

W9-1L-30 · W9-1R-30 · W16-2a · R3-16a · R7-9A

SIGNAGE KEYED NOTES:

1. INSTALL R1-1-30.
2. INSTALL R3-7L-30.
3. INSTALL R3-7R-30.
4. INSTALL W9-2L-30
5. INSTALL W9-2R-30
6. INSTALL W6-2-36
7. INSTALL W9-1L-30.
8. INSTALL W9-1R-30
9. INSTALL W16-2a
10. INSTALL R3-16a
11. INSTALL R7-9A
12. INSTALL W4-2R-36.
13. INSTALL W1-4L-36.
14. INSTALL W1-4bL-36
15. INSTALL R2-1-36-25
16. INSTALL R2-1-36-35
17. INSTALL R4-4

NOTES:

1. ALL NEW PAVEMENT MARKINGS INCLUDING LANE LINES, STOP BARS CROSSWALKS AND ARROWS SHALL BE EITHER HOT OR COLD PLASTIC REFLECTIVE MARKINGS.
2. COLD PLASTIC REFLECTIVE PAVEMENT MARKINGS SHALL CONFORM TO THE SUPPLEMENTAL TECHNICAL SPECIFICATIONS, SECTION 440, IN THE CONTRACT DOCUMENTS.
3. HOT PLASTIC REFLECTIVE PAVEMENT MARKINGS WILL BE CONSIDERED BY THE CITY AS A SUBSTITUTE FOR COLD PLASTIC PROVIDED THAT THE INSTALLATION IS CARRIED OUT PER THE MANUFACTURER'S SPECIFICATIONS. HOT PLASTIC SHALL BE A MINIMUM OF 90 MIL THICKNESS FOR LANELINES AND 125 MIL FOR ALL TRANSVERSE LINES. TEN POUND DROP-ON GLASS BEADS PER 100 SP FT. IS REQUIRED. ALL TRANSVERSE LINES SHALL BE ALKYD THERMOPLASTIC. LANE LINES MAY BE HYDROCARBON THERMO-PLASTIC.
4. CONTRACTOR SHALL REMOVE ALL CONFLICTING EXISTING PAVEMENT MARKINGS. SEE ERADICATION NOTE THIS SHEET
5. CONTRACTOR SHALL CAREFULLY REMOVE SIGN, POST AND BASE POST AND RETURN TO THE CITY OF ALBUQUERQUE PUBLIC WORKS YARD. INSTALL NEW SIGN, SIGN POSTS AND BASE POSTS AT THE LOCATION SHOWN IN TABLE.
6. CONTRACTOR SHALL INSTALL NEW SIGN SIGN POST AND BASE POST AT THE LOCATION SHOWN IN TABLE.
7. CONTRACTOR SHALL INSTALL ALL NEW STRIPING AS SHOWN.
8. ALL LETTERS AND SYMBOL MARKINGS ON THE PAVEMENT SHOULD BE IN CONFORMANCE WITH THE STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS.
9. THE LONGITUDINAL SPACE BETWEEN THE WORD "ONLY" AND THE DIRECTIONAL ARROW IS 40 FEET.
10. THE LONGITUDINAL SPACE BETWEEN DIRECTIONAL ARROWS IS 100 FEET, UNLESS OTHERWISE NOTED.
11. ALL MEDIAN NOSES SHALL BE PAINTED REFLECTIVE YELLOW
12. ALL STRIPING MUST CONFORM TO THE MUTCD

LADERA DRIVE
NOT TO SCALE

TYPICAL PULL BOX INSTALLATION
NOTE: SEE "CONCRETE COLLAR DETAIL"

CONCRETE COLLAR DETAILS
NOTE: THE CONCRETE COLLAR FOR THE PULL BOXES WILL BE CONSIDERED INCIDENTAL TO THE PULL BOX BID ITEMS

TRAFFIC SIGNAL PULL BOX (TYPICAL)
NEW CONDUIT INSTALLATION

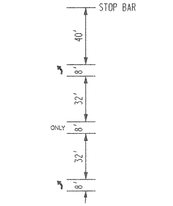
TRAFFIC SIGNAL PULL BOX (TYPICAL)
RETROFIT INSTALLATION

PULL BOX DETAILS

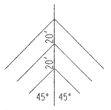
NOTES FOR HEAVY DUTY REINFORCED POLYMER MORTAR PULL BOX AND COVERS

1. MATERIAL TO BE AN AGGREGATE CONSISTING OF SAND AND GRAVEL BOUND TOGETHER WITH A POLYMER AND REINFORCED WITH CONTINUOUS WOVEN GLASS STRANDS. THE MATERIAL MUST HAVE THE FOLLOWING MECHANICAL PROPERTIES: COMPRESSIVE STRENGTH - 11,000 PSI, TENSILE STRENGTH - 1,700 PSI, FLEXURAL STRENGTH - 7,500 PSI
2. ALL PULL BOX COVERS SHALL BE HEAVY DUTY REINFORCED POLYMER MORTAR, HAVING A SERVICE LOAD OF 22,568 LBS OVER 10" SQUARE (225 PSI).
3. PULL BOX TYPE AND LOGO SHALL BE APPROVED BY THE PROJECT MANAGER.
4. THE DIMENSIONS OF THE PULL BOXES SHOWN ARE NOMINAL DIMENSIONS AND MAY VARY AS TO THE MANUFACTURER'S RECOMMENDATIONS. ALL DIMENSIONS SHALL BE VERIFIED BY THE PROJECT MANAGER.
5. ELECTRICAL PULL BOX (STANDARD) SHALL BE A HEAVY DUTY REINFORCED POLYMER MORTAR PULL BOX AND COVER MEASURING 13¾" x 23¾" x 2".

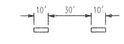
BICYCLE PAVEMENT MARKINGS
NOT TO SCALE



TYPICAL LEFT TURN ONLY



TYPICAL CHEVRON/CROSS HATCHING



TYPICAL DASHED STRIPING

TYPICAL STRIPING DETAILS
NTS

Bohannan ▲ Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

WESTLAND NORTH PHASE 1
STRIPING & SIGNING PLAN
LADERA DRIVE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
MAR - 3 2004	APPROVED MAR 26 2004			
DESIGN REVIEW COMMITTEE	CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650282	H-9/J-8/J-9	20	21

BHI JOB NO. 00311A04

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AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY
ACCEPTANCE BY
FIELD CHECKED BY
DRAWINGS CORRECTED BY
MICRO-FILM INFORMATION
ON PASEO DEL VULCAN, 0.91 MI NORTH OF I - 40, 0.74 MI SOUTH OF
RECORDED BY
POWERLINES, 39.6' NW OF CENTERLINE OF PASEO DEL VULCAN
DATE
NO.

BENCH MARKS
ACS STATION NAMED 4 - K6
3 -1/4" ALUM. CAP
HV18 = 4 - K6
X=1,477,665.89, Y=1,484,081.55
ELEV=5733.00

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
NEW MEXICO
M. DAYTON
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY	DATE
		REVISIONS		
		DESIGN		
1	12-2004	RECORDED DRAWINGS		
DESIGNED BY			YOP	DATE 05/2003
DRAWN BY			DLM	DATE 05/2003
CHECKED BY			KGP	DATE 05/2003

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11-FEB-2004
11:31
kmurtagh

RECORD DRAWING

SCANNED BY
MESA REPRO

IMAGE PO... [illegible]

2	INSTALL R1-1-30.
3	INSTALL R3-6R-30.
4	INSTALL R3-7-30
5	INSTALL R3-7-30
6	INSTALL R3-7R-30
7	INSTALL R3-5R-30

R1-1-30

R3-7L-30

R3-6R-30

R4-[illegible]-30

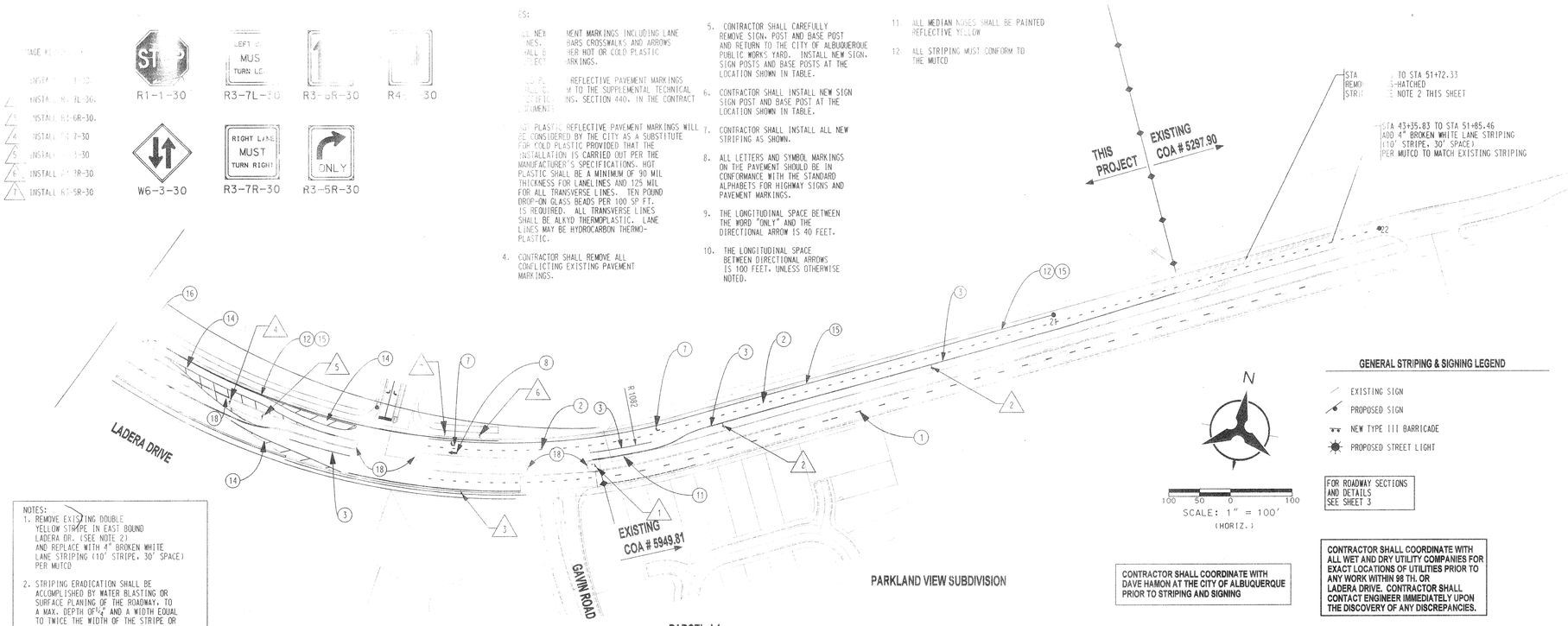
W6-3-30

R3-7R-30

R3-5R-30

NOTES:

1. [illegible]E NEW [illegible]MENT MARKINGS INCLUDING LANE [illegible]NES, [illegible]HARS CROSSWALKS AND ARROWS [illegible]ALL BE [illegible]HER HOT OR COLD PLASTIC [illegible]LECT [illegible]MARKINGS.
2. [illegible] REFLECTIVE PAVEMENT MARKINGS [illegible]SHALL C[illegible] W TO THE SUPPLEMENTAL TECHNICAL [illegible]CIFIC[illegible]NS, SECTION 440, IN THE CONTRACT [illegible]UMENTS.
3. [illegible]OT PLASTIC REFLECTIVE PAVEMENT MARKINGS WILL BE CONSIDERED BY THE CITY AS A SUBSTITUTE FOR COLD PLASTIC PROVIDED THAT THE INSTALLATION IS CARRIED OUT PER THE MANUFACTURER'S SPECIFICATIONS. HOT PLASTIC SHALL BE A MINIMUM OF 90 MIL THICKNESS FOR LANELINES AND 125 MIL FOR ALL TRANSVERSE LINES. TEN POUND DROP-ON GLASS BEADS PER 100 SF FT. IS REQUIRED. ALL TRANSVERSE LINES SHALL BE ALKYD THERMOPLASTIC. LANE LINES MAY BE HYDROCARBON THERMO-PLASTIC.
4. CONTRACTOR SHALL REMOVE ALL CONFLICTING EXISTING PAVEMENT MARKINGS.
5. CONTRACTOR SHALL CAREFULLY REMOVE SIGN, POST AND BASE POST AND RETURN TO THE CITY OF ALBUQUERQUE PUBLIC WORKS YARD. INSTALL NEW SIGN, SIGN POSTS AND BASE POSTS AT THE LOCATION SHOWN IN TABLE.
6. CONTRACTOR SHALL INSTALL NEW SIGN SIGN POST AND BASE POST AT THE LOCATION SHOWN IN TABLE.
7. CONTRACTOR SHALL INSTALL ALL NEW STRIPING AS SHOWN.
8. ALL LETTERS AND SYMBOL MARKINGS ON THE PAVEMENT SHOULD BE IN CONFORMANCE WITH THE STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS.
9. THE LONGITUDINAL SPACE BETWEEN THE WORD "ONLY" AND THE DIRECTIONAL ARROW IS 40 FEET.
10. THE LONGITUDINAL SPACE BETWEEN DIRECTIONAL ARROWS IS 100 FEET, UNLESS OTHERWISE NOTED.
11. ALL MEDIAN NOSES SHALL BE PAINTED REFLECTIVE YELLOW
12. ALL STRIPING MUST CONFORM TO THE MUTCD



PARCEL J-1

NOTES:
1. REMOVE EXISTING DOUBLE YELLOW STRIPE IN EAST BOUND LADERA DR. (SEE NOTE 2) AND REPLACE WITH 4" BROKEN WHITE LANE STRIPING (10' STRIPE, 30' SPACE) PER MUTCD
2. STRIPING ERADICATION SHALL BE ACCOMPLISHED BY WATER BLASTING OR SURFACE PLANING OF THE ROADWAY, TO A MAX. DEPTH OF 1/4" AND A WIDTH EQUAL TO TWICE THE WIDTH OF THE STRIPE OR MARKING TO BE REMOVED

N

SCALE: 1" = 100'
(HORIZ.)

GENERAL STRIPING & SIGNING LEGEND

- EXISTING SIGN
- PROPOSED SIGN
- NEW TYPE III BARRICADE
- PROPOSED STREET LIGHT

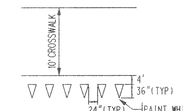
FOR ROADWAY SECTIONS AND DETAILS SEE SHEET 3

CONTRACTOR SHALL COORDINATE WITH DAVE HAMON AT THE CITY OF ALBUQUERQUE PRIOR TO STRIPING AND SIGNING

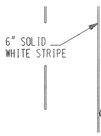
CONTRACTOR SHALL COORDINATE WITH ALL WET AND DRY UTILITY COMPANIES FOR EXACT LOCATIONS OF UTILITIES PRIOR TO ANY WORK WITHIN 98 TH. OR LADERA DRIVE. CONTRACTOR SHALL CONTACT ENGINEER IMMEDIATELY UPON THE DISCOVERY OF ANY DISCREPANCIES.

KEYED NOTES (1)

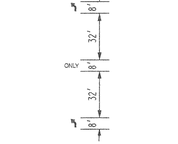
1. EXISTING PAVEMENT MARKINGS TO REMAIN.
2. NEW 4" BROKEN WHITE REFLECTIVE PLASTIC STRIPE (10' STRIPE, 30' GAP).
3. NEW 4" SOLID WHITE REFLECTIVE PLASTIC STRIPE.
4. NEW 12" SOLID WHITE REFLECTIVE PLASTIC STRIPE 10' WIDE CROSSWALK (TYP.).
5. NEW 24" SOLID WHITE REFLECTIVE PLASTIC STRIPE STOP BAR, 5' BEHIND CROSSWALK OR PC OF MEDIAN WHICHEVER IS LESS
6. NEW REFLECTIVE PLASTIC LEFT ARROW.
7. NEW REFLECTIVE PLASTIC RIGHT ARROW.
8. NEW REFLECTIVE PLASTIC THRU ARROW.
9. NEW REFLECTIVE PLASTIC THRU AND RIGHT ARROW.
10. NEW REFLECTIVE PLASTIC THRU AND LEFT ARROW.
11. NEW REFLECTIVE PLASTIC PAVEMENT MARKING "ONLY".
12. NEW BICYCLE PAVEMENT MARKING. SEE DIAGRAM.
13. REMOVE EXISTING STRIPING OR PAVING MARKINGS.
14. INSTALL CHEVRON AT 10' SPACING, 45° ANGLE OF WHITE REFLECTIVE PLASTIC. (SEE DETAIL THIS SHEET)
15. 6" WHITE REFLECTIVE PLASTIC BIKE LANE STRIPING
16. SOLID 4"DOUBLE YELLOW REFLECTIVE PLASTIC
17. NEW 8" BROKEN WHITE REFLECTIVE PLASTIC STRIPE (3' STRIPE, 7' GAP).
18. PAINT MEDIAN NOSE YELLOW



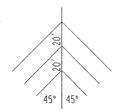
YIELD LINE STRIPING FOR CHANNALIZED RIGHT TURN



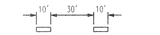
BICYCLE PAVEMENT MARKINGS
NOT TO SCALE



TYPICAL LEFT TURN ONLY

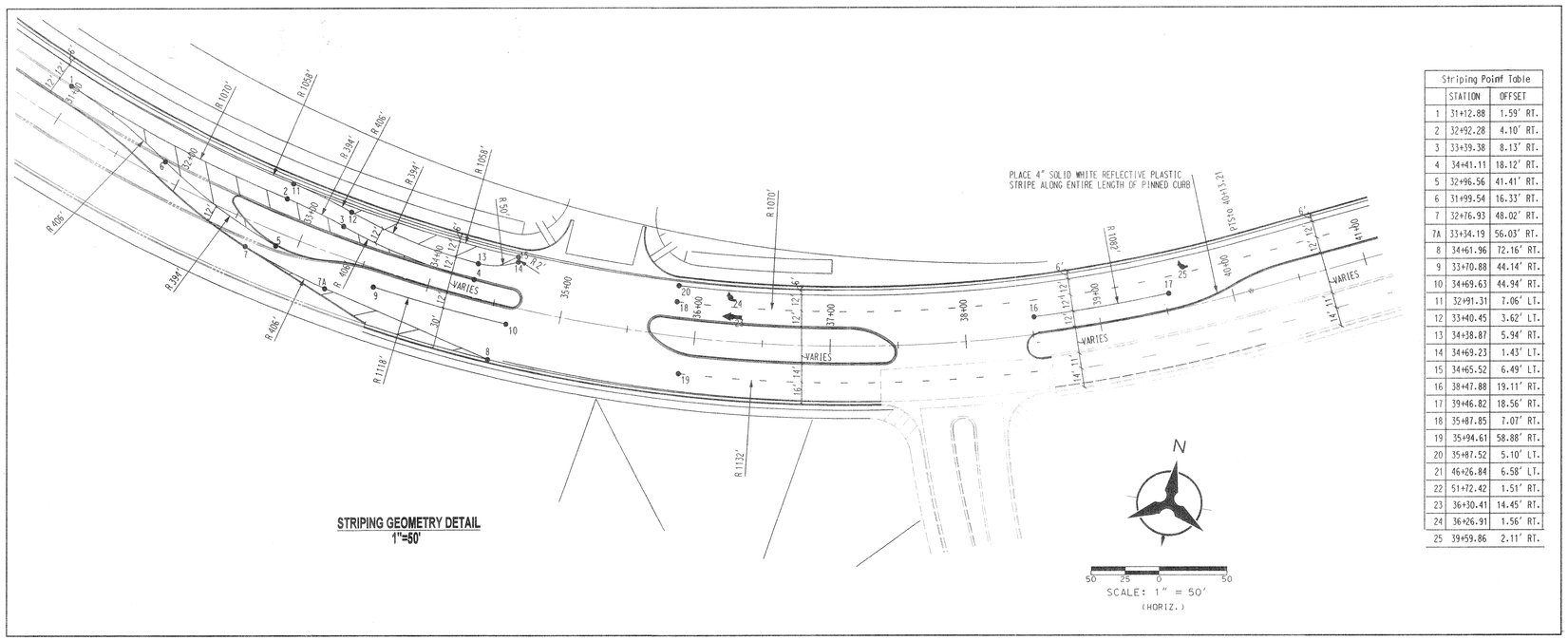


TYPICAL CHEVRON/CROSS HATCHING



TYPICAL DASHED STRIPING

TYPICAL STRIPING DETAILS
NTS



STRIPING GEOMETRY DETAIL
1"=50'

Striping Point Table		
	STATION	OFFSET
1	31+12.88	1.59' RT.
2	32+92.28	4.10' RT.
3	33+39.38	8.13' RT.
4	34+41.11	18.12' RT.
5	32+96.56	41.41' RT.
6	31+99.54	16.33' RT.
7	32+76.93	48.02' RT.
7A	33+34.19	56.03' RT.
8	34+61.96	72.16' RT.
9	33+70.88	44.14' RT.
10	34+69.63	44.94' RT.
11	32+91.31	7.06' LT.
12	33+40.45	3.62' LT.
13	34+38.87	5.94' RT.
14	34+69.23	1.43' LT.
15	34+65.52	6.49' LT.
16	38+47.88	19.11' RT.
17	39+46.82	18.56' RT.
18	35+87.85	7.07' RT.
19	35+94.61	58.88' RT.
20	35+87.52	5.10' LT.
21	46+26.84	6.58' LT.
22	51+72.42	1.51' RT.
23	36+30.41	14.45' RT.
24	36+26.91	1.56' RT.
25	39+59.86	2.11' RT.

N

SCALE: 1" = 50'
(HORIZ.)

AS-BUILT INFORMATION

BENCH MARKS
ACS STATION NAMED 4 - K6
3 -1/4" ALUM. CAP
HV18 = 4 - K6
X=1,477,665.89, Y=1,484,081.55
ELEV=5733.00
ON PASEO DEL VULCAN, 0.91 MI NORTH OF I - 40, 0.74 MI SOUTH OF POWERLINES, 39.6' NW OF CENTERLINE OF PASEO DEL VULCAN

FIELD NOTES
NO. | BY | DATE

STAKED BY | DATE
ACCEPTANCE BY | DATE
FIELD CHECKED BY | DATE
DRAWINGS TOBE BY | DATE
CORRECTED BY | DATE

MICRO-FILM INFORMATION
RECORDED BY | DATE
NO.

ENGINEER'S SEAL
REGISTERED PROFESSIONAL ENGINEER
NEW MEXICO
10886
WILLIAM G. PAYTON
2-11-04

NO.	DATE	REMARKS	BY	DATE
1	1/2/2004	RECORD DRAWING.	CGC	05/2003
		REVISIONS		
		DESIGN		
		DESIGNED BY	YOP	
		DRAWN BY	DLM	
		CHECKED BY	KGP	

Bohannan Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING · SPATIAL DATA · ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

WESTLAND NORTH PHASE 1
STRIPING & SIGNING PLAN
LADERA DRIVE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
MAR - 3 2004	APPROVED APR 26 2004 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650282	H-9/J-8/J-9	21	21

BHI JOB NO. 00311A04

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RECORD DRAWING

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11-FEB-2004
11:31
kmurtaugh

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11-FEB-2004
11:31
kmurtaugh