SCANNED BY PLANNING

2 3 4 5 6 7 8 9 10 11 12 13 14 15
06-77999.811-0002 1

# BARON'S RUN

## ALBUQUERQUE, NEW MEXICO

## MAY 2006

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CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Steven K. Morrow, of the firm Brasher and Lorenz, Inc., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction and survey information provided by Anthony L. Harris NMPS number 11463.

Steven K. Morrow, NMPE 13679

Date

STEVEN K. MORROW NEW MEXICO 13679 REGISTERED PROFESSIONAL ENGINEER

4-5-07

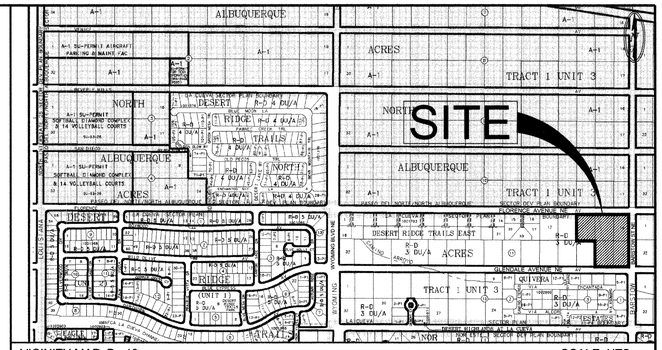
APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE 9-12-07

RECORD DRAWING

05 DRB 01817

PROJECT 1004456


BRASHER & LORENZ
CONSULTING ENGINEERS
2201 San Pedro Blvd. NE Bldg. 1, Suite 1200
Albuquerque, New Mexico 87110
Phone: (505) 888-8088 Fax: (505) 888-6188


VICINITY MAP: B - 19 SCALE: NTS

GENERAL NOTES:

1. CITY OF ALBUQUERQUE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS AMENDED THROUGH UPDATE 7, WILL BE REFERRED TO HEREIN AS THE "STANDARD SPECIFICATIONS." 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 STANDARD SPECIFICATIONS
2. THREE WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) AND DETERMINE LOCATION OF EXISTING UTILITIES.
3. PRIOR TO ANY 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 THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITHOUT DELAY.
4. ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC., WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RE-SET BY THE CONTRACTOR.
5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) WORKING DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. THE CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MARKER 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.
6. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE STANDARD SPECIFICATIONS.
7. ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES 24 HOUR CONSTRUCTION.
8. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
9. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED BY THE CONTRACTOR WITH HOT THERMOPLASTIC REFLECTORIZED PAVEMENT MARKING. ALL NEW STRIPING SHALL BE HOT THERMOPLASTIC REFLECTORIZED PAVEMENT MARKING.
10. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB AND GUTTER, DRIVEPADS, WHEELCHAIR RAMPS AND SIDEWALKS DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE PER THE STANDARD SPECIFICATIONS AT HIS OWN EXPENSE.
11. EXISTING UTILITY LINES AND PIPELINES SHOWN ON THESE DRAWINGS ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. UTILITIES MAY EXIST WHERE NONE ARE SHOWN. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE OR TYPE OF EXISTING UTILITY LINES AND PIPELINES. THE CONTRACTOR IS FULLY RESPONSIBLE FOR DAMAGE CAUSED BY FAILURE TO LOCATE AND PRESERVE EXISTING UTILITY LINES AND PIPELINES.
12. THE CONTRACTOR SHALL SECURE A "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION.
13. THE CONTRACTOR SHALL ASSIST THE ENGINEER/INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE OWNERS FOR THE PREPARATION OF "RECORD DRAWINGS." THE CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
14. ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY OR EASEMENTS MUST BE DONE FROM APPROVED WORK ORDER DOCUMENTS FROM THE CITY AND PREPARED BY BRASHER AND LORENZ, INC.
15. THE CONTRACTOR SHALL DETERMINE IN ADVANCE OF HIS CONSTRUCTION IF OVERHEAD UTILITY LINES, SUPPORT STRUCTURES, POLES, GUYS, ETC. ARE AN OBSTRUCTION TO CONSTRUCTION OPERATIONS. IF ANY OBSTRUCTION TO CONSTRUCTION OPERATIONS IS EVIDENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE UTILITY OWNER TO REMOVE OR SUPPORT THE UTILITY OBSTRUCTION. ANY COST ASSOCIATED WITH THIS EFFORT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
16. THE CONTRACTOR IS TO SUPPORT AND MAINTAIN THE INTEGRITY OF ALL UNDERGROUND TELEPHONE, ELECTRIC CABLES AND CABLE TELEVISION UTILITIES AT NO ADDITIONAL COST THE OWNER. CABLE IS TO BE SUPPORTED EVERY 15 FEET (MINIMUM). CONTRACTOR SHALL COORDINATE WITH AND MAKE NECESSARY PAYMENT (IF ANY) TO UTILITY OWNER FOR DE-ENERGIZATION OF CABLES OR SUPPORT OF CABLES BY THE UTILITY OWNER.
17. FOR STORM DRAIN CONSTRUCTION, RCP PIPE SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
18. THE WATER SYSTEMS DIVISION (857-8200) WILL BE NOTIFIED BY THE CONTRACTOR SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THE EXISTING PUBLIC WATER FACILITIES. REFER TO SECTION 18 OF THE STANDARD SPECIFICATIONS.
19. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
20. ELECTRONIC MARKER DISKS (EMD0 WILL BE PLACED ACCORDING TO SECTION 170 OF THE STANDARD SPECIFICATIONS.
21. PRIVATE STREETS REQUIRE STREET NAME SIGNS, STOP SIGNS AND ANY NECESSARY STRIPING (DEVELOPERS RESPONSIBILITY).

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

ENGINEER'S STAMP & SIGNATURE

DENNIS A. LORENZ NEW MEXICO 9647 REGISTERED PROFESSIONAL ENGINEER

05-22-06

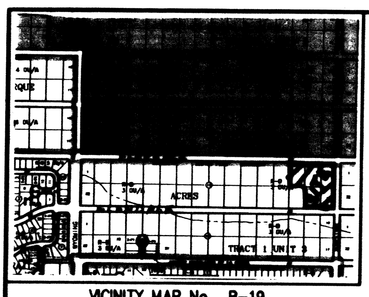
| APPROVALS | ENGINEER | DATE |
|---|---|---|
| DRC Chair | | June 21, 2006 |
| Transportation | | 6-15-06 |
| Water/Wastewater | William J. Dalak | 6-6-06 |
| Hydrology | Bradley J. Bjde | 6-6-06 |
| CIP | | |
| Constr. Mgmt. | | |
| Constr. Coord. | | |

APPROVED FOR CONSTRUCTION

City Engineer 7-11-06 Date

City Project No. 779981

Zone Map No. B - 19 Sheet 1 of 16




N.T.S.

VICINITY MAP No. B-19

# PLAT OF
# BARON'S RUN SUBDIVISION

WITHIN
ELENA GALLEGOS GRANT
PROJECTED SECTION 8
SECTION 8, TOWNSHIP 11 NORTH, RANGE 4 EAST, N.M.P.M.
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
AUGUST, 2006

PROJECT NUMBER: 1004456

APPLICATION NUMBER: ~~05-DRB-01507~~ 06-DRB-01494

UTILITY APPROVALS:

PNM ELECTRIC SERVICES — DATE 8-16-06

PNM GAS SERVICES — DATE 8-16-06

QWEST TELECOMMUNICATIONS — DATE 8/25/06

COMCAST — DATE 8-16-06

NEW MEXICO UTILITIES — N.A. — DATE

CITY APPROVALS:

CITY SURVEYOR — DATE 8/9/06

*REAL PROPERTY DIVISION (CONDITIONAL) — N/A — DATE

*ENVIRONMENTAL HEALTH DEPARTMENT (CONDITIONAL) — N/A — DATE

TRAFFIC ENGINEERING, TRANSPORTATION DIVISION — DATE 8-23-06

UTILITIES DEVELOPMENT — DATE 8-23-06

PARKS AND RECREATION DEPARTMENT — DATE 8/23/06

AMAFCA — DATE 8/23/06

CITY ENGINEER — DATE 8/23/06

DRB CHAIRPERSON, PLANNING DEPARTMENT — DATE 11/06/06

2006174936
00508499
Page: 1 of 2
11/21/2006 08:17A
Mary Herrera — Bern. Co. PLAT — R 12.00 — Bk-2006C Pg-358

PURPOSE OF PLAT:

THE PURPOSE OF THIS PLAT IS TO DIVIDE LOTS 14 thru 18 INTO 12 LOTS AND ONE (1) TRACT, DEDICATE ADDITIONAL RIGHT-OF-WAY AND GRANT ANY EASEMENT AS SHOWN.

GENERAL NOTES:

1: UNLESS NOTED, No. 4 REBAR WITH CAP STAMPED P.S.#11463 WERE SET AT ALL PROPERTY CORNERS.
2: THIS PLAT SHOWS ALL EASEMENTS OF RECORD.
3: TOTAL AREA OF PROPERTY: 4.9939 ACRES.
4: TALOS LOG No. 2006341278
5: BASIS OF BEARINGS IS THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NAD 1927.
6: DISTANCES ARE GROUND, BEARINGS ARE GRID.
7: BEARINGS AND DISTANCES SHOWN IN PARENTHESIS ARE RECORD.
8: DATE OF FIELD WORK: NOVEMBER/DECEMBER, 2005
9: CURRENT ZONING: R-D
10: STREET CENTERLINE MONUMENTATION SHALL BE INSTALLED AT ALL CENTERLINE PC's, PT's ANGLE POINTS, AND STREET INTERSECTIONS AND SHOWN THUS. △ WILL BE MARKED BY A FOUR INCH (4") ALUMINUM CAP STAMPED "CITY OF ALBUQUERQUE CENTERLINE MONUMENTATION
11: ALL LANDSCAPING AND SIDEWALK IMPROVEMENTS LOCATED WITHIN THE 23 FOOT PUBLIC WATER, SEWER EASEMENT AND PRIVATE DRAINAGE AND PEDESTRIAN ACCESS EASEMENT ARE TO BE OWNED AND MAINTAINED BY THE OWNER OF LOT 6-P1.
12: TOTAL MILEAGE OF STREETS CREATED: 0.01193
13: ALL OPEN SPACE REQUIREMENTS ARE MET ON THE LOT WITH DWELLING PER THE PROVISIONS OF SECTION 14-16-3-8-(A)(1).
14: THE LANDSCAPE EASEMENTS CREATED ON LOTS 1-P1 AND 12-P1 SHALL BE MAINTAINED BY THE BARON'S RUN HOME OWNERS ASSOCIATION PER SECTION 22(E) OF THE DECLARATION OF RESTRICTIVE AND PROTECTIVE COVENANTS FOR BARON'S RUN SUBDIVISION, FILED IN THE OFFICE OF THE COUNTY OF BERNALILLO COUNTY ON NOV 21 2006, DOCUMENT No. 2006174933, BOOK A159 PAGES 4333
15: LEXIE LANE N.E., A PRIVATE ROAD FOR THE BENEFIT OF LOTS 1-P1 THROUGH 12-P1 LOCATED WITHIN TRACT "A", SHALL BE OWNER AND MAINTAINED BY THE HOME OWNERS ASSOCIATION BARON'S RUN. PER SECTION 22(F) OF THE DECLARATION OF RESTRICTIVE AND PROTECTIVE COVENANTS FOR BARON'S RUN SUBDIVISION, FILED IN THE OFFICE OF THE CLERK OF BERNALILLO COUNTY ON NOV 21 2006, DOCUMENT No. 2006174933 BOOK A159 PAGES 4333

16: EASEMENTS FOR ELECTRIC TRANSFORMERS/SWITCHGEARS, AS INSTALLED, SHALL EXTEND TEN FEET (10') IN FRONT OF TRANSFORMER/SWITCHGEAR DOORS AND FIVE FEET (5') ON EACH SIDE.

DISCLAIMER

IN APPROVING THIS PLAT, ON ELECTRIC SERVICES AND GAS SERVICES (PNM) DID NOT CONDUCT A TITLE SEARCH OF THE PROPERTIES SHOWN HEREIN. CONSEQUENTLY, PNM DOES NOT WAIVE NOR RELEASE ANY EASEMENT OR EASEMENT RIGHTS TO WHICH IT MAY BE ENTITLE.

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON

UPC# See attached list of Spanish

PROPERTY OWNER OF RECORD: Tung Wong

BERNALILLO CO. TREASURER'S OFFICE: M Chavez

05-BARON.dwg(Nov-05)

LEGAL DESCRIPTION

LOTS NUMBERED FOURTEEN (14), FIFTEEN (15), SIXTEEN (16), SEVENTEEN (17) AND EIGHTEEN (18) IN BLOCK NUMBERED ELEVEN (11), TRACT 1, UNIT 3, NORTH ALBUQUERQUE ACRES, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, 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 SEPTEMBER 10, 1931 IN VOLUME D, FOLIO 121 BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE WESTERLY LINE OF THE HEREIN DESCRIBED TRACT, WHENCE CITY OF ALBUQUERQUE CONTROL STATION "1-B20" HAVING NEW MEXICO STATE PLANE COORDINATES OF: (CENTRAL ZONE, NAD 1927) X=410,237.56 AND Y=1,524,092.46 BEARS S. 59 deg. 11' 16" E., A DISTANCE OF 990.59 FEET, RUNNING
THENCE N. 00 deg. 04' 45" W., A DISTANCE OF 233.89 FEET TO AN ANGLE POINT;
THENCE N. 90 deg. 00' 00" W., A DISTANCE OF 165.00 FEET TO AN ANGLE POINT;
THENCE N. 00 deg. 04' 45" W., A DISTANCE OF 264.60 FEET TO THE NORTHWEST CORNER, BEING A POINT ON THE CENTERLINE OF FLORENCE AVENUE;
THENCE S. 89 deg. 55' 15" E., ALONG THE CENTERLINE OF FLORENCE AVENUE, A DISTANCE OF 494.92 FEET TO THE NORTHEAST CORNER, BEING A POINT ON THE CENTERLINE OF BARSTOW STREET;
THENCE S. 00 deg. 04' 45" E., ALONG THE CENTERLINE OF BARSTOW STREET, A DISTANCE OF 531.90 FEET TO THE SOUTHEAST CORNER, BEING A POINT ON THE CENTERLINE OF GLENDALE AVENUE;
THENCE N. 89 deg. 36' 51" W., ALONG THE CENTERLINE OF GLENDALE AVENUE, A DISTANCE OF 330.06 FEET TO THE SOUTHWEST CORNER;
THENCE N. 00 deg. 04' 45" W., A DISTANCE OF 30.00 FEET TO THE PLACE OF BEGINNING CONTAINING 4.9939 ACRES MORE OR LESS.

PUBLIC UTILITY EASEMENT

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

PNM ELECTRIC FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF OVERHEAD AND UNDERGROUND ELECTRICAL LINES, TRANSFORMERS, POLES AND ANY OTHER EQUIPMENT, FIXTURES, STRUCTURES AND RELATED FACILITIES REASONABLY NECESSARY TO PROVIDE ELECTRICAL SERVICE.

PNM GAS FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF NATURAL GAS LINES, VALVES AND OTHER EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE NATURAL GAS.

COMCAST FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF SUCH LINES, CABLE AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE CABLE TV SERVICE.

QWEST FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF ALL BURIED AND AERIAL COMMUNICATION LINES AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE COMMUNICATION SERVICES, INCLUDING BUT NOT LIMITED TO ABOVE GROUND PEDESTALS AND CLOSURES.

INCLUDED, IS THE RIGHT TO BUILD, REBUILD, CONSTRUCT, RECONSTRUCT, LOCATE, RELOCATE, CHANGE, REMOVE, MODIFY, RENEW, OPERATE, AND MAINTAIN FACILITATES FOR THE PURPOSES DESCRIBED ABOVE, TOGETHER WITH 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 (ABOVE GROUND OR SUB-SURFACE), 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 ELECTRIC OR SAFETY CODE CAUSED BY CONSTRUCTION OR POOLS, DECKING, OR ANY STRUCTURES ADJACENT TO WITHIN OR NEAR EASEMENTS SHOWN ON THIS PLAT.

EASEMENTS FOR ELECTRIC TRANSFORMERS/SWITCHGEARS, AS INSTALLED, SHALL EXTEND TEN FEET (10') IN FRONT OF TRANSFORMER/SWITCHGEAR DOORS AND FIVE FEET (5') ON EACH SIDE.

DISCLAIMER

IN APPROVING THIS PLAT, ON ELECTRIC SERVICES AND GAS SERVICES (PNM) DID NOT CONDUCT A TITLE SEARCH OF THE PROPERTIES SHOWN HEREIN. CONSEQUENTLY, PNM DOES NOT WAIVE NOR RELEASE ANY EASEMENT OR EASEMENT RIGHTS TO WHICH IT MAY BE ENTITLED.

FREE CONSENT

THE SUBDIVISION HEREON DESCRIBED IS WITH THE FREE CONSENT AND IN ACCORDANCE WITH THE DESIRES OF THE UNDERSIGNED OWNERS AND PROPRIETOR THEREOF. SAID OWNER / PROPRIETOR DOES HEREBY GRANT ANY AND ALL EASEMENTS AS MAY BE CREATED BY THIS PLAT. THOSE SIGNING AS OWNERS WARRANT THAT THEY HOLD AMONG THEM COMPLETE AND INDEFEASIBLE TITLE IN FEE SIMPLE TO THE LAND SUBDIVIDED, AND ALSO DOES HEREBY DEDICATE ADDITIONAL RIGHT-OF-WAY TO THE ALBUQUERQUE AND BERNALILLO COUNTY COMMUNITY CONTINUATION.

RON B. CLARK, MANAGING PARTNER, BARONS RUN LLC — DATE 8/2/06

ACKNOWLEDGMENT

STATE OF NEW MEXICO )
COUNTY OF BERNALILLO ) S.S.

THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME A NOTARY PUBLIC THIS 2nd DAY OF August 20 06

BY: Ron B Clark, managing member
OWNERS NAME

MY COMMISSION EXPIRES: 10-17-06 BY: Sue Olschuler
NOTARY PUBLIC

SUE OLSCHULER NOTARY PUBLIC STATE OF NEW MEXICO

SURVEYORS CERTIFICATE:

STATE OF NEW MEXICO ) S.S.
COUNTY OF BERNALILLO )

I, ANTHONY L. HARRIS, A DULY PROFESSIONAL LICENSED LAND SURVEYOR, UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE PLAT WAS PREPARED UNDER MY DIRECT SUPERVISION, THAT I AM RESPONSIBLE FOR SAID PLAT AND MEETS THE REQUIREMENTS FOR MONUMENTATION AND SURVEY OF THE ALBUQUERQUE SUBDIVISION ORDINANCE AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND MEETS THE MINIMUM REQUIREMENTS FOR LAND SURVEYS AS SET FORTH BY THE STATE OF NEW MEXICO.

GIVEN UNDER MY HAND AND SEAL AT ALBUQUERQUE, NEW MEXICO, THIS 2nd DAY OF August 2006.

ANTHONY L. HARRIS, P.S. # 11463

ANTHONY L. HARRIS STATE OF NEW MEXICO #11463 PROFESSIONAL LAND SURVEYOR

HARRIS SURVEYING, INC. 10109 MONTE VISTA N.E. ALBUQUERQUE, NEW MEXICO 87112 PHONE: (505) 883-8056 FAX: (505) 883-9646

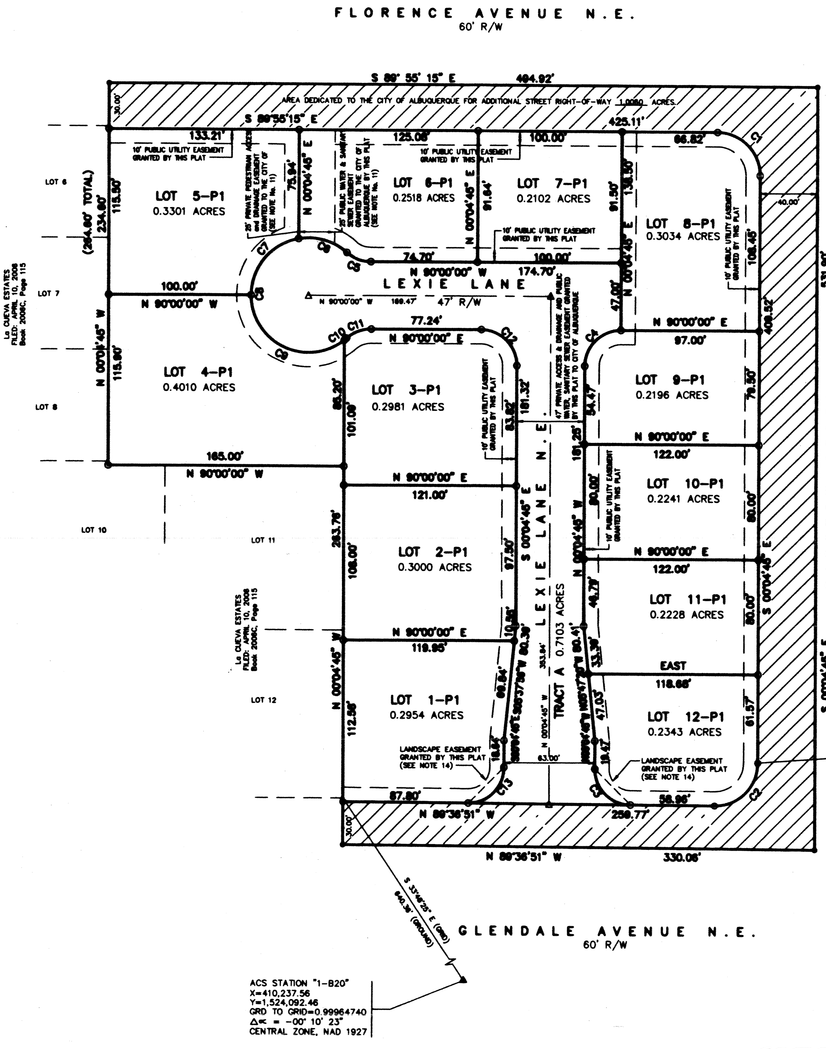
SHEET 1 of 2

# PLAT OF
# BARON'S RUN SUBDIVISION

WITHIN
ELENA GALLEGOS GRANT
PROJECTED SECTION 8
SECTION 8, TOWNSHIP 11 NORTH, RANGE 4 EAST, N.M.P.M.
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
AUGUST, 2006

PROJECT NUMBER: 1004456

APPLICATION NUMBER: 05-DRB-01507

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Page: 2 of 2
11/21/2006 08:17A
Mary Herrera — Bern. Co. PLAT — R 12.00 — Bk-2006C Pg-358

| CURVE | RADIUS | DELTA | ARC | BEARING | CHORD |
|---|---|---|---|---|---|
| C1 | 30.00 | 89°30'30" | 47.04 | S 45°00'00" E | 42.37 |
| C2 | 30.00 | 90°27'34" | 47.37 | S 45°06'11" W | 42.60 |
| C3 | 25.00 | 89°32'05" | 39.07 | N 44°50'48" W | 35.21 |
| C4 | 25.00 | 90°00'43" | 39.28 | N 44°56'36" E | 35.36 |
| C5 | 25.00 | 41°44'30" | 18.21 | N 89°07'45" W | 17.81 |
| C6 | 40.00 | 40°36'14" | 28.35 | N 67°52'44" E | 27.76 |
| C7 | 40.00 | 91°48'08" | 64.07 | S 45°53'54" W | 57.44 |
| C8 | 40.00 | 264°17'35" | 184.58 | S 00°00'00" W | 59.08 |
| C9 | 40.00 | 112°46'28" | 78.73 | S 56°33'14" E | 66.02 |
| C10 | 40.00 | 18°18'39" | 12.80 | N 39°03'42" E | 12.74 |
| C11 | 25.00 | 43°08'09" | 18.77 | N 68°44'48" E | 18.33 |
| C12 | 25.00 | 89°50'16" | 39.24 | S 45°02'33" E | 35.33 |
| C13 | 25.00 | 90°27'34" | 39.47 | S 45°06'11" W | 35.50 |

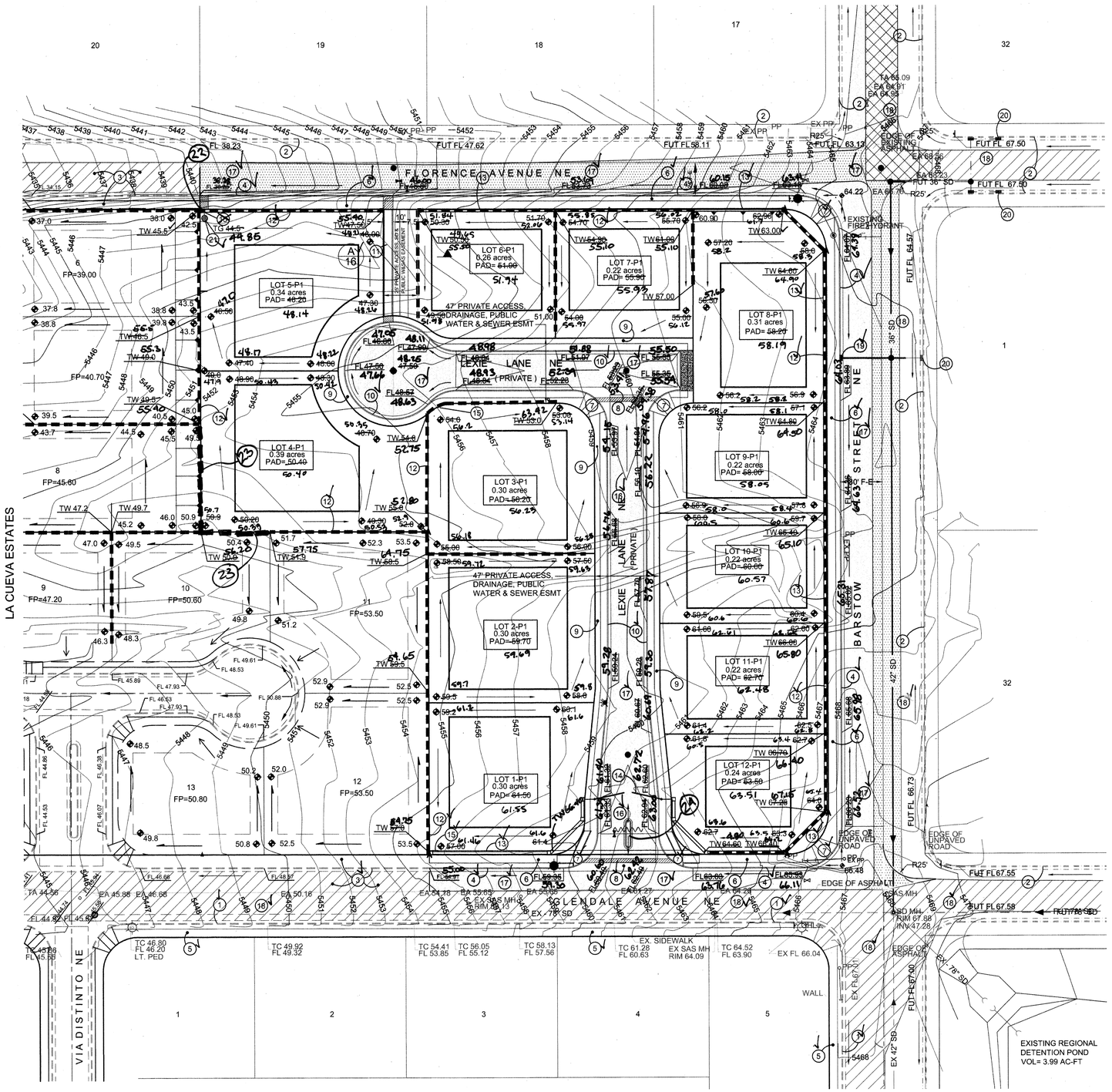
05-BARON.dwg(Nov-05)

SCANNED BY PLANNING

HARRIS SURVEYING, INC. 10109 MONTE VISTA N.E. ALBUQUERQUE, NEW MEXICO 87112 PHONE: (505) 883-8056 FAX: (505) 883-9646

SHEET 2 of 2

SCANNED BY PLANNING




RECORD DRAWING

N

1 inch = 40 ft.

05 DRB 01817
PROJECT 1004456

## LEGEND

| ITEM | EXISTING | PROPOSED |
|---|---|---|
| WATERLINE | EX 6" W | 6" W |
| SANITARY SEWER | EX 8" SAS | 8" SAS |
| STORM SEWER | EX 36" SD | 36" SD |
| FIRE HYDRANT | | |
| VALVE | | |
| METERED WATER SERVICE | | |
| MANHOLE | | |
| CURB AND GUTTER | | |
| HEADER CURB | | |
| DROP INLET | | |
| OVERHEAD ELEC WITH POWER POLE | EX OHE | OHE |
| UNDERGROUND ELEC, GAS, TEL, TV | EX UGT | UGT |
| CURB ELEVATIONS | TOP CONC. ELEV/ FLOWLINE ELEV. | TOP CONC. ELEV/ FLOWLINE ELEV. |
| SPOT ELEV. | × 16.7 | 16.7 |
| SEWER SERVICE | | |
| RIGHT OF WAY | | |
| EASEMENT | | |
| POWER POLE (GUYED) | EX PP | PP |
| CENTERLINE | | |
| TOP OF ASPHALT ELEV. | EX TA 16.2 | TA 16.2 |
| TOP OF CURB ELEV. | EX TC 16.2 | TC 16.2 |
| CONTOUR W/ ELEVATION | 4992 | 92 |
| RETAINING WALL | | |
| BLOCK WALL | | |
| ASPHALT PAVING | | |
| ASPHALT PAVING TO BE REMOVED | | |
| ASPHALT MILLINGS TO BE REMOVED | | |
| STREET LIGHT | | |
| DRAINAGE SWALE | | |
| ACCESSIBLE ROUTE 3' WIDE @ 2% CROSS-SLOPE | | |

## KEYED NOTES

1. EXISTING STD CURB AND GUTTER
2. FUTURE STD CURB AND GUTTER (N.I.C) NOT BUILT
3. NEW PAVEMENT, STD CURB AND GUTTER AND 6' SIDEWALK BY PROJECT 754981
4. NEW STD CURB AND GUTTER PER COA STD DWG 2415B
5. EXISTING 6' SIDEWALK
6. NEW 6' SIDEWALK PER COA STD DWG 2430 ~~NOT BUILT~~
7. NEW ACCESSIBLE RAMP PER COA STD DWG 2441 ~~NOT BUILT~~
8. NEW CONCRETE VALLEY GUTTER
9. NEW 4' SIDEWALK PER COA STD DWG 2430 NOT BUILT
10. NEW MOUNTABLE ROLL TYPE CURB AND GUTTER PER COA STD DWG 2415B
11. NEW 4'10" WIDE CONCRETE CHANNEL PER COA STD DWG 2260
12. NEW RETAINING WALL. SEE SHEET 2 ~~NOT COMPLETE~~
13. PERIMETER WALL ~~NOT COMPLETE~~
14. GATED ENTRY ~~NOT COMPLETE~~
15. ROTATE 2 CMU BLOCKS FOR DRAINAGE FLOWS.
16. NEW PAVING CROWN TRANSITION PER COA STD DWG 2401
17. NEW ASPHALT PAVEMENT THIS PROJECT
18. EXISTING ASPHALT PAVEMENT
19. NEW DOUBLE 'C' INLET
20. FUTURE INLETS BY OTHERS NOT BUILT
21. CONSTRUCT PRIVATE AREA DRAIN. SEE DETAIL C/16.
22. ROTATED BLOCK DELETED
23. BLOCK RETAINING WALL ADDED
24. ISLAND SHORTENED FROM 20' TO 8.5'

## PROJECT DATA

PROPERTY ADDRESS

GLENDALE AVE NE
ALBUQUERQUE, NEW MEXICO

LEGAL DISCRIPTION

LOTS 14 THRU 18, BLOCK 11
TRACT1, UNIT 3.
NORTH ALBUQUERQUE ACRES

SURVEYOR OF RECORD

HARRIS SURVEYING

**DATUM NGVD 1929**


**BRASHER & LORENZ**
CONSULTING ENGINEERS
2201 San Pedro Blvd. NE Bldg. 1, Suite 1200
Albuquerque, New Mexico 87110
Phone: (505) 888-6088 Fax: (505) 888-6188


### AS-BUILT INFORMATION

CONTRACTOR SALLS BROTHERS
WORK STAKED BY SURVTEK DATE 7-11/06
INSPECTORS ACCEPTANCE BY BRASHER DATE 11/06
VERIFICATION BY BRASHER DATE 11/06
DRAWINGS CORRECTED BY BRASHER DATE 11/06
MICRO-FILM INFORMATION DATE

### BENCHMARKS

ACS BRASS CAP STAMPED "1-B20"
LOCATED AT THE NE QUADRANT OF THE INTERSECTION OF MODESTO AVE NE AND BARSTOW ST NE, APPROX 30' NORTH FROM THE CENTERLINE OF MODESTO AND 30' EAST FROM THE CENTERLINE OF BARSTOW.

N.M. STATE PLANE COORDINATES - CENTRAL ZONE NAD 27
X = 410,237.56 Y = 1,524,092.46
ELEVATION = 5474.533 FEET NGVD 1929

### SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|

### ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | | |

REVISIONS

| | | |
|---|---|---|
| DESIGN | DESIGNED BY | D.A.L DATE 02-2006 |
| | DRAWN BY | F.G DATE 02-2006 |
| | CHECKED BY | D.A.L DATE 02-2006 |

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

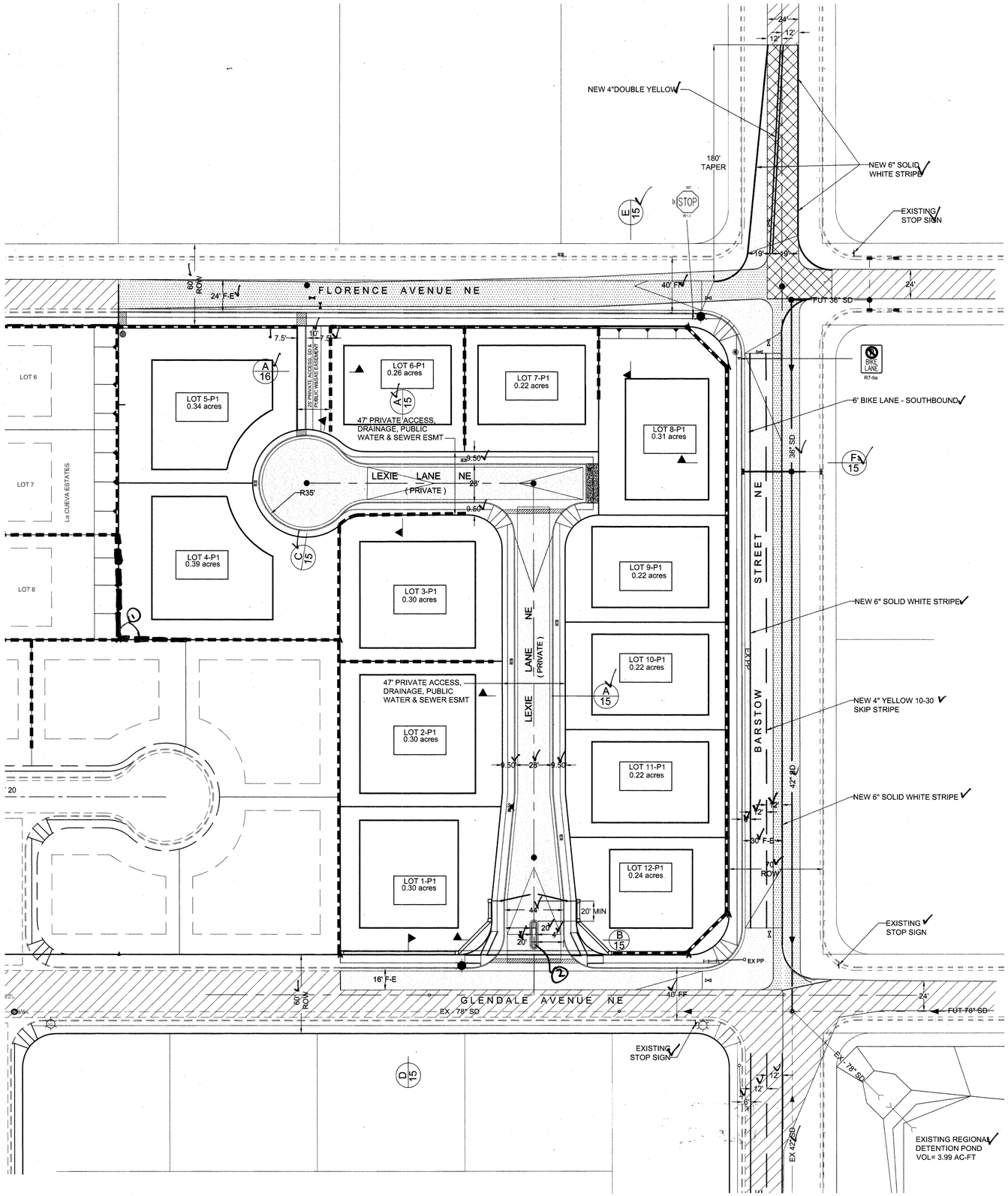
BARON'S RUN
GRADING AND DRAINAGE PLAN

Design Review Committee: APPROVED — DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED — JUL 11 2006 — CITY ENGINEER

Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 779981 | Zone Map No. B-19 | Sheet 3 of 16

SCANNED BY PLANNING




RECORD DRAWING

## LEGEND

| ITEM | EXISTING | PROPOSED |
|---|---|---|
| WATERLINE | EX 6" W | 6" W |
| SANITARY SEWER | EX 8" SAS | 8" SAS |
| STORM SEWER | EX 36" SD | 36" SD |
| FIRE HYDRANT | | |
| VALVE | | |
| METERED WATER SERVICE | | |
| MANHOLE | | |
| CURB AND GUTTER | | |
| HEADER CURB | | |
| DROP INLET | | |
| OVERHEAD ELEC WITH POWER POLE | EX OHE | OHE |
| UNDERGROUND ELEC, GAS,TEL,TV | EX UGT | UGT |
| CURB ELEVATIONS | TOP CONC. ELEV/ FLOWLINE ELEV | TOP CONC. ELEV/ FLOWLINE ELEV |
| SPOT ELEV. | × 16.7 | 16.7 |
| SEWER SERVICE | | |
| RIGHT OF WAY | | |
| EASEMENT | | |
| POWER POLE (GUYED) | EX PP | PP |
| CENTERLINE | | |
| TOP OF ASPHALT ELEV. | EX TA 16.2 | TA 16.2 |
| TOP OF CURB ELEV. | EX TC 16.2 | TC 16.2 |
| CONTOUR W/ ELEVATION | 4992 | 92 |
| RETAINING WALL | | |
| BLOCK WALL | | |
| ASPHALT PAVING | | |
| ASPHALT PAVING TO BE REMOVED | | |
| ASPHALT MILLINGS TO BE REMOVED | | |
| STREET LIGHT | | |
| DRAINAGE SWALE | | |
| ACCESSIBLE ROUTE 3' WIDE @ 2% CROSS-SLOPE | | |

KEY NOTES:
1. BLOCK WALL ADDED
2. ISLAND SHORTENED FROM 20' TO 8.5'

PRIVATE STREET PAVING NOTES:
THE DEVELOPER SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL PAVEMENTS, CURB, GUTTERS, SIDEWALKS, STREET NAME SIGNS, STOP SIGNS, REGULATORY SIGNS, AND PAVEMENT MARKINGS WITHIN LEXIE LANE NE.

STRIPING AND SIGNING NOTES:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL STRIPING AND SIGNING ON FLORENCE, BARSTOW AND GLENDALE UNTIL THE PROJECT IS ACCEPTED BY THE CITY OF ALBUQUERQUE.

| PAVING PLAN KEY | |
|---|---|
| STREET | SHEET NO. |
| GLENDALE AVENUE NE | 6 |
| FLORENCE AVENUE NE | 7 |
| BARSTOW STREET NE | 8 |
| LEXIE LANE NE | 9 |
| LEXIE LANE NE - WEST | 10 |
| **STORM DRAINAGE PLAN KEY** | |
| STREET | SHEET NO. |
| BARSTOW STREET NE | 14 |
| PRIVATE DRAINAGE CHANNEL | 13 |

**DATUM NGVD 1929**


**BRASHER & LORENZ**
CONSULTING ENGINEERS
2201 San Pedro Blvd. NE Bldg. 1, Suite 1200
Albuquerque, New Mexico 87110
Phone: (505) 888-6088 Fax: (505) 888-6188


AS-BUILT INFORMATION
CONTRACTOR SALLS BROTHERS DATE 7-11/06
STAKED BY SURVTEK DATE 11/06
INSPECTOR'S ACCEPTANCE BY BRASHER DATE 11/06
FIELD VERIFICATION BY BRASHER DATE 11/06
DRAWINGS CORRECTED BY BRASHER DATE
MICRO-FILM INFORMATION

BENCHMARKS
ACS BRASS CAP STAMPED "1-B20"
LOCATED AT THE NE QUADRANT OF THE INTERSECTION OF MODESTO AVE NE AND BARSTOW ST NE, APPROX 30' NORTH FROM THE CENTERLINE OF MODESTO AND 30' EAST FROM THE CENTERLINE OF BARSTOW.
N.M. STATE PLANE COORDINATES - CENTRAL ZONE NAD 27
X = 410,237.56 Y = 1,524,092.46
ELEVATION = 5474.533 FEET NGVD 1929

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL
DENNIS A. LORENZ NEW MEXICO 10890 REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

DESIGN

| | | |
|---|---|---|
| DESIGNED BY | D.A.L | DATE 02-2006 |
| DRAWN BY | F.G | DATE 02-2006 |
| CHECKED BY | D.A.L | DATE 02-2006 |

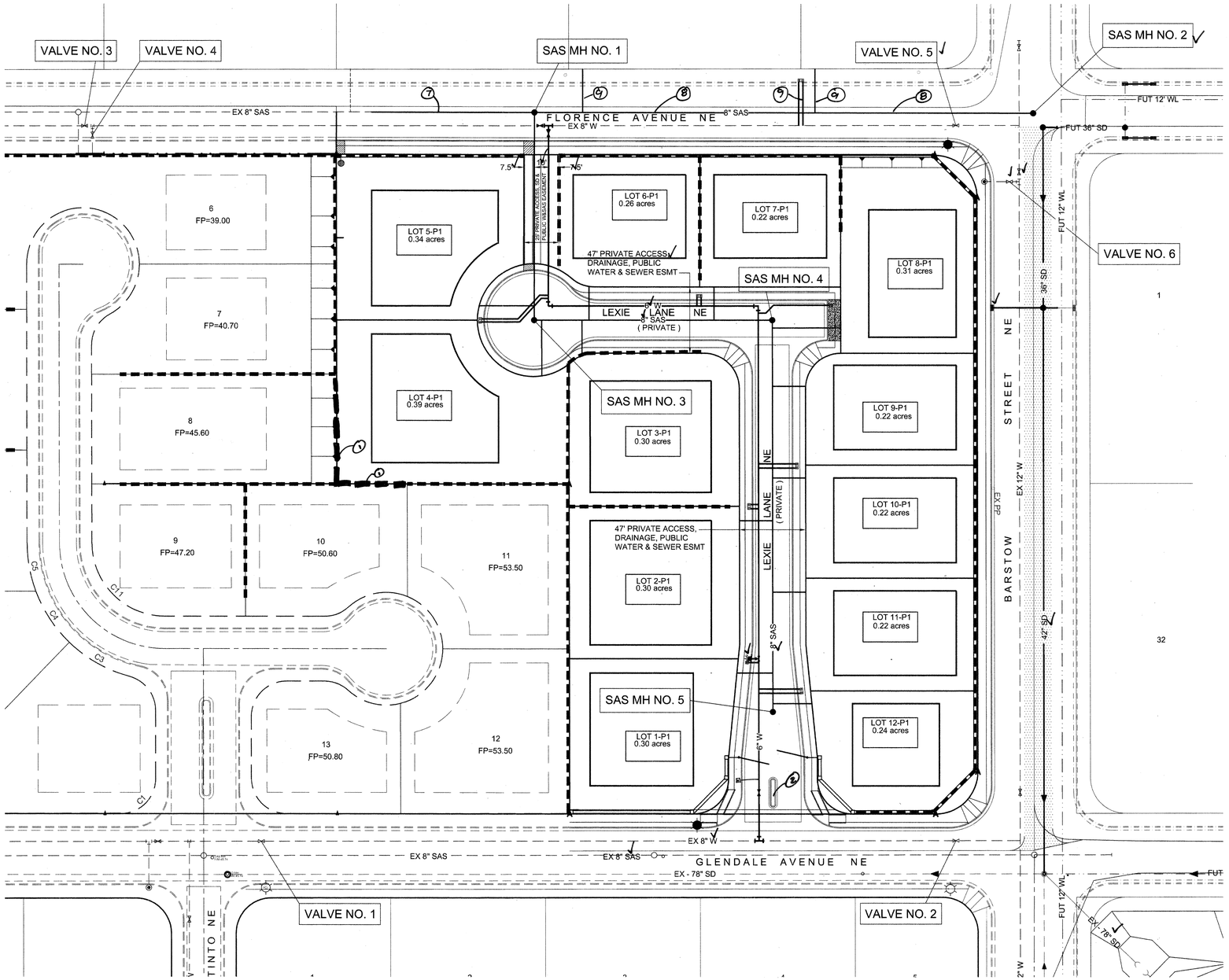
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BARON'S RUN
STREET AND STORM DRAINAGE LAYOUT

Design Review Committee: APPROVED JUN 21 2006 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED JUL 11 2006 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 779981 | Zone Map No. B-19 | Sheet 4 of 16

SCANNED BY PLANNING




## LEGEND

| ITEM | EXISTING | PROPOSED |
|---|---|---|
| WATERLINE | EX 6" W | 6" W |
| SANITARY SEWER | EX 8" SAS | 8" SAS |
| STORM SEWER | EX 36" SD | 36" SD |
| FIRE HYDRANT | | |
| VALVE | | |
| METERED WATER SERVICE | | |
| MANHOLE | | |
| CURB AND GUTTER | | |
| HEADER CURB | | |
| DROP INLET | | |
| OVERHEAD ELEC WITH POWER POLE | EX OHE | OHE |
| UNDERGROUND ELEC, GAS, TEL, TV | EX UGT | UGT |
| CURB ELEVATIONS | TOP CONC ELEV / FLOWLINE ELEV | TOP CONC ELEV / FLOWLINE ELEV |
| SPOT ELEV. | x 16.7 | 16.7 |
| SEWER SERVICE | | |
| RIGHT OF WAY | | |
| EASEMENT | | |
| POWER POLE (GUYED) | EX PP | PP |
| CENTERLINE | | |
| TOP OF ASPHALT ELEV. | EX TA 16.2 | TA 16.2 |
| TOP OF CURB ELEV. | EX TC 16.2 | TC 16.2 |
| CONTOUR W/ ELEVATION | 4992 | 92 |
| RETAINING WALL | | |
| BLOCK WALL | | |
| ASPHALT PAVING | | |
| ASPHALT PAVING TO BE REMOVED | | |
| ASPHALT MILLINGS TO BE REMOVED | | |
| STREET LIGHT | | |
| DRAINAGE SWALE | | |
| ACCESSIBLE ROUTE | | |

| WATER & SEWER PLAN KEY | |
|---|---|
| STREET | SHEET NO. |
| FLORENCE AVENUE NE | 11 |
| LEXIE LANE NE | 12 |
| LEXIE LANE NE - WEST | 13 |
| EASEMENT | 13 |
| BARSTOW FIRE HYDRANT | 14 |

WATER AND SEWER NOTES

1. ALL STATIONING IS BASED ON CENTERLINE OF RIGHT-OF-WAY UNLESS NOTED OTHERWISE.
2. ALL EXISTING MANHOLES, VALVES, AND FIRE HYDRANTS SHALL BE ADJUSTED TO FINAL GRADE IN ACCORDANCE WITH FINAL STREET GRADES.
3. ALL WATER SERVICES ARE 3/4".
4. ALL WATER METERS SHALL HAVE HEAVY DUTY COVERS.
5. EMD'S SHALL BE INSTALLED ON ALL WATER AND SEWER FACILITIES IN ACCORDANCE WITH STD SPECIFICATION SECTION 170.
6. MANHOLE STEPS SHALL NOT BE INSTALLED IN SANITARY SEWER MANHOLES.

⑦ 115 LF 8" SAS BUILT BY OTHERS COA #675484

⑧ 350 LF 8" SAS BUILT BY OTHERS COA #758181

⑨ WATER AND SAS SERVICES CONSTRUCTED AS PART OF THIS PROJECT.

N

40 0 20 40

1 inch = 40 ft.

KEYNOTES:

① BLOCK WALL ADDED

② ISLAND SHORTENED FROM 20' TO 8.5'

**DATUM NGVD 1929**

**BRASHER & LORENZ**
CONSULTING ENGINEERS
2201 San Pedro Blvd. NE Bldg. 1, Suite 1200
Albuquerque, New Mexico 87110
Phone: (505) 888-6088 Fax: (505) 888-6188

## WATER SHUT OFF PLAN

1. ALL VALVES HYDRANTS AND APPURTENANCES OF THE CITY WATER SYSTEM SHALL BE OPERATED BY CITY PERSONNEL ONLY.
2. THE CONTRACTOR SHALL PROVIDE THE CITY 7 WORKING DAYS PRIOR NOTICE OF THE NEED FOR SYSTEM SHUTDOWN. CALL 857-8200.
3. NON-PRESSURIZED CONNECTION TO THE 8-INCH LINE IN GLENDALE AVENUE REQUIRES CLOSING VALVE NO. 1 & 2.
4. NON-PRESSURIZED CONNECTION TO THE 8-INCH LINE IN FLORENCE AVENUE REQUIRES CLOSING VALVE NOS. 3, 4 & 5.
5. ADJUSTING OF EXIST FIRE HYDRANT ON BARSTOW REQUIRES CLOSING VALVE NO. 6.
6. ANTICIPATED SHUTDOWN DURATION IS 8 HOURS FOR EACH CONNECTION.

RECORD DRAWING

AS-BUILT INFORMATION
CONTRACTOR SALLS BROTHERS DATE 7-11/06
WORK STAKED BY SURVTEK DATE 11/06
INSPECTORS PRELIMINARY BY BRASHER DATE 11/06
FIELD VERIFICATION BY BRASHER DATE 11/06
DRAWINGS CORRECTED BY BRASHER DATE 11/06
MICRO-FILM INFORMATION DATE

BENCHMARKS
ACS BRASS CAP STAMPED "1-B20"
LOCATED AT THE NE QUADRANT OF THE INTERSECTION OF MODESTO AVE NE AND BARSTOW ST NE, APPROX 30' NORTH FROM THE CENTERLINE OF MODESTO AND 30' EAST FROM THE CENTERLINE OF BARSTOW.
N.M. STATE PLANE COORDINATES - CENTRAL ZONE NAD 27
X = 410,237.56 Y = 1,524,092.46
ELEVATION = 5474.533 FEET NGVD 1929

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL
DENNIS A. LORENZ NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 8466
05-23-06

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | | |

REVISIONS

DESIGN

| | | |
|---|---|---|
| DESIGNED BY | D.A.L. | DATE 02-2006 |
| DRAWN BY | F.G. | DATE 02-2006 |
| CHECKED BY | D.A.L. | DATE 02-2006 |

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BARON'S RUN
WATER AND SEWER LAYOUT

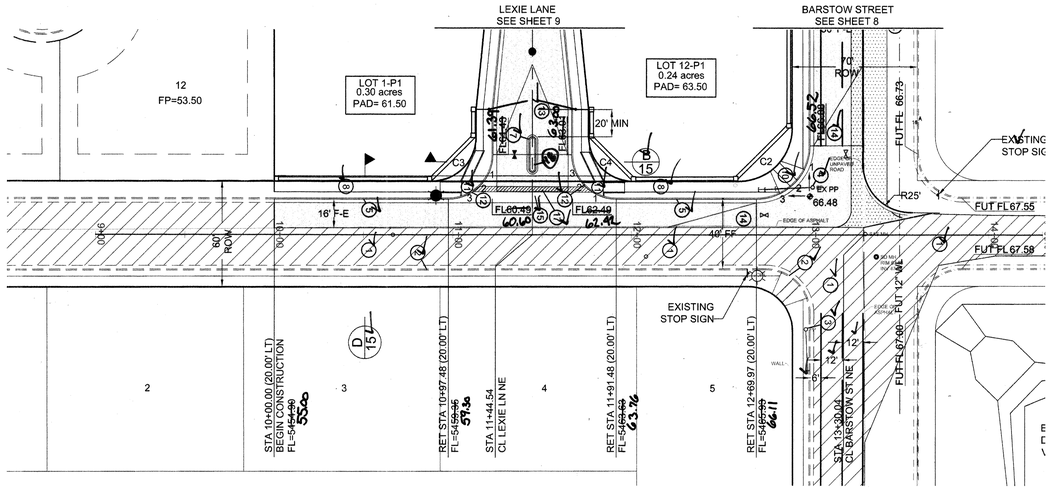
Design Review Committee: APPROVE JUN 2 1 2006 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVE JUL 1 1 2006 CITY ENGINEER

Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 779981 | Zone Map No. B-19 | Sheet 5 of 16

SCANNED BY PLANNING




| C2 | FL |
|---|---|
| 1 | ~~66.19~~ 66.60 |
| 2 | ~~66.30~~ 66.55 |
| 3 | ~~66.12~~ 66.35 |

| C3 | FL |
|---|---|
| 1 | 61.02 |
| 2 | ~~60.73~~ 60.05 |
| 3 | 60.02 |

| C4 | FL |
|---|---|
| 1 | ~~62.85~~ 63.45 |
| 2 | ~~62.68~~ 63.10 |
| 3 | ~~62.51~~ 63.0 |

| CURVE TABLE | | | |
|---|---|---|---|
| CURVE | LENGTH | RADIUS | DELTA |
| C2 | 47.17 | 30.00 | 90°04'45" |
| C3 | 39.30 | 25.00 | 90°04'45" |
| C4 | 39.24 | 25.00 | 89°55'15" |
| C10 | 6.29 | 2.00 | 180°04'45" |
| C11 | 6.28 | 2.00 | 180°00'00" |

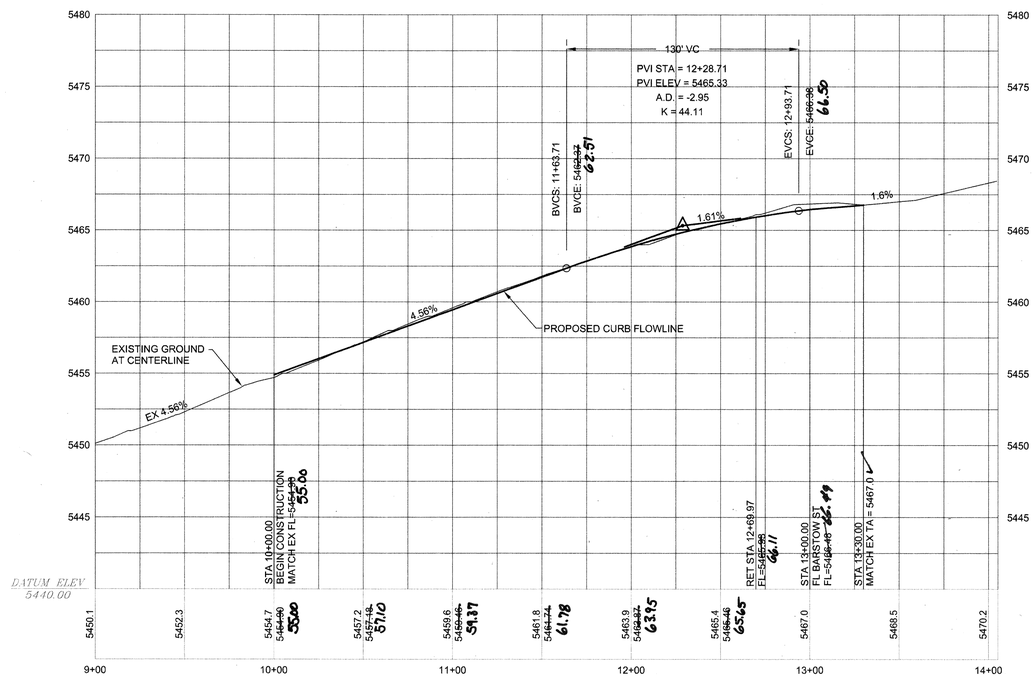
SEE SHEET 4 FOR STRIPING AND SIGNING PLAN

1 inch = 40 ft.

## GLENDALE AVENUE NE

STA 10+00 TO STA 13+30.04

HOR: 1"= 40'
VERT: 1"= 5'




RECORD DRAWING

## LEGEND

| ITEM | EXISTING | PROPOSED |
|---|---|---|
| WATERLINE | EX 6" W | 6" W |
| SANITARY SEWER | EX 8" SAS | 8" SAS |
| STORM SEWER | EX 36" SD | 36" SD |
| FIRE HYDRANT | | |
| VALVE | | |
| METERED WATER SERVICE | | |
| MANHOLE | | |
| CURB AND GUTTER | | |
| HEADER CURB | | |
| DROP INLET | | |
| OVERHEAD ELEC WITH POWER POLE | EX OHE | OHE |
| UNDERGROUND ELEC, GAS,TEL,TV | EX UGT | UGT |
| CURB ELEVATIONS | TOP-CONC ELEV/ FLOWLINE ELEV | TOP-CONC ELEV/ FLOWLINE ELEV |
| SPOT ELEV. | × 16.7 | 16.7 |
| SEWER SERVICE | | |
| RIGHT OF WAY | | |
| EASEMENT | | |
| POWER POLE (GUYED) | EX PP | PP |
| CENTERLINE | | |
| TOP OF ASPHALT ELEV. | EX TA 16.2 | TA 16.2 |
| TOP OF CURB ELEV. | EX TC 16.2 | TC 16.2 |
| CONTOUR W/ ELEVATION | 4992 | 92 |
| RETAINING WALL | | |
| BLOCK WALL | | |
| ASPHALT PAVING | | |
| ASPHALT PAVING TO BE REMOVED | | |
| ASPHALT MILLINGS TO BE REMOVED | | |
| STREET LIGHT | | |
| DRAINAGE SWALE | | |
| ACCESSIBLE ROUTE 3' WIDE @ 2% CROSS-SLOPE | | |

KEYED NOTES

1. EXISTING ASPHALT PAVING TO REMAIN.
2. EXISTING CONCRETE CURB AND GUTTER.
3. EXISTING POWER POLE.
4. EXISTING POWER POLE TO BE RELOCATED BY PNM.
5. NEW STANDARD CURB & GUTTER PER COA STD DWG 2415A.
6. NEW MOUNTABLE ROLL TYPE CURB & GUTTER PER COA STD DWG 2415A.
7. NEW 6" MEDIAN CURB & GUTTER PER COA STD DWG 2415B.
8. NEW 6' SIDEWALK PER COA STD DWG 2430. ~~NOT BUILT~~
9. DEFERRED 4' SIDEWALK. NOT BUILT
10. NEW HANDICAP RAMP, SEE DETAIL H/15.
11. NEW HANDICAP RAMP, SEE DETAIL N/15.
12. TRANSITION FROM MOUNTABLE TO STANDARD CURB & GUTTER THRU RETURN PER COA STD DWG 2418.
13. 50' TRANSITION TO NO CROWN.
14. 50' TRANSISTION ONE-HALF CROWN.
15. NEW 6' CONCRETE VALLEY GUTTER PER COA STD DWG 2420.
16. FUTURE STANDARD CURB & GUTTER. NOT BUILT
17. PROVIDE 3' WIDE ACCESS ROUTE AT 2 % CROSS SLOPE MAX.
18. ISLAND SHORTENED FROM 20' TO 8.5'

STREET PAVING NOTES

1. ALL STATIONING IS BASED ON CENTERLINE OF RIGHT-OF-WAY UNLESS NOTED OTHERWISE.
2. ALL EXISTING MANHOLES, VALVES, AND FIRE HYDRANTS SHALL BE ADJUSTED TO FINAL GRADE IN ACCORDANCE WITH FINAL STREET GRADES.
3. PERIMETER WALL FOOTINGS MUST NOT ENCROACH INTO THE PUBLIC RIGHT-OF-WAY.
4. ALL MEDIAN NOSES SHALL BE PAINTED OPTIC YELLOW.

**DATUM NGVD 1929**


**BRASHER & LORENZ**
CONSULTING ENGINEERS
2201 San Pedro Blvd. NE Bldg. 1, Suite 1200
Albuquerque, New Mexico 87110
Phone: (505) 888-8088 Fax: (505) 888-6188


*AS-BUILT INFORMATION*

CONTRACTOR: SALLS BROTHERS
WORK STAKED BY: SURVTEK — DATE 7-11-06
INSPECTOR'S ACCEPTANCE BY: BRASHER — DATE 11/06
FIELD VERIFICATION BY: BRASHER — DATE 11/06
DRAWINGS CORRECTED BY: BRASHER — DATE 11/06

*MICRO-FILM INFORMATION*
DATE

*BENCHMARKS*

ACS BRASS CAP STAMPED "1-B20"
LOCATED AT THE NE QUADRANT OF THE INTERSECTION OF MODESTO AVE NE AND BARSTOW ST NE, APPROX 30' NORTH FROM THE CENTERLINE OF MODESTO AND 30' EAST FROM THE CENTERLINE OF BARSTOW.

N.M. STATE PLANE COORDINATES - CENTRAL ZONE NAD 27
X = 410,237.56 Y = 1,524,092.46
ELEVATION = 5474.533 FEET NGVD 1929

*SURVEY INFORMATION*

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

*ENGINEER'S SEAL*

DENNIS A. LORENZ NEW MEXICO 9648 REGISTERED PROFESSIONAL ENGINEER
6-16-06

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | | |

*REVISIONS*

| DESIGN | | |
|---|---|---|
| DESIGNED BY | D.A.L | DATE 02-2006 |
| DRAWN BY | F.G | DATE 02-2006 |
| CHECKED BY | D.A.L | DATE 02-2006 |

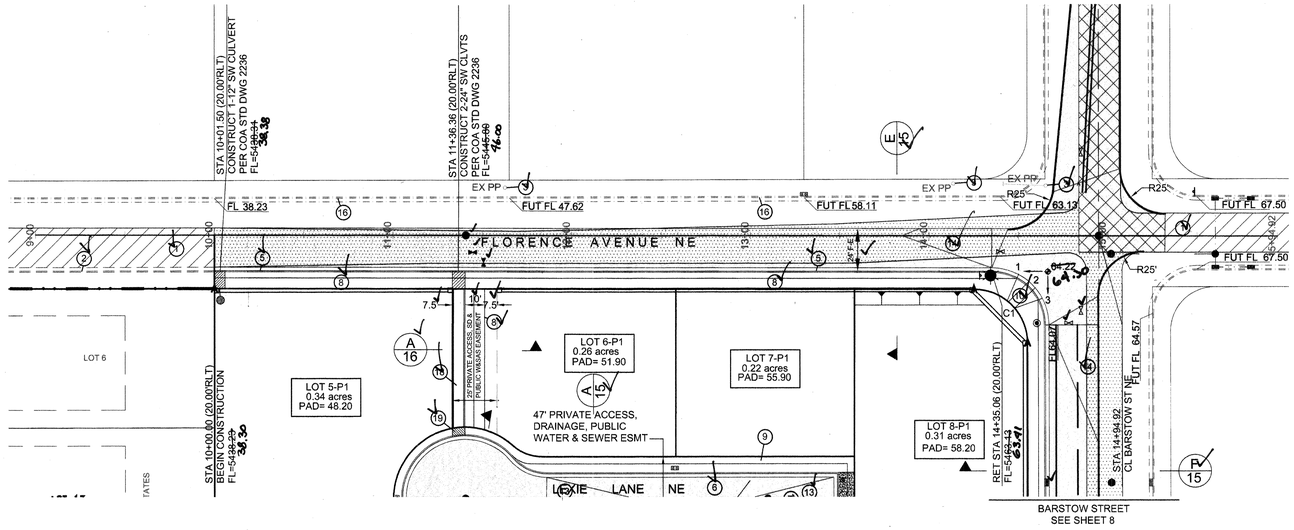
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BARON'S RUN
GLENDALE STREET PLAN AND PROFILE

Design Review Committee: APPROVE JUN 21 2006 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVE JUL 11 2006 CITY ENGINEER
Last Design Update — Mo./Day/Yr. — Mo./Day/Yr.

| City Project No. | Zone Map No. | Sheet | of |
|---|---|---|---|
| 779981 | B-19 | 6 | 16 |

SCANNED BY PLANNING




| C1 | FL |
|---|---|
| 1 | ~~63.71~~ 63.85 |
| 2 | ~~64.36~~ 64.25 |
| 3 | ~~64.18~~ 64.85 |

| CURVE TABLE | | | |
|---|---|---|---|
| CURVE | LENGTH | RADIUS | DELTA |
| C1 | 47.04 | 30.00 | 89°50'30" |

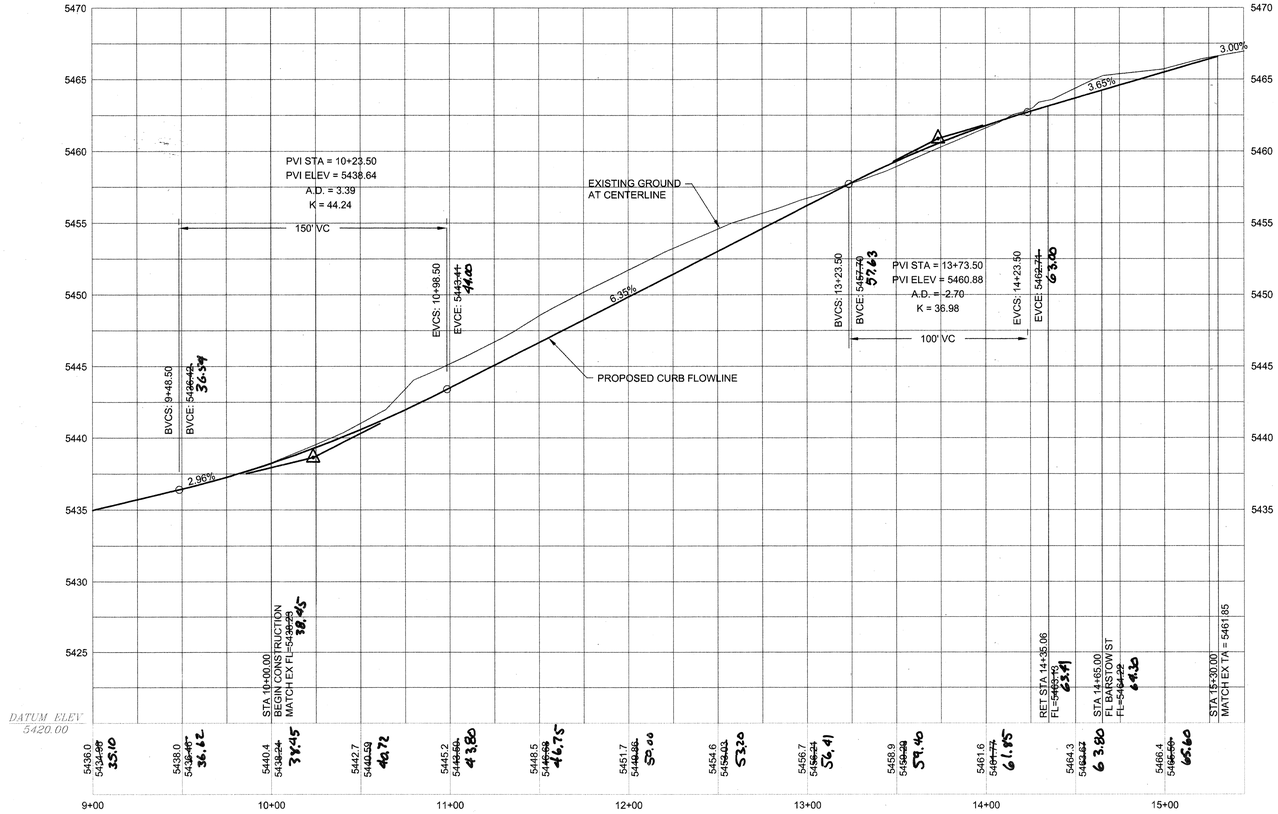
SEE SHEET 4 FOR STRIPING AND SIGNING PLAN

1 inch = 40 ft.

HOR: 1"= 40'
VERT: 1"= 5'

## FLORENCE AVENUE NE

STA 10+00 TO STA 14+94.92




RECORD DRAWING

## LEGEND

| ITEM | EXISTING | PROPOSED |
|---|---|---|
| WATERLINE | EX 6" W | 6" W |
| SANITARY SEWER | EX 8" SAS | 8" SAS |
| STORM SEWER | EX 36" SD | 36" SD |
| FIRE HYDRANT | | |
| VALVE | | |
| METERED WATER SERVICE | | |
| MANHOLE | | |
| CURB AND GUTTER | | |
| HEADER CURB | | |
| DROP INLET | | |
| OVERHEAD ELEC WITH POWER POLE | EX OHE | OHE |
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| CURB ELEVATIONS | TOP CONC. ELEV. / FLOWLINE ELEV. | TOP CONC. ELEV. / FLOWLINE ELEV. |
| SPOT ELEV. | × 16.7 | 16.7 |
| SEWER SERVICE | | |
| RIGHT OF WAY | | |
| EASEMENT | | |
| POWER POLE (GUYED) | EX PP | PP |
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| TOP OF ASPHALT ELEV. | EX TA 16.2 | TA 16.2 |
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| RETAINING WALL | | |
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| ASPHALT PAVING TO BE REMOVED | | |
| ASPHALT MILLINGS TO BE REMOVED | | |
| STREET LIGHT | | |
| DRAINAGE SWALE | | |
| ACCESSIBLE ROUTE 3' WIDE @ 2% CROSS-SLOPE | | |

KEYED NOTES

1. EXISTING ASPHALT PAVING TO REMAIN.
2. EXISTING CONCRETE CURB AND GUTTER.
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8. NEW 6' SIDEWALK PER COA STD DWG 2430. NOT BUILT
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11. NEW HANDICAP RAMP, SEE DETAIL N/15.
12. TRANSITION FROM MOUNTABLE TO STANDARD CURB & GUTTER THRU RETURN PER COA STD DWG 2418.
13. 50' TRANSITION TO NO CROWN.
14. 50' TRANSISTION ONE-HALF CROWN.
15. NEW 6' CONCRETE VALLEY GUTTER PER COA STD DWG 2420.
16. FUTURE STANDARD CURB & GUTTER NOT BUILT
17. PROVIDE 3' WIDE ACCESS ROUTE AT 2 % CROSS SLOPE MAX.
18. NEW PRIVATE CHANNEL. SEE SHEET 13 FOR PROFILE.

STREET PAVING NOTES

1. ALL STATIONING IS BASED ON CENTERLINE OF RIGHT-OF-WAY UNLESS NOTED OTHERWISE.
2. ALL EXISTING MANHOLES, VALVES, AND FIRE HYDRANTS SHALL BE ADJUSTED TO FINAL GRADE IN ACCORDANCE WITH FINAL STREET GRADES.
3. PERIMETER WALL FOOTINGS MUST NOT ENCROACH INTO THE PUBLIC RIGHT-OF-WAY.
4. ALL MEDIAN NOSES SHALL BE PAINTED OPTIC YELLOW.

**DATUM NGVD 1929**


**BRASHER & LORENZ**
CONSULTING ENGINEERS
2201 San Pedro Blvd. NE Bldg. 1, Suite 1200
Albuquerque, New Mexico 87110
Phone: (505) 888-6088 Fax: (505) 888-6188


AS-BUILT INFORMATION
CONTRACTOR SALLS BROTHERS
WORK STAKED BY SUNJYTEK DATE 7-11-06
ACCEPTANCE BY BRASHER DATE 11/06
FIELD VERIFICATION BY BRASHER DATE 11/06
DRAWINGS CORRECTED BY BRASHER DATE 11/06
MICRO-FILM INFORMATION DATE

BENCHMARKS
ACS BRASS CAP STAMPED "1-B20"
LOCATED AT THE NE QUADRANT OF THE INTERSECTION OF MODESTO AVE NE AND BARSTOW ST NE, APPROX 30' NORTH FROM THE CENTERLINE OF MODESTO AND 30' EAST FROM THE CENTERLINE OF BARSTOW.
N.M. STATE PLANE COORDINATES - CENTRAL ZONE NAD 27
X = 410,237.56 Y = 1,524,092.46
ELEVATION = 5474.533 FEET NGVD 1929

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL
DENNIS A. LORENZ NEW MEXICO 10463 REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | | |

REVISIONS

DESIGN
DESIGNED BY D.A.L DATE 02-2006
DRAWN BY F.G DATE 02-2006
CHECKED BY D.A.L DATE 02-2006

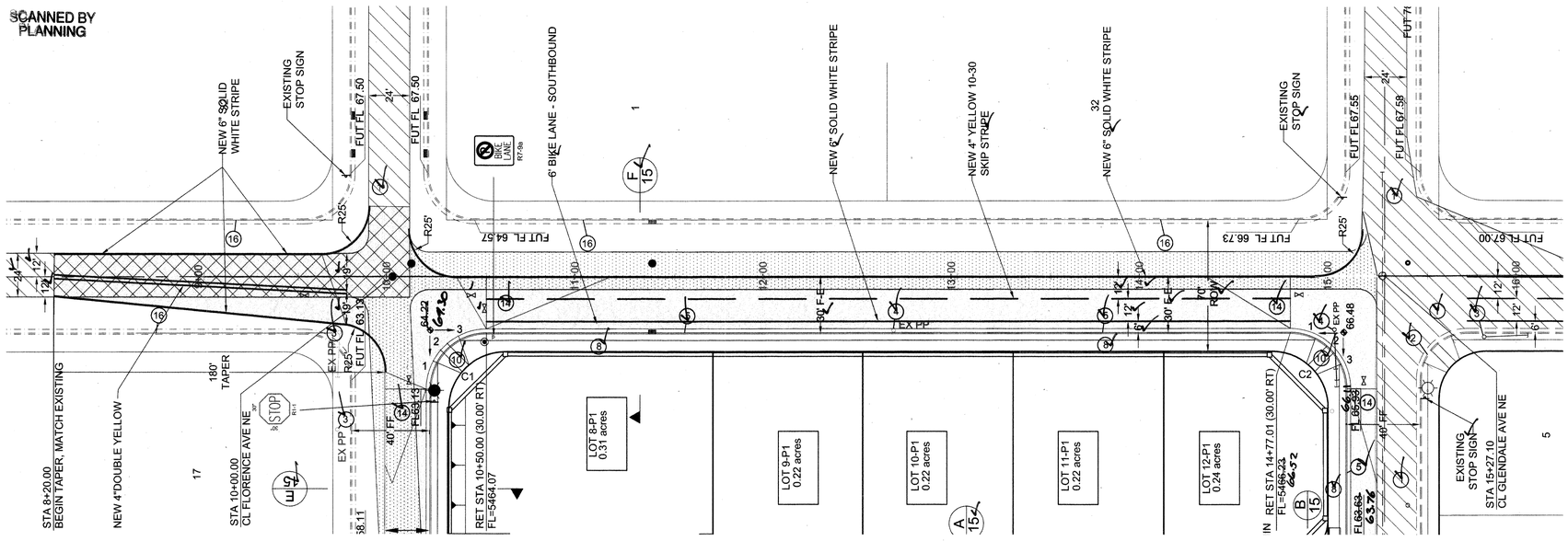
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BARON'S RUN
FLORENCE STREET PLAN AND PROFILE

Design Review Committee: APPROVED JUN 21 2006 DESIGN REVIEW COMM.
City Engineer Approval: APPROVED JUL 11 2006 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 779981 | Zone Map No. B-19 | Sheet 7 of 16

SCANNED BY PLANNING




| C1 | FL |
|---|---|
| 1 | ~~63.77~~ 63.85 |
| 2 | ~~64.30~~ 64.25 |
| 3 | ~~64.18~~ 64.45 |

| C2 | FL |
|---|---|
| 1 | ~~66.19~~ 66.60 |
| 2 | ~~66.30~~ 66.55 |
| 3 | ~~66.12~~ 66.35 |

SEE SHEET 4 FOR STRIPING AND SIGNING PLAN

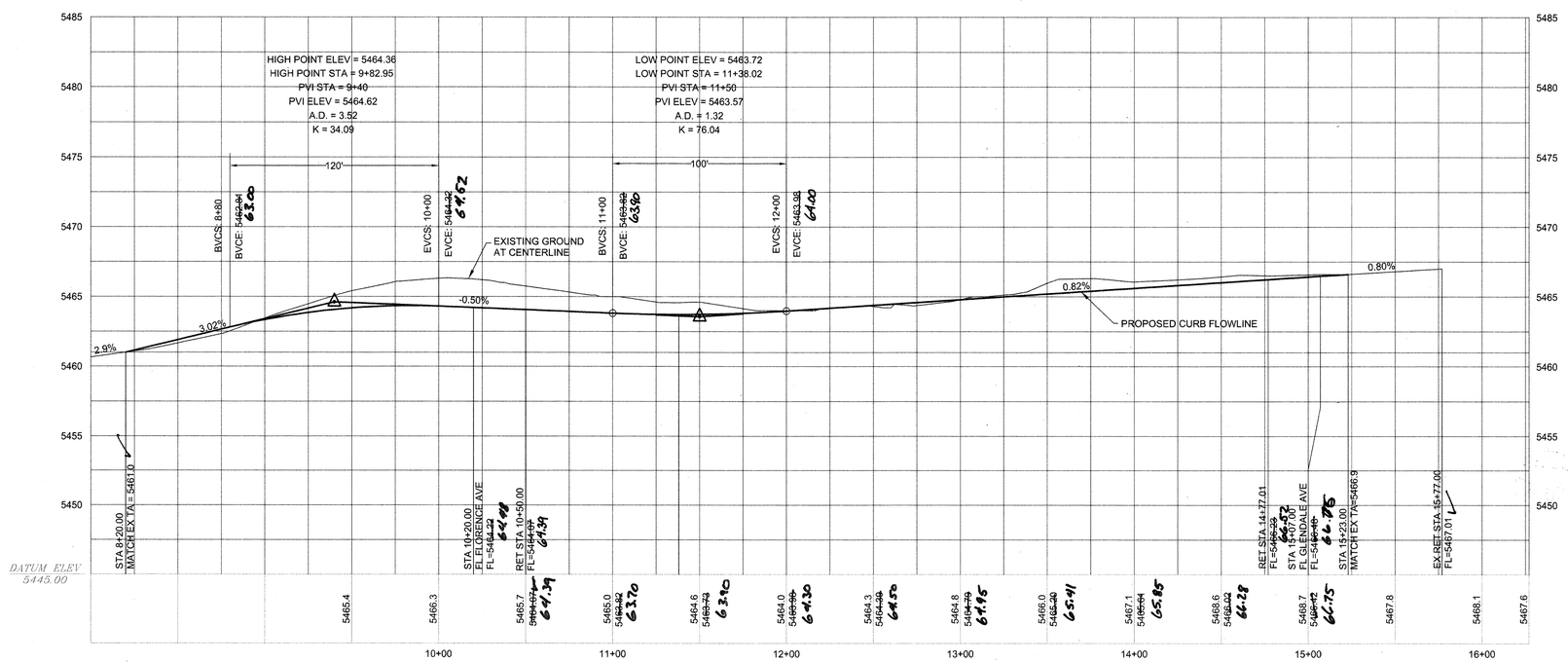
| CURVE TABLE | | | |
|---|---|---|---|
| CURVE | LENGTH | RADIUS | DELTA |
| C1 | 47.04 | 30.00 | 89°50'30" |
| C2 | 47.17 | 30.00 | 90°04'45" |

1 inch = 40 ft.

## BARSTOW STREET NE

STA 8+20 TO STA 15+27.10

HOR: 1"= 40'
VERT: 1"= 5'




RECORD DRAWING

## LEGEND

| ITEM | EXISTING | PROPOSED |
|---|---|---|
| WATERLINE | EX 6" W | 6" W |
| SANITARY SEWER | EX 8" SAS | 8" SAS |
| STORM SEWER | EX 36" SD | 36" SD |
| FIRE HYDRANT | | |
| VALVE | | |
| METERED WATER SERVICE | | |
| MANHOLE | | |
| CURB AND GUTTER | | |
| HEADER CURB | | |
| DROP INLET | | |
| OVERHEAD ELEC WITH POWER POLE | EX OHE | OHE |
| UNDERGROUND ELEC, GAS,TEL,TV | EX UGT | UGT |
| CURB ELEVATIONS | TOP CONC ELEV/ FLOWLINE ELEV | TOP CONC ELEV/ FLOWLINE ELEV |
| SPOT ELEV. | × 16.7 | 16.7 |
| SEWER SERVICE | | |
| RIGHT OF WAY | | |
| EASEMENT | | |
| POWER POLE (GUYED) | EX PP | PP |
| CENTERLINE | | |
| TOP OF ASPHALT ELEV. | EX TA 16.2 | TA 16.2 |
| TOP OF CURB ELEV. | EX TC 16.2 | TC 16.2 |
| CONTOUR W/ ELEVATION | 4992 | 92 |
| RETAINING WALL | | |
| BLOCK WALL | | |
| ASPHALT PAVING | | |
| ASPHALT PAVING TO BE REMOVED | | |
| ASPHALT MILLINGS TO BE REMOVED | | |
| STREET LIGHT | | |
| DRAINAGE SWALE | | |
| ACCESSIBLE ROUTE 3' WIDE @ 2% CROSS-SLOPE | | |

KEYED NOTES

1. EXISTING ASPHALT PAVING TO REMAIN.
2. EXISTING CONCRETE CURB AND GUTTER.
3. EXISTING POWER POLE.
4. EXISTING POWER POLE TO BE RELOCATED BY PNM.
5. NEW STANDARD CURB & GUTTER PER COA STD DWG 2415A.
6. NEW MOUNTABLE ROLL TYPE CURB & GUTTER PER COA STD DWG 2415A.
7. NEW 6" MEDIAN CURB & GUTTER PER COA STD DWG 2415B.
8. NEW 6' SIDEWALK PER COA STD DWG 2430. ~~NOT INSTALLED~~
9. DEFERRED 4' SIDEWALK. NOT BUILT
10. NEW HANDICAP RAMP, SEE DETAIL H/15.
11. NEW HANDICAP RAMP, SEE DETAIL N/15.
12. TRANSITION FROM MOUNTABLE TO STANDARD CURB & GUTTER THRU RETURN PER COA STD DWG 2418.
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14. 50' TRANSISTION ONE-HALF CROWN.
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STREET PAVING NOTES

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**DATUM NGVD 1929**


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Albuquerque, New Mexico 87110
Phone: (505) 888-6088 Fax: (505) 888-6188


AS-BUILT INFORMATION
CONTRACTOR SALS BROTHERS DATE 7-11/06
WORK STAKED BY SURVTEC DATE 11/06
INSPECTOR ACCEPTANCE BY BRASHER DATE 11/06
FIELD VERIFICATION BY BRASHER DATE 11/06
DRAWINGS CORRECTED BY BRASHER DATE 11/06
MICRO-FILM INFORMATION DATE

BENCHMARKS
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LOCATED AT THE NE QUADRANT OF THE INTERSECTION OF MODESTO AVE NE AND BARSTOW ST NE, APPROX 30' NORTH FROM THE CENTERLINE OF MODESTO AND 30' EAST FROM THE CENTERLINE OF BARSTOW.
N.M. STATE PLANE COORDINATES - CENTRAL ZONE NAD 27
X = 410,237.56 Y = 1,524,692.46
ELEVATION = 5474.533 FEET NGVD 1929

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL
GERALD S. LORENZ NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 10444

| NO. | DATE | REMARKS REVISIONS DESIGN | BY |
|---|---|---|---|
| | | DESIGNED BY D.A.L. | DATE 02-2006 |
| | | DRAWN BY F.G. | DATE 02-2006 |
| | | CHECKED BY D.A.L. | DATE 02-2006 |

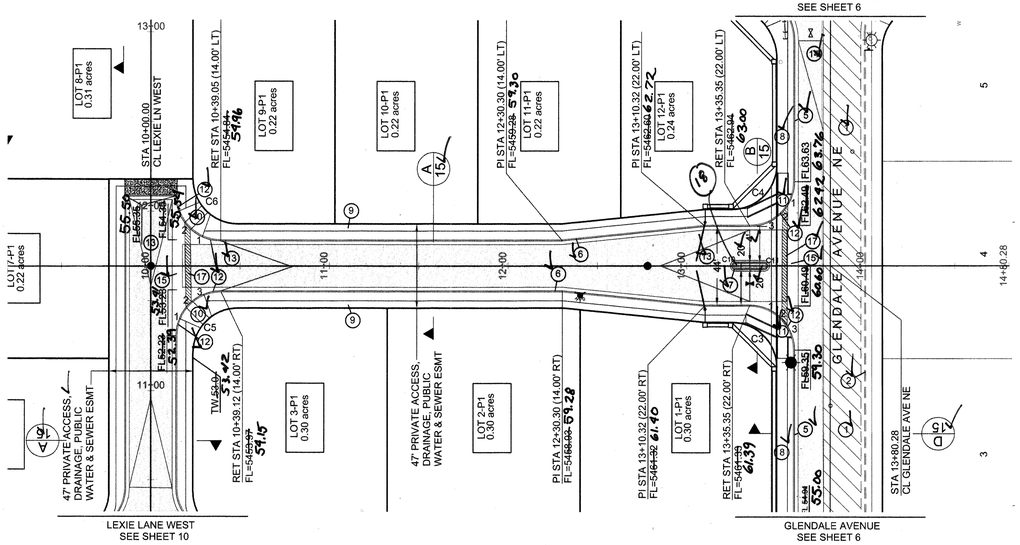
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BARON'S RUN
BARSTOW STREET PLAN AND PROFILE

Design Review Committee: APPROVED JUN 21 2006 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED JUL 11 2006 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 779981 | Zone Map No. B-19 | Sheet 8 of 16

SCANNED BY PLANNING




## LEXIE LANE NE

STA 10+00 TO STA 14+80

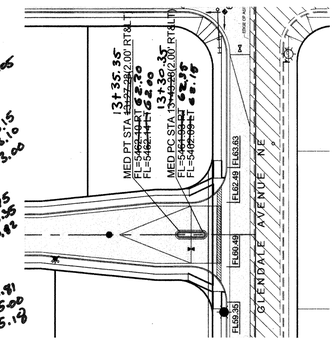
| CURVE TABLE | | | |
|---|---|---|---|
| CURVE | LENGTH | RADIUS | DELTA |
| C3 | 39.30 | 25.00 | 90°04'45" |
| C4 | 39.24 | 25.00 | 89°55'15" |
| C5 | 39.24 | 25.00 | 89°55'15" |
| C6 | 39.30 | 25.00 | 90°04'45" |
| C10 | 6.29 | 2.00 | 180°04'45" |
| C11 | 6.28 | 2.00 | 180°00'00" |

| C3 | FL |
|---|---|
| 1 | 61.02 |
| 2 | ~~60.76~~ |
| 3 | 60.02 |

| C4 | FL |
|---|---|
| 1 | ~~62.85~~ |
| 2 | ~~62.03~~ |
| 3 | ~~62.81~~ |

| C5 | FL |
|---|---|
| 1 | ~~52.98~~ |
| 2 | ~~52.60~~ |
| 3 | ~~53.73~~ |

| C6 | FL |
|---|---|
| 1 | ~~54.72~~ |
| 2 | ~~54.60~~ |
| 3 | ~~54.98~~ |

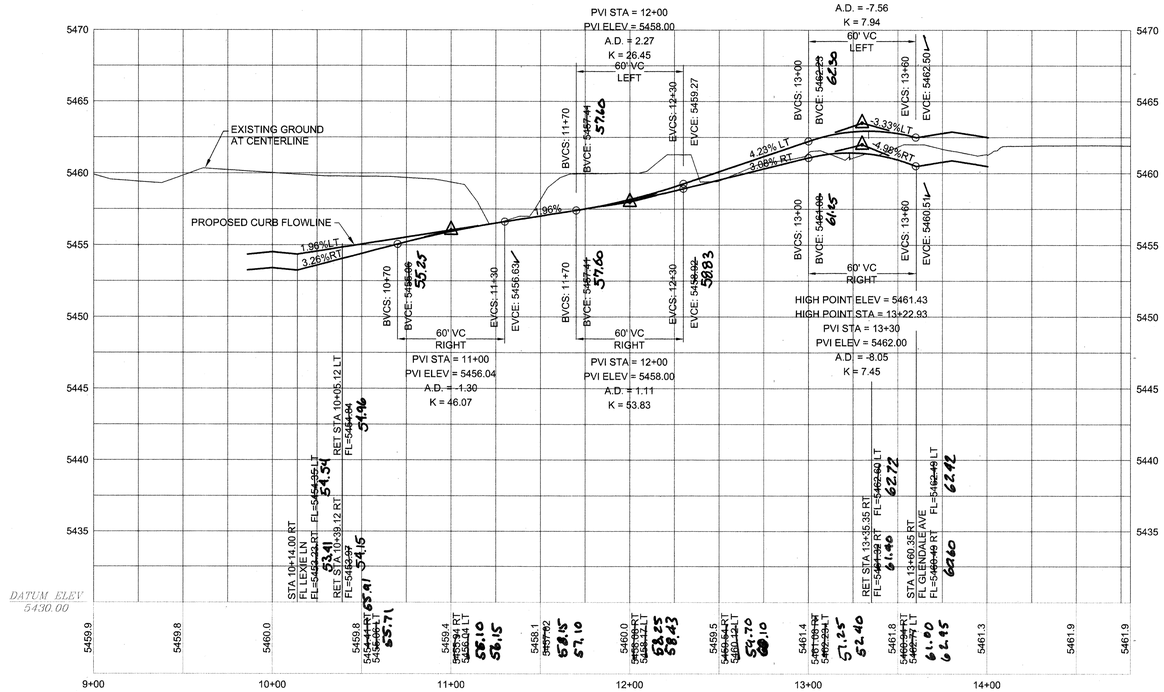



## MEDIAN STATIONING PLAN

1"= 50'

1 inch = 40 ft.

HOR: 1"= 40'
VERT: 1"= 5'




RECORD DRAWING

## LEGEND

| ITEM | EXISTING | PROPOSED |
|---|---|---|
| WATERLINE | EX 6" W | 6" W |
| SANITARY SEWER | EX 8" SAS | 8" SAS |
| STORM SEWER | EX 36" SD | 36" SD |
| FIRE HYDRANT | | |
| VALVE | | |
| METERED WATER SERVICE | | |
| MANHOLE | | |
| CURB AND GUTTER | | |
| HEADER CURB | | |
| DROP INLET | | |
| OVERHEAD ELEC WITH POWER POLE | EX OHE | OHE |
| UNDERGROUND ELEC, GAS,TEL,TV | EX UGT | UGT |
| CURB ELEVATIONS | TOP CONC. ELEV. / FLOWLINE ELEV. | TOP CONC. ELEV. / FLOWLINE ELEV. |
| SPOT ELEV. | x 16.7 | 16.7 |
| SEWER SERVICE | | |
| RIGHT OF WAY | | |
| EASEMENT | | |
| POWER POLE (GUYED) | EX PP | PP |
| CENTERLINE | | |
| TOP OF ASPHALT ELEV. | EX TA 16.2 | TA 16.2 |
| TOP OF CURB ELEV. | EX TC 16.2 | TC 16.2 |
| CONTOUR W/ ELEVATION | 4992 | 92 |
| RETAINING WALL | | |
| BLOCK WALL | | |
| ASPHALT PAVING | | |
| ASPHALT PAVING TO BE REMOVED | | |
| ASPHALT MILLINGS TO BE REMOVED | | |
| STREET LIGHT | | |
| DRAINAGE SWALE | | |
| ACCESSIBLE ROUTE 3' WIDE @ 2% CROSS-SLOPE | | |

KEYED NOTES

1. EXISTING ASPHALT PAVING TO REMAIN.
2. EXISTING CONCRETE CURB AND GUTTER.
3. EXISTING POWER POLE.
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14. 50' TRANSISTION ONE-HALF CROWN.
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16. FUTURE STANDARD CURB & GUTTER. NOT BUILT
17. PROVIDE 3' WIDE ACCESS ROUTE AT 2 % CROSS SLOPE MAX.
18. ISLANDS SHORTENED FROM 20' TO 8.5'

STREET PAVING NOTES

1. ALL STATIONING IS BASED ON CENTERLINE OF RIGHT-OF-WAY UNLESS NOTED OTHERWISE.
2. ALL EXISTING MANHOLES, VALVES, AND FIRE HYDRANTS SHALL BE ADJUSTED TO FINAL GRADE IN ACCORDANCE WITH FINAL STREET GRADES.
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**DATUM NGVD 1929**

**BRASHER & LORENZ**
CONSULTING ENGINEERS
2201 San Pedro Blvd. NE Bldg. 1, Suite 1200
Albuquerque, New Mexico 87110
Phone: (505) 888-6088 Fax: (505) 888-6188

AS-BUILT INFORMATION
CONTRACTOR SALLS BROTHERS DATE
WORK STAKED BY SURVTEK DATE 3-11/06
INSPECTORS ACCEPTANCE BY BRASHER DATE 11/06
FIELD VERIFICATION BY BRASHER DATE 11/06
DRAWINGS CORRECTED BY BRASHER DATE 11/06
MICRO-FILM INFORMATION DATE

BENCHMARKS
ACS BRASS CAP STAMPED "1-B20"
LOCATED AT THE NE QUADRANT OF THE INTERSECTION OF MODESTO AVE NE AND BARSTOW ST NE, APPROX 30' NORTH FROM THE CENTERLINE OF MODESTO AND 30' EAST FROM THE CENTERLINE OF BARSTOW.
N.M. STATE PLANE COORDINATES - CENTRAL ZONE NAD 27
X = 410,237.56 Y = 1,524,092.46
ELEVATION = 5474.533 FEET NGVD 1929

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL
NEW MEXICO REGISTERED PROFESSIONAL ENGINEER DENNIS A. LORENZ 6844
06/14/06

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | | |

REVISIONS

DESIGN

| | | |
|---|---|---|
| DESIGNED BY | D.A.L. | DATE 02-2006 |
| DRAWN BY | F.G. | DATE 02-2006 |
| CHECKED BY | D.A.L. | DATE 02-2006 |

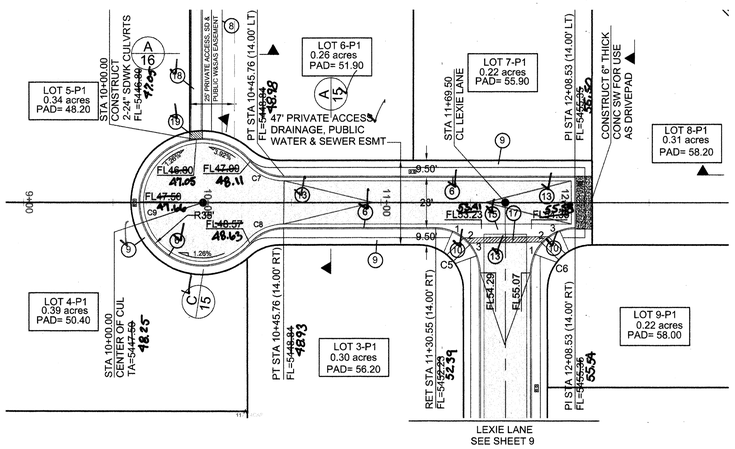
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BARON'S RUN
LEXIE LANE NE STREET PLAN AND PROFILE

Design Review Committee: APPROVED JUN 21 2006 DESIGN REVIEW COMM.
City Engineer Approval: APPROVED JUL 11 2006 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

| City Project No. | Zone Map No. | Sheet | of |
|---|---|---|---|
| 779981 | B-19 | 9 | 16 |

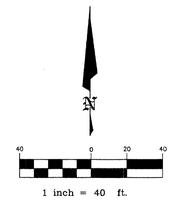
SCANNED BY PLANNING




| C5 | FL |
|---|---|
| 1 | ~~52.86~~ 52.75 |
| 2 | ~~53.60~~ 53.35 |
| 3 | ~~53.78~~ 53.82 |

| C6 | FL |
|---|---|
| 1 | ~~54.72~~ 54.81 |
| 2 | ~~54.60~~ 55.00 |
| 3 | ~~54.98~~ 55.18 |

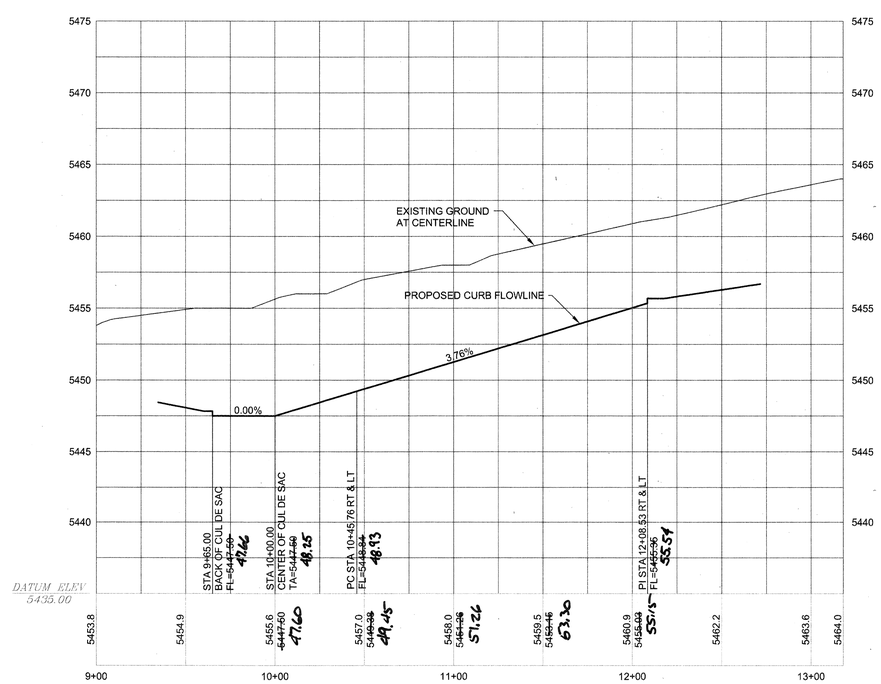
| CURVE TABLE | | | |
|---|---|---|---|
| CURVE | LENGTH | RADIUS | DELTA |
| C5 | 39.24 | 25.00 | 89°55'15" |
| C6 | 39.30 | 25.00 | 90°04'45" |
| C7 | 21.69 | 25.00 | 49°41'57" |
| C8 | 21.47 | 25.00 | 49°13'00" |
| C9 | 170.38 | 35.00 | 278°54'57" |




## LEXIE LANE NE - WEST

STA 10+00 TO STA 12+08.53

HOR: 1"= 40'
VERT: 1"= 5'




RECORD DRAWING

## LEGEND

| ITEM | EXISTING | PROPOSED |
|---|---|---|
| WATERLINE | EX 6" W | 6" W |
| SANITARY SEWER | EX 8" SAS | 8" SAS |
| STORM SEWER | EX 36" SD | 36" SD |
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| VALVE | | |
| METERED WATER SERVICE | | |
| MANHOLE | | |
| CURB AND GUTTER | | |
| HEADER CURB | | |
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| CURB ELEVATIONS | TOP CONC ELEV FLOWLINE ELEV | TOP CONC ELEV FLOWLINE ELEV |
| SPOT ELEV. | × 16.7 | 16.7 |
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| RIGHT OF WAY | | |
| EASEMENT | | |
| POWER POLE (GUYED) | EX PP | PP |
| CENTERLINE | | |
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KEYED NOTES

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16. FUTURE STANDARD CURB & GUTTER. NOT BUILT
17. PROVIDE 3' WIDE ACCESS ROUTE AT 2% CROSS SLOPE MAX.
18. NEW PRIVATE CHANNEL. SEE SHEET 13 FOR PROFILE.
19. CONSTRUCT 2-24" SDWK CULVRTS PER COA STD DWG 2236

STREET PAVING NOTES

1. ALL STATIONING IS BASED ON CENTERLINE OF RIGHT-OF-WAY UNLESS NOTED OTHERWISE.
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**DATUM NGVD 1929**


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Albuquerque, New Mexico 87110
Phone: (505) 888-8088 Fax: (505) 888-6188


### AS-BUILT INFORMATION

CONTRACTOR STAKED BY: JAMES BROTHERS DATE 7-11/06
INSPECTORS ACCEPTANCE BY: BRASHER DATE 11/06
FIELD VERIFICATION BY: BRASHER DATE 11/06
DRAWINGS CORRECTED BY: BRASHER DATE 11/06

MICRO-FILM INFORMATION DATE

### BENCHMARKS

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LOCATED AT THE NE QUADRANT OF THE INTERSECTION OF MODESTO AVE NE AND BARSTOW ST NE, APPROX 30' NORTH FROM THE CENTERLINE OF MODESTO AND 30' EAST FROM THE CENTERLINE OF BARSTOW.

N.M. STATE PLANE COORDINATES - CENTRAL ZONE NAD 27
X = 410,237.56 Y = 1,524,092.46

ELEVATION = 5474.533 FEET NGVD 1929

### SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

### ENGINEER'S SEAL

NEW MEXICO REGISTERED PROFESSIONAL ENGINEER DAVID A. LORENZ 6-12-06

### REVISIONS

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | | |

DESIGN

| | | |
|---|---|---|
| DESIGNED BY | D.A.L. | DATE 02-2006 |
| DRAWN BY | F.G. | DATE 02-2006 |
| CHECKED BY | D.A.L. | DATE 02-2006 |

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BARON'S RUN
LEXIE LANE NE - WEST STREET PLAN AND PROFILE

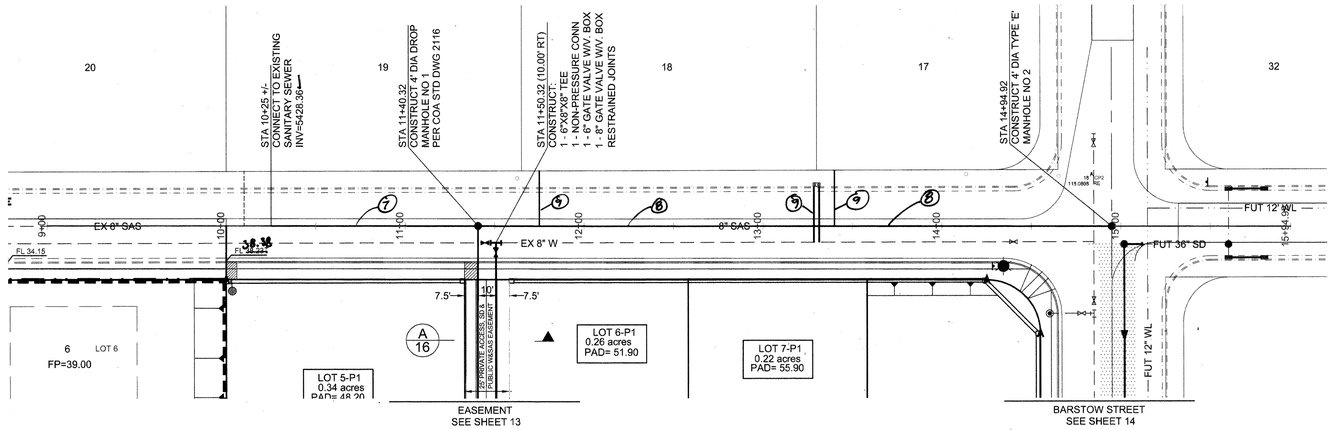
Design Review Committee: APPROVED JUN 21 2006 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVED JUL 11 2006 CITY ENGINEER

Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 779981 | Zone Map No. B-19 | Sheet 10 of 16

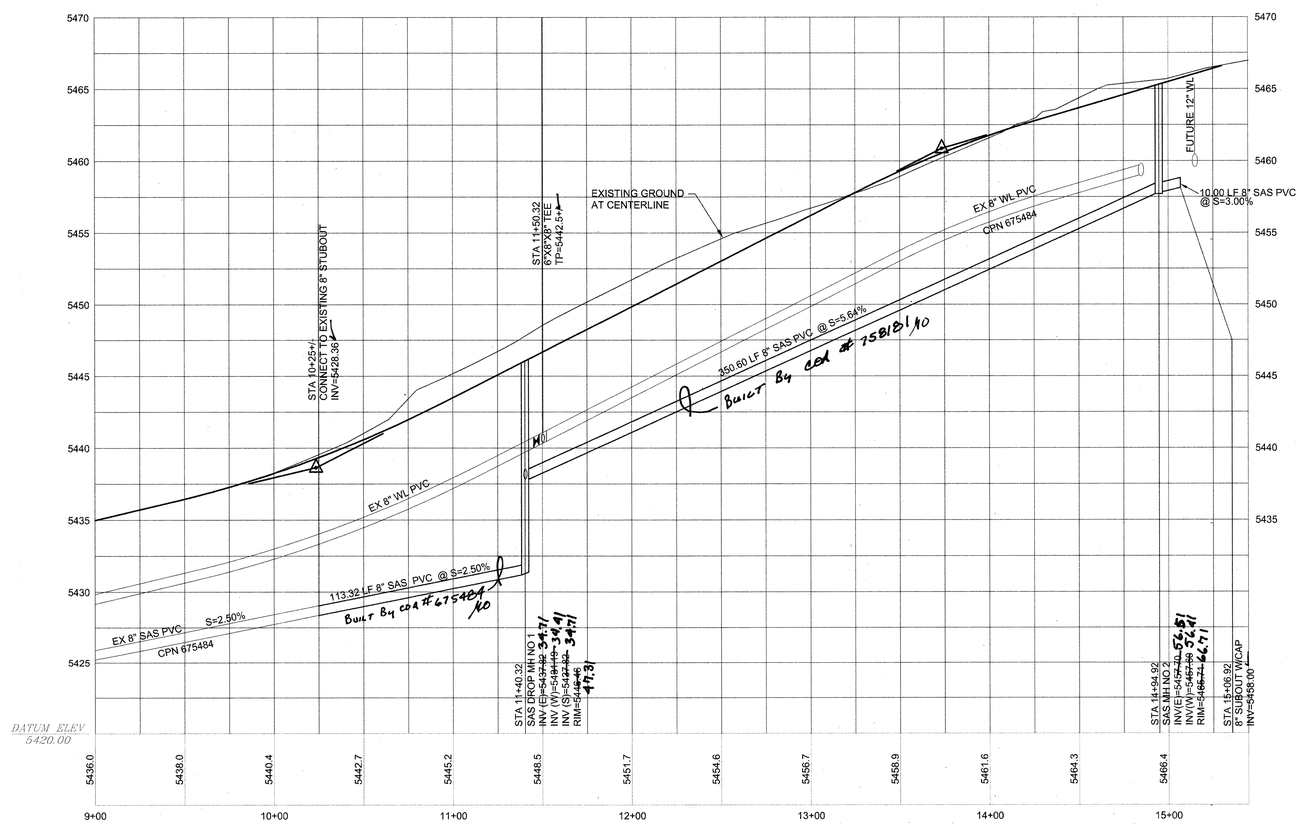
SCANNED BY PLANNING




# FLORENCE AVENUE NE

STA 10+00 TO STA 14+94.92

HOR: 1"= 40'
VERT: 1"= 5'




RECORD DRAWING

RECORD DRAWING

## LEGEND

| ITEM | EXISTING | PROPOSED |
|---|---|---|
| WATERLINE | EX 6" W | 6" W |
| SANITARY SEWER | EX 8" SAS | 8" SAS |
| STORM SEWER | EX 36" SD | 36" SD |
| FIRE HYDRANT | | |
| VALVE | | |
| METERED WATER SERVICE | | |
| MANHOLE | | |
| CURB AND GUTTER | | |
| HEADER CURB | | |
| DROP INLET | | |
| OVERHEAD ELEC WITH POWER POLE | EX OHE | OHE |
| UNDERGROUND ELEC, GAS,TEL,TV | EX UGT | UGT |
| CURB ELEVATIONS | TOP CONC ELEV/ FLOWLINE ELEV | TOP CONC ELEV/ FLOWLINE ELEV |
| SPOT ELEV. | × 16.7 | 16.7 |
| SEWER SERVICE | | |
| RIGHT OF WAY | | |
| EASEMENT | | |
| POWER POLE (GUYED) | EX PP | PP |
| CENTERLINE | | |
| TOP OF ASPHALT ELEV. | EX TA 16.2 | TA 16.2 |
| TOP OF CURB ELEV. | EX TC 16.2 | TC 16.2 |
| CONTOUR W/ ELEVATION | 4992 | 92 |
| RETAINING WALL | | |
| BLOCK WALL | | |
| ASPHALT PAVING | | |
| ASPHALT PAVING TO BE REMOVED | | |
| ASPHALT MILLINGS TO BE REMOVED | | |
| STREET LIGHT | | |
| DRAINAGE SWALE | | |
| ACCESSIBLE ROUTE | | |

SANITARY SEWER SERVICE DATA

| LOT NO. | STATION | OFFSET | INVERT |
|---|---|---|---|
| 17 | 13+40.00 | 30.00' | 51.00 |
| 18 | 11+75.00 | 30.00' | 41.70 |

RESTRAINED JOINT LENGTH TABLE

1. TEE-BRANCH - EACH PIPE RUN SHALL BE MINIMUM 10' WITHOUT JOINTS.
2. DISTANCES SHOWN ARE IN EACH DIRECTION FOR VALVES AND BENDS.
3. ALL DEAD END CAPS SHALL BE BLOCKED.

| SIZE | 90° | 45° | 22-1/2° | 11-1/4° | TEE | VALVE |
|---|---|---|---|---|---|---|
| 4" | 21' | 9' | 5' | 3' | 21' | 52' |
| 6" | 26' | 11' | 6' | 3' | 37' | 74' |
| 8" | 31' | 13' | 7' | 4' | 54' | 94' |
| 10" | 34' | 15' | 7' | 4' | 69' | 107' |
| 12" | 54' | 23' | 11' | 6' | 85' | 120' |

WATER AND SEWER NOTES

1. ALL STATIONING IS BASED ON CENTERLINE OF RIGHT-OF-WAY UNLESS NOTED OTHERWISE.
2. ALL EXISTING MANHOLES, VALVES, AND FIRE HYDRANTS SHALL BE ADJUSTED TO FINAL GRADE IN ACCORDANCE WITH FINAL STREET GRADES.
3. ALL WATER SERVICES ARE 3/4".
4. ALL WATER METERS SHALL HAVE HEAVY DUTY COVERS.
5. EMD'S SHALL BE INSTALLED ON ALL WATER AND SEWER FACILITIES IN ACCORDANCE WITH STD SPECIFICATION SECTION 170.
6. MANHOLE STEPS SHALL NOT BE INSTALLED IN SANITARY SEWER MANHOLES.

(7) 115 LF 8" SAS BUILT BY OTHERS COA #675484
(8) 350 LF 8" SAS BUILT BY OTHERS COA #758181
(9) WATER AND SAS SERVICES CONSTRUCTED AS PART OF THIS PROJECT.

**DATUM NGVD 1929**


**BRASHER & LORENZ**
CONSULTING ENGINEERS
2201 San Pedro Blvd. NE Bldg. 1, Suite 1200
Albuquerque, New Mexico 87110
Phone: (505) 888-9088 Fax: (505) 888-6188


AS-BUILT INFORMATION
CONTRACTOR SALLS BROTHERS DATE 11/06 - 11/06
WORK STAKED BY SWUTEK DATE
INSPECTORS ACCEPTANCE BY BRASHER DATE 11/06
FIELD VERIFICATION BY BRASHER DATE 11/06
DRAWINGS CORRECTED BY BRASHER DATE 11/06
MICRO-FILM INFORMATION DATE

BENCHMARKS
ACS BRASS CAP STAMPED "1-B20"
LOCATED AT THE NE QUADRANT OF THE INTERSECTION OF MODESTO AVE NE AND BARSTOW ST NE, APPROX. 30' NORTH FROM THE CENTERLINE OF MODESTO AND 30' EAST FROM THE CENTERLINE OF BARSTOW.
N.M. STATE PLANE COORDINATES - CENTRAL ZONE NAD 27
X = 410,237.56 Y = 1,524,092.46
ELEVATION = 5474.533 FEET NGVD 1929

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL
DENNIS A. LORENZ NEW MEXICO 9869 REGISTERED PROFESSIONAL ENGINEER
6-28-06

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | | |

REVISIONS

DESIGN

| | | DATE |
|---|---|---|
| DESIGNED BY | D.A.L | 02-2006 |
| DRAWN BY | F.G | 02-2006 |
| CHECKED BY | D.A.L | 02-2006 |

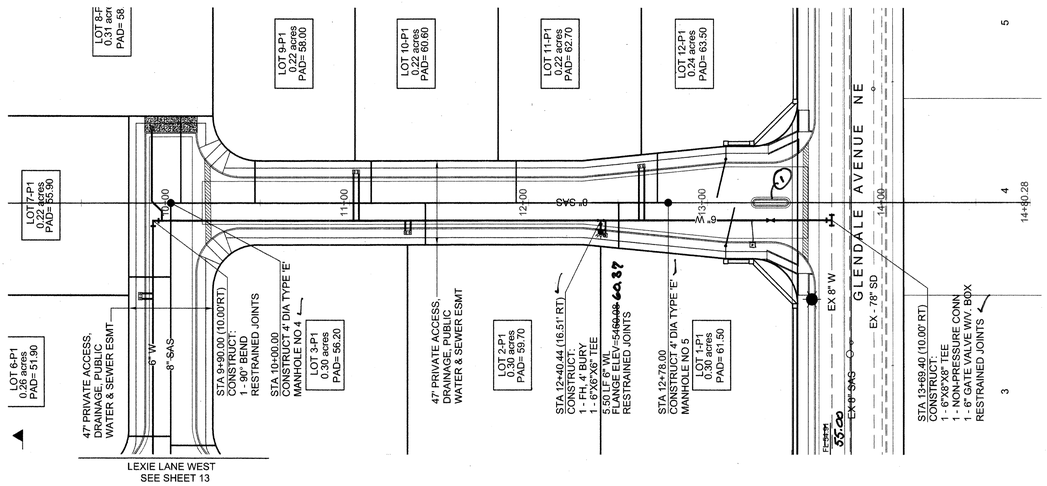
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BARON'S RUN
FLORENCE WATER AND SEWER PLAN AND PROFILE

Design Review Committee: APPROVED JUN 21 2006 DESIGN REVIEW COMM.
City Engineer Approval: APPROVED JUL 11 2006 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 779981 | Zone Map No. B-19 | Sheet 11 of 16

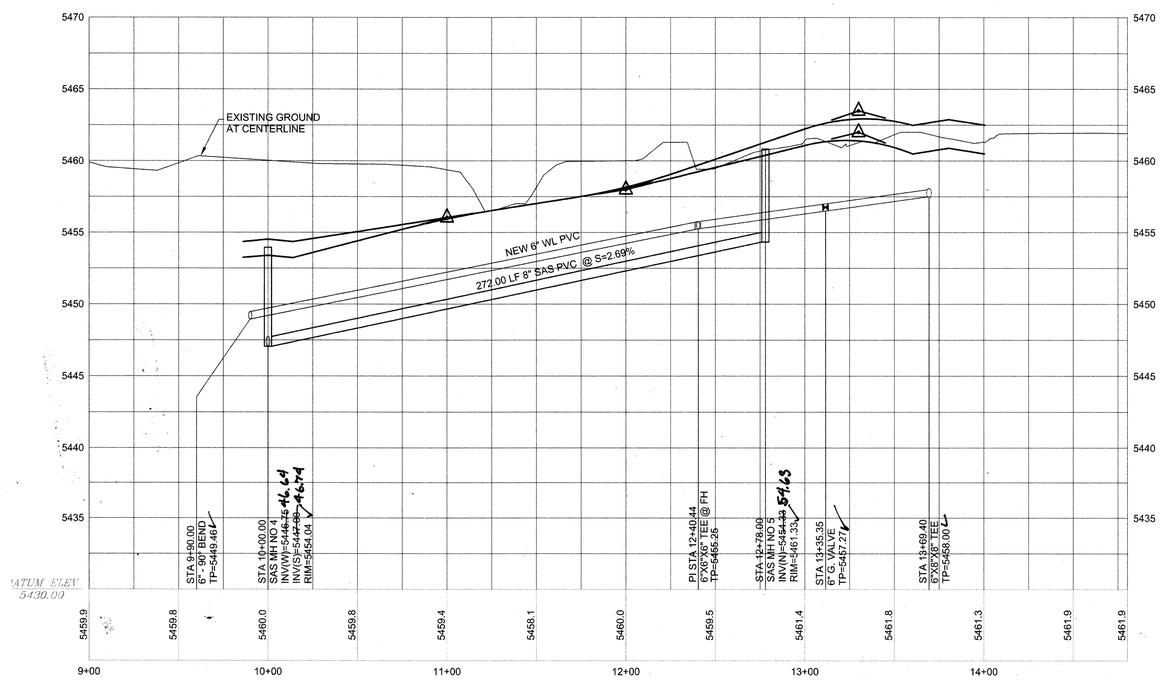
SCANNED BY PLANNING



## LEXIE LANE NE

STA 10+00 TO STA 13+69.40

HOR: 1"= 40'
VERT: 1"= 5'




RECORD DRAWING

## LEGEND

| ITEM | EXISTING | PROPOSED |
|---|---|---|
| WATERLINE | EX 6" W | 6" W |
| SANITARY SEWER | EX 8" SAS | 8" SAS |
| STORM SEWER | EX 36" SD | 36" SD |
| FIRE HYDRANT | | |
| VALVE | | |
| METERED WATER SERVICE | | |
| MANHOLE | | |
| CURB AND GUTTER | | |
| HEADER CURB | | |
| DROP INLET | | |
| OVERHEAD ELEC WITH POWER POLE | EX OHE | OHE |
| UNDERGROUND ELEC, GAS,TEL,TV | EX UGT | UGT |
| CURB ELEVATIONS | TOP CONC. ELEV/ FLOWLINE ELEV | TOP CONC. ELEV/ FLOWLINE ELEV |
| SPOT ELEV. | × 16.7 | 16.7 |
| SEWER SERVICE | | |
| RIGHT OF WAY | | |
| EASEMENT | | |
| POWER POLE (GUYED) | EX PP | PP |
| CENTERLINE | | |
| TOP OF ASPHALT ELEV. | EX TA 16.2 | TA 16.2 |
| TOP OF CURB ELEV. | EX TC 16.2 | TC 16.2 |
| CONTOUR W/ ELEVATION | 4992 | 92 |
| RETAINING WALL | | |
| BLOCK WALL | | |
| ASPHALT PAVING | | |
| ASPHALT PAVING TO BE REMOVED | | |
| ASPHALT MILLINGS TO BE REMOVED | | |
| STREET LIGHT | | |
| DRAINAGE SWALE | | |
| ACCESSIBLE ROUTE | | |

KEYNOTES:
① ISLAND SHORTENED FROM 20' TO 8.5'

SANITARY SEWER SERVICE DATA

| LOT NO. | STATION | OFFSET | INVERT |
|---|---|---|---|
| 1-P1 | 12+57.39 | 25.50' | 55.85 |
| 2-P1 | 11+42.39 | 23.50' | 52.75 |
| 8-P1 | 10+05.57 | 46.65' | 49.33 |
| 9-P1 | 10+47.04 | 23.50' | 50.00 |
| 10-P1 | 11+12.04 | 23.50' | 51.07 |
| 11-P1 | 11+93.04 | 23.50' | 54.20 |
| 12-P1 | 12+72.04 | 27.70' | 56.58 |

RESTRAINED JOINT LENGTH TABLE

1. TEE-BRANCH - EACH PIPE RUN SHALL BE MINIMUM 10' WITHOUT JOINTS.
2. DISTANCES SHOWN ARE IN EACH DIRECTION FOR VALVES AND BENDS.
3. ALL DEAD END CAPS SHALL BE BLOCKED.

| SIZE | 90° | 45° | 22-1/2° | 11-1/4° | TEE | VALVE |
|---|---|---|---|---|---|---|
| 4" | 21' | 9' | 5' | 3' | 21' | 52' |
| 6" | 26' | 11' | 6' | 3' | 37' | 74' |
| 8" | 31' | 13' | 7' | 4' | 54' | 94' |
| 10" | 34' | 15' | 7' | 4' | 69' | 107' |
| 12" | 54' | 23' | 11' | 6' | 85' | 120' |

WATER AND SEWER NOTES

1. ALL STATIONING IS BASED ON CENTERLINE OF RIGHT-OF-WAY UNLESS NOTED OTHERWISE.
2. ALL EXISTING MANHOLES, VALVES, AND FIRE HYDRANTS SHALL BE ADJUSTED TO FINAL GRADE IN ACCORDANCE WITH FINAL STREET GRADES.
3. ALL WATER SERVICES ARE 3/4".
4. ALL WATER METERS SHALL HAVE HEAVY DUTY COVERS.
5. EMD'S SHALL BE INSTALLED ON ALL WATER AND SEWER FACILITIES IN ACCORDANCE WITH STD SPECIFICATION SECTION 170.
6. MANHOLE STEPS SHALL NOT BE INSTALLED IN SANITARY SEWER MANHOLES.

**DATUM NGVD 1929**


**BRASHER & LORENZ**
CONSULTING ENGINEERS
2201 San Pedro Blvd. NE Bldg. 1, Suite 1200
Albuquerque, New Mexico 87110
Phone: (505) 888-6088 Fax: (505) 888-6188


AS-BUILT INFORMATION

| | | DATE |
|---|---|---|
| CONTRACTOR | SALLS BROTHERS | 7 - 11/06 |
| WORK STAKED BY | SURVTEK | 11/06 |
| INSPECTORS ACCEPTANCE BY | BRASHER | 11/06 |
| FIELD VERIFICATION BY | BRASHER | 11/06 |
| DRAWINGS CORRECTED BY | BRASHER | 11/06 |

MICRO-FILM INFORMATION DATE

BENCHMARKS

ACS BRASS CAP STAMPED "1-B20"
LOCATED AT THE NE QUADRANT OF THE INTERSECTION OF MODESTO AVE NE AND BARSTOW ST NE, APPROX 30' NORTH FROM THE CENTERLINE OF MODESTO AND 30' EAST FROM THE CENTERLINE OF BARSTOW.

N.M. STATE PLANE COORDINATES - CENTRAL ZONE NAD 27
X = 410,237.56 Y = 1,524,092.46
ELEVATION = 5474.533 FEET NGVD 1929

SURVEY INFORMATION

| NO. | BY | DATE |
|---|---|---|
| | FIELD NOTES | |

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

DESIGN

| | | DATE |
|---|---|---|
| DESIGNED BY | D.A.L | DATE 02-2006 |
| DRAWN BY | F.G | DATE 02-2006 |
| CHECKED BY | D.A.L | DATE 02-2006 |

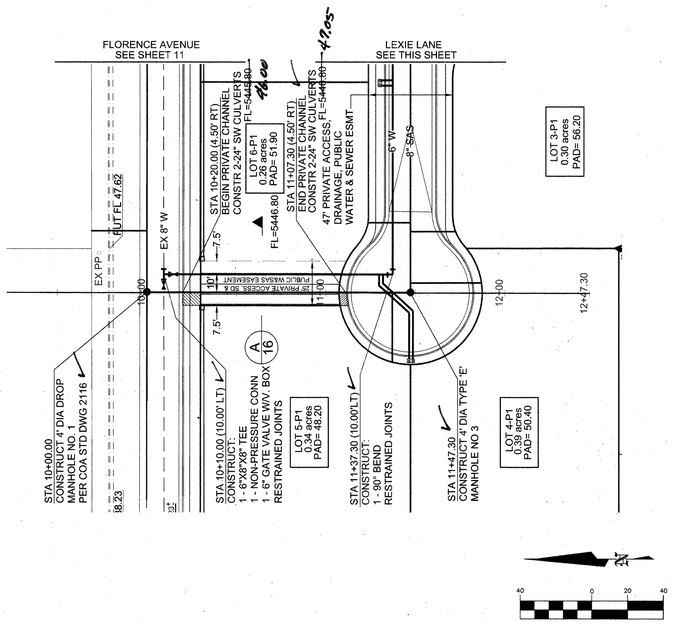
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BARON'S RUN
LEXIE LANE NE WATER AND SEWER PLAN AND PROFILE

Design Review Committee: APPROVED JUN 21 2006 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED JUL 11 2006 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 779981 | Zone Map No. B-19 | Sheet 12 of 16

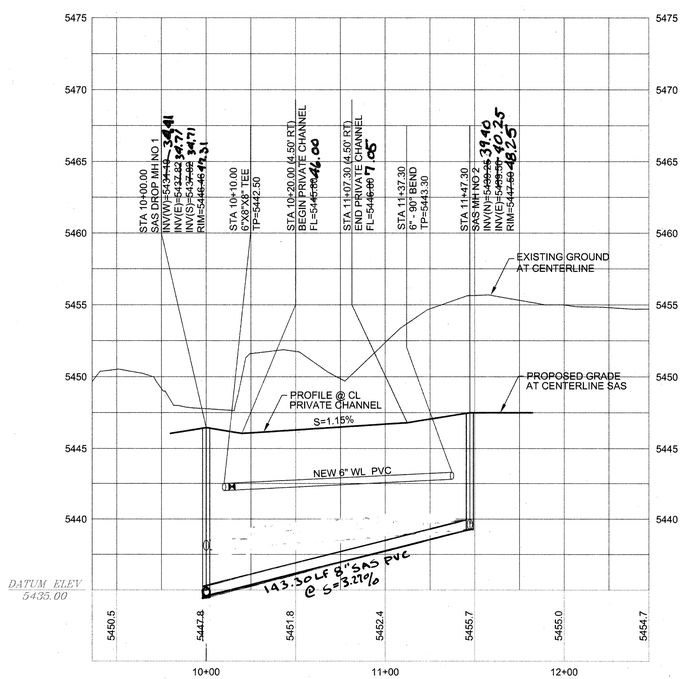
SCANNED BY PLANNING

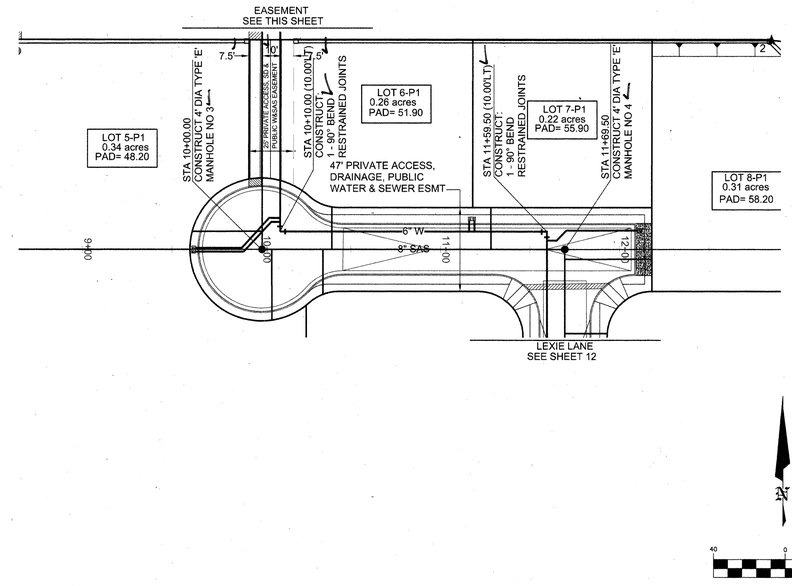



## EASEMENT

STA 10+00 TO STA 11+47.30

HOR: 1"= 40'
VERT: 1"= 5'

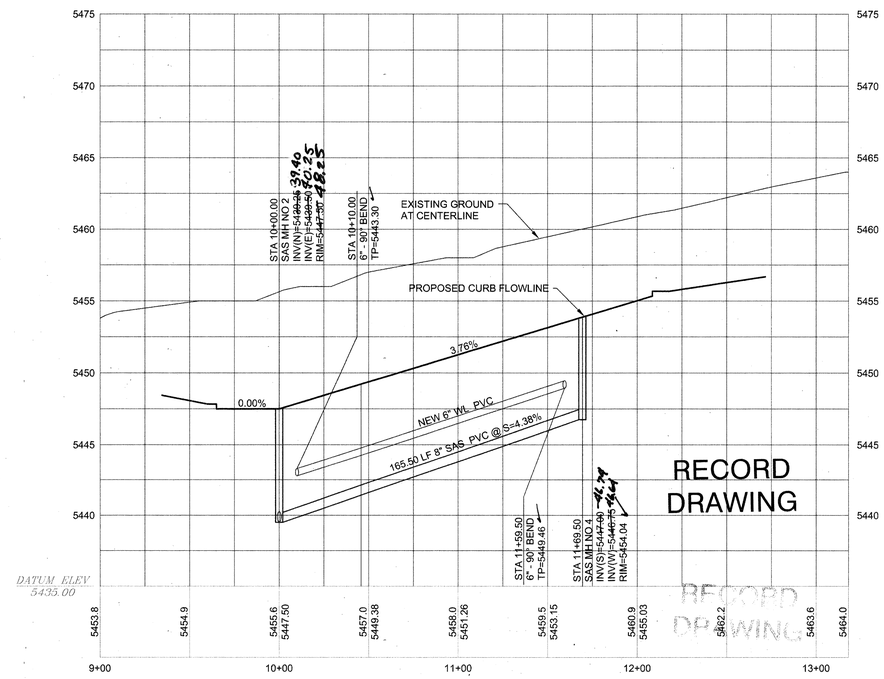



## LEXIE LANE NE

STA 10+00 TO STA 11+69.50

HOR: 1"= 40'
VERT: 1"= 5'




## LEGEND

| ITEM | EXISTING | PROPOSED |
|---|---|---|
| WATERLINE | EX 6" W | 6" W |
| SANITARY SEWER | EX 8" SAS | 8" SAS |
| STORM SEWER | EX 36" SD | 36" SD |
| FIRE HYDRANT | | |
| VALVE | | |
| METERED WATER SERVICE | | |
| MANHOLE | | |
| CURB AND GUTTER | | |
| HEADER CURB | | |
| DROP INLET | | |
| OVERHEAD ELEC WITH POWER POLE | EX OHE | OHE |
| UNDERGROUND ELEC, GAS,TEL,TV | EX UGT | UGT |
| CURB ELEVATIONS | TOP CONC. ELEV / FLOWLINE ELEV | TOP CONC. ELEV / FLOWLINE ELEV |
| SPOT ELEV. | × 16.7 | 16.7 |
| SEWER SERVICE | | |
| RIGHT OF WAY | | |
| EASEMENT | | |
| POWER POLE (GUYED) | EX PP | PP |
| CENTERLINE | | |
| TOP OF ASPHALT ELEV. | EX TA 16.2 | TA 16.2 |
| TOP OF CURB ELEV. | EX TC 16.2 | TC 16.2 |
| CONTOUR W/ ELEVATION | 4992 | 92 |
| RETAINING WALL | | |
| BLOCK WALL | | |
| ASPHALT PAVING | | |
| ASPHALT PAVING TO BE REMOVED | | |
| ASPHALT MILLINGS TO BE REMOVED | | |
| STREET LIGHT | | |
| DRAINAGE SWALE | | |
| ACCESSIBLE ROUTE | | |

SANITARY SEWER SERVICE DATA

| LOT NO. | STATION | OFFSET | INVERT |
|---|---|---|---|
| 3-P1 | 10+34.00 | 24.90' | 42.65 |
| 4-P1 | 10+06.00 | 40.00' | 41.70 |
| 5-P1 | 11+37.00 | 40.00' | 41.00 |
| 6-P1 | 10+39.00 | 23.80' | 42.82 |
| 7-P1 | 11+27.83 | 23.50' | 46.71 |

RESTRAINED JOINT LENGTH TABLE

1. TEE-BRANCH - EACH PIPE RUN SHALL BE MINIMUM 10' WITHOUT JOINTS.
2. DISTANCES SHOWN ARE IN EACH DIRECTION FOR VALVES AND BENDS.
3. ALL DEAD END CAPS SHALL BE BLOCKED.

| SIZE | 90° | 45° | 22-1/2° | 11-1/4° | TEE | VALVE |
|---|---|---|---|---|---|---|
| 4" | 21' | 9' | 5' | 3' | 21' | 52' |
| 6" | 26' | 11' | 6' | 3' | 37' | 74' |
| 8" | 31' | 13' | 7' | 4' | 54' | 94' |
| 10" | 34' | 15' | 7' | 4' | 69' | 107' |
| 12" | 54' | 23' | 11' | 6' | 85' | 120' |

WATER AND SEWER NOTES

1. ALL STATIONING IS BASED ON CENTERLINE OF RIGHT-OF-WAY UNLESS NOTED OTHERWISE.
2. ALL EXISTING MANHOLES, VALVES, AND FIRE HYDRANTS SHALL BE ADJUSTED TO FINAL GRADE IN ACCORDANCE WITH FINAL STREET GRADES.
3. ALL WATER SERVICES ARE 3/4".
4. ALL WATER METERS SHALL HAVE HEAVY DUTY COVERS.
5. EMD'S SHALL BE INSTALLED ON ALL WATER AND SEWER FACILITIES IN ACCORDANCE WITH STD SPECIFICATION SECTION 170.
6. MANHOLE STEPS SHALL NOT BE INSTALLED IN SANITARY SEWER MANHOLES.

**DATUM NGVD 1929**


**BRASHER & LORENZ**
CONSULTING ENGINEERS
2201 San Pedro Blvd. NE Bldg. 1, Suite 1200
Albuquerque, New Mexico 87110
Phone: (505) 888-6088 Fax: (505) 888-6188


AS-BUILT INFORMATION

| | | DATE |
|---|---|---|
| CONTRACTOR | SALLS BROTHERS | 7-06 - 11-06 |
| WORK STAKED BY | SURVTEK | |
| INSPECTOR'S ACCEPTANCE BY | BRASHER | DATE 11/06 |
| FIELD VERIFICATION BY | BRASHER | DATE 11/06 |
| DRAWINGS CORRECTED BY | BRASHER | DATE 11/06 |

MICRO-FILM INFORMATION DATE

BENCHMARKS

ACS BRASS CAP STAMPED "1-B20"
LOCATED AT THE NE QUADRANT OF THE INTERSECTION OF MODESTO AVE NE AND BARSTOW ST NE, APPROX 30' NORTH FROM THE CENTERLINE OF MODESTO AND 30' EAST FROM THE CENTERLINE OF BARSTOW.

N.M. STATE PLANE COORDINATES - CENTRAL ZONE NAD 27
X = 410,237.56 Y = 1,524,092.46
ELEVATION = 5474.533 FEET NGVD 1929

SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL

DENNIS A. LORENZ NEW MEXICO 9648 REGISTERED PROFESSIONAL ENGINEER

REMARKS

REVISIONS

| NO. | DATE | BY |
|---|---|---|
| | | |

DESIGN

| | | DATE |
|---|---|---|
| DESIGNED BY | D.A.L. | 02/2006 |
| DRAWN BY | F.G. | 02/2006 |
| CHECKED BY | D.A.L. | 02/2006 |

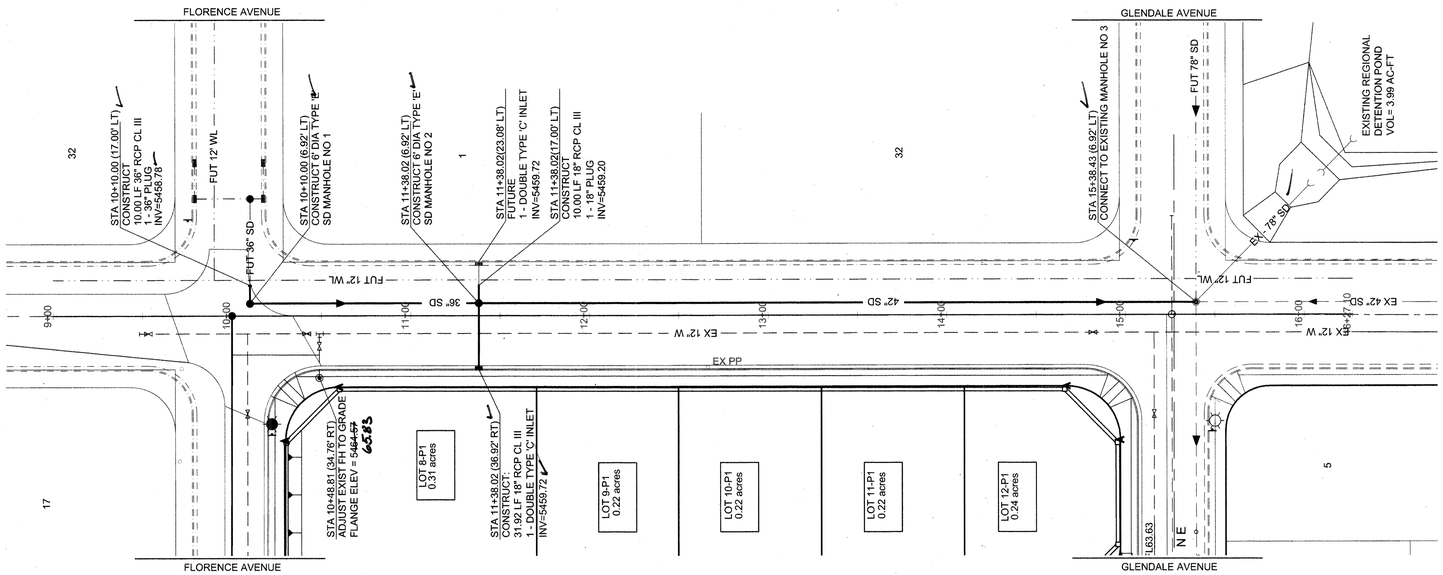
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BARON'S RUN
LEXIE LANE/EASEMENT WATER AND SEWER PLAN AND PROFILE

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| APPROVED JUN 21 2006 DESIGN REVIEW COMMITTEE | APPROVED JUL 11 2006 CITY ENGINEER | | | |

| City Project No. | Zone Map No. | Sheet | of |
|---|---|---|---|
| 779981 | B-19 | 13 | 16 |

SCANNED BY PLANNING




BARSTOW STREET NE

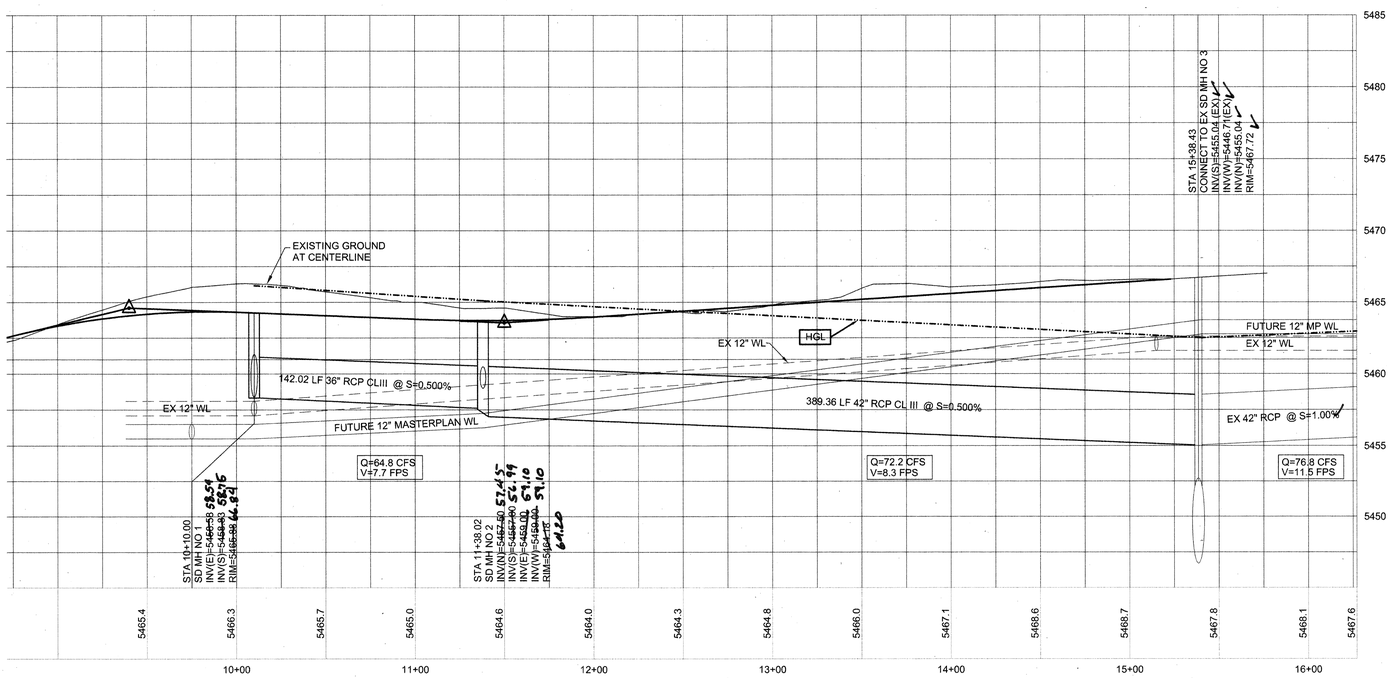
STA 10+00 TO STA 15+38.43

1 inch = 40 ft.

HOR: 1"= 40'
VERT: 1"= 5'

STORM SEWER NOTES

1. ALL STATIONING IS BASED ON CENTERLINE OF RIGHT-OF-WAY UNLESS NOTED OTHERWISE.
2. ALL STORM SEWER PIPE SHALL BE RCP CLASS III UNLES NOTED OTHERWISE.




GLENDALE AVENUE - WEST
EXISTING 78" SD
Q=870 CFS

RECORD DRAWING

## LEGEND

| ITEM | EXISTING | PROPOSED |
|---|---|---|
| WATERLINE | EX 6" W | 6" W |
| SANITARY SEWER | EX 8" SAS | 8" SAS |
| STORM SEWER | EX 36" SD | 36" SD |
| FIRE HYDRANT | | |
| VALVE | | |
| METERED WATER SERVICE | | |
| MANHOLE | | |
| CURB AND GUTTER | | |
| HEADER CURB | | |
| DROP INLET | | |
| OVERHEAD ELEC WITH POWER POLE | EX OHE | OHE |
| UNDERGROUND ELEC, GAS,TEL,TV | EX UGT | UGT |
| CURB ELEVATIONS | TOP CONC ELEV FLOWLINE ELEV | TOP CONC ELEV FLOWLINE ELEV |
| SPOT ELEV. | × 16.7 | 16.7 |
| SEWER SERVICE | | |
| RIGHT OF WAY | | |
| EASEMENT | | |
| POWER POLE (GUYED) | EX PP | PP |
| CENTERLINE | | |
| TOP OF ASPHALT ELEV. | EX TA 16.2 | TA 16.2 |
| TOP OF CURB ELEV. | EX TC 16.2 | TC 16.2 |
| CONTOUR W/ ELEVATION | 4992 | 92 |
| RETAINING WALL | | |
| BLOCK WALL | | |
| ASPHALT PAVING | | |
| ASPHALT PAVING TO BE REMOVED | | |
| ASPHALT MILLINGS TO BE REMOVED | | |
| STREET LIGHT | | |
| DRAINAGE SWALE | | |
| ACCESSIBLE ROUTE 3' WIDE @ 2% CROSS-SLOPE | | |

AS-BUILT INFORMATION

CONTRACTOR SALLS BROTHERS
WORK INSPECTED BY SURVTEK DATE 7/06 - 11/06
AS-BUILTS ACCEPTANCE BY BRASHER DATE 11/06
FIELD VERIFICATION BY BRASHER DATE 11/06
DRAWINGS CORRECTED BY BRASHER DATE 11/06
MICRO-FILM INFORMATION DATE

BENCHMARKS

ACS BRASS CAP STAMPED "1 B20"
LOCATED AT THE NE QUADRANT OF THE INTERSECTION OF MODESTO AVE NE AND BARSTOW ST NE, APPROX 30' NORTH FROM THE CENTERLINE OF MODESTO AND 30' EAST FROM THE CENTERLINE OF BARSTOW.
N.M. STATE PLANE COORDINATES - CENTRAL ZONE NAD 27
X = 410,237.56 Y = 1,524,092.46
ELEVATION = 5474.533 FEET NGVD 1929

SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL

CHARLES A. LORENZ NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 9672

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

DESIGNED BY D.A.L DATE 02-2006
DRAWN BY F.G DATE 02-2006
CHECKED BY D.A.L DATE 02-2006

DATUM NGVD 1929

**BRASHER & LORENZ**
CONSULTING ENGINEERS
2201 San Pedro Blvd. NE Bldg. 1, Suite 1200
Albuquerque, New Mexico 87110
Phone: (505) 888-6088 Fax: (505) 888-6188

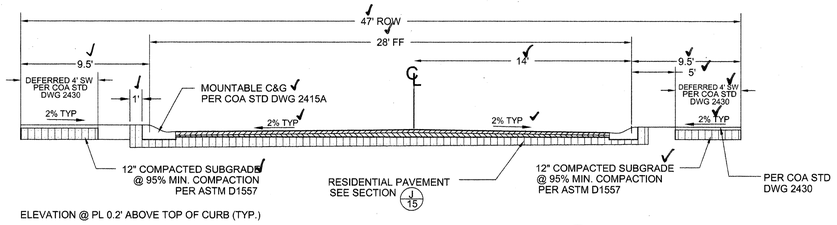
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BARON'S RUN
BARSTOW STORM SEWER PLAN AND PROFILE

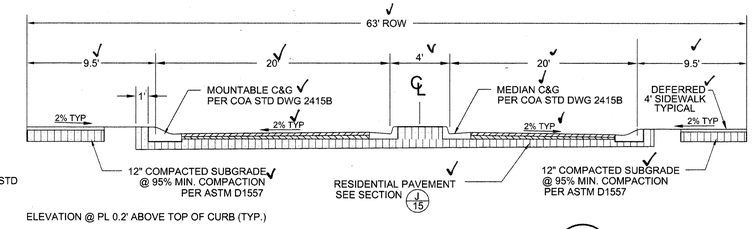
Design Review Committee: APPROVED JUN 21 2006 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED JUL 11 2006 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 779981 | Zone Map No. B-19 | Sheet 14 of 16

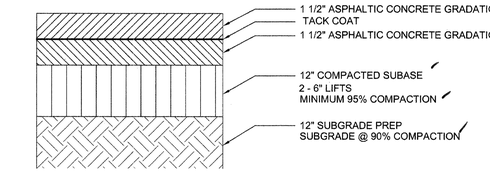
SCANNED BY PLANNING



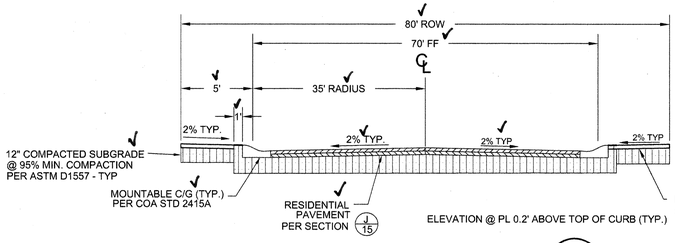

LEXIE LANE SECTION — NTS — A / 15



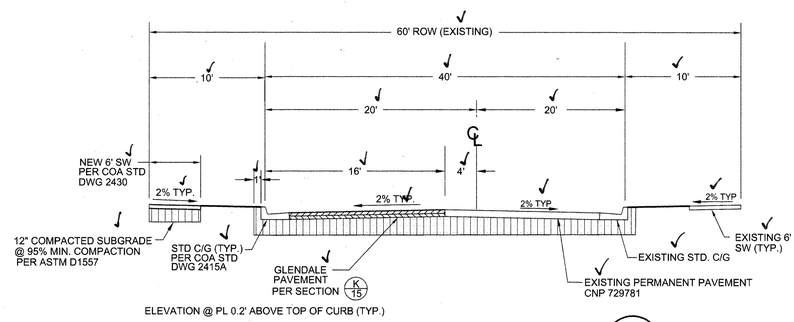

LEXIE LANE SECTION AT PROJECT ENTRY — NTS — B / 15



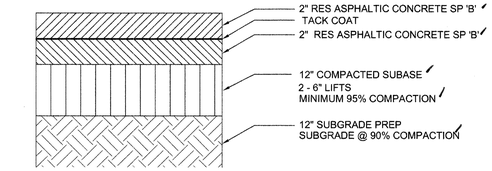

RESIDENTIAL PAVEMENT SECTION (TYPICAL) — NTS — J / 15



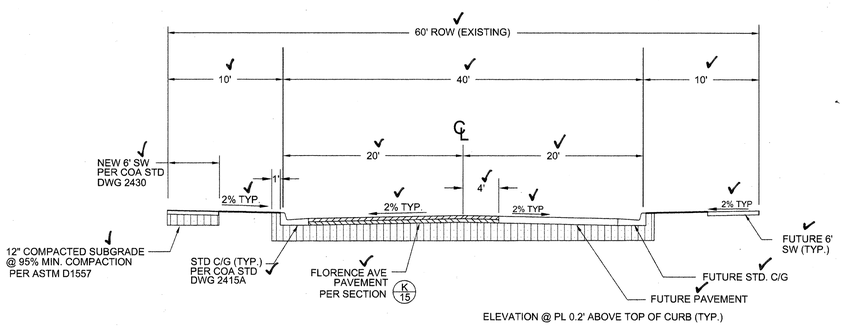

CUL DE SAC SECTION LEXIE LANE - WEST — NTS — C / 15



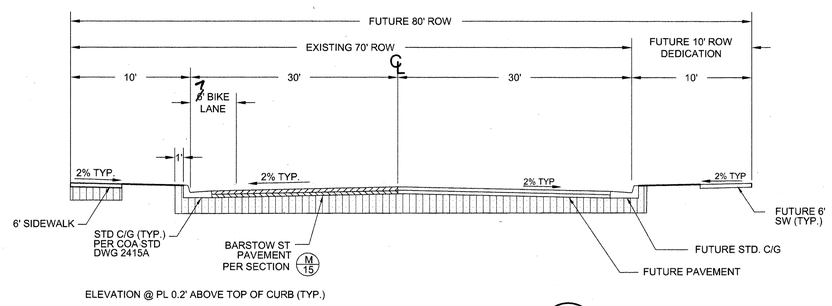

GLENDALE AVE. SECTION — NTS — D / 15



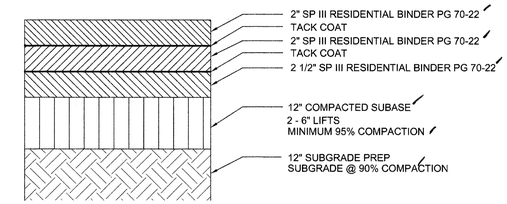

RESIDENTIAL PAVEMENT SECTION — NTS — K / 15
GLENDALE AVE. CITY PROJECT NO. 729781
FLORENCE AVE. CITY PROJECT NO. 675484



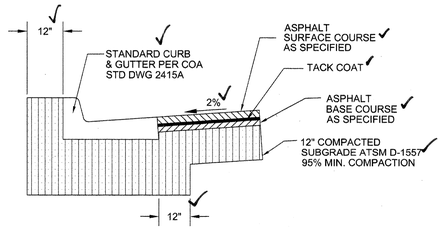

FLORENCE AVE. SECTION — NTS — E / 15



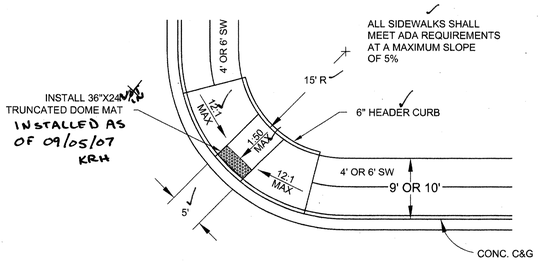

BARSTOW STREET SECTION — NTS — F / 15



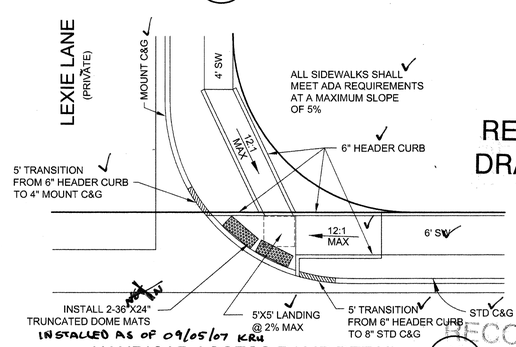

ARTERIAL PAVEMENT SECTION — NTS — M / 15
BARSTOW ST.
CITY PROJECT NO. 729781




SUBGRADE JOINT AT CURB DETAIL — NTS — G / 15




HANDICAP ACCESS RAMP DETAIL PER COA STD. DWG 2441 CASE II — NTS — H / 15




HANDICAP ACCESS RAMP DETAIL LEXIE LANE @ GLENDALE — NTS — N / 15

RECORD DRAWING

NOTE FOR ALL PAVING SECTIONS:
IF 'R' VALUE IS LESS THAN 50 CONTRACTOR SHALL REPLACE SUBGRADE WITH UPGRADED SOIL TO A DEPTH OF 24-INCHES, PER CITY STD SPECIFICATIONS.

**DATUM NGVD 1929**

**BRASHER & LORENZ**
CONSULTING ENGINEERS
2201 San Pedro Blvd. NE Bldg 1, Suite 1200
Albuquerque, New Mexico 87110
Phone: (505) 888-6088 Fax: (505) 888-6188

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BARON'S RUN
STREET PAVING DETAILS

Design Review Committee: APPROVED JUN 21 2006 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED JUL 11 2006 CITY ENGINEER
Last Design Update — Mo./Day/Yr. — Mo./Day/Yr.

City Project No. 779981 | Zone Map No. B-19 | Sheet 15 of 16

AS-BUILT INFORMATION
CONTRACTOR: SALLS BROTHERS — DATE 7/06 - 11/06
WORK STAKED BY: SURVTEK — DATE 11/06
INSPECTOR'S ACCEPTANCE BY: BRASHER — DATE 11/06
FIELD VERIFICATION BY: BRASHER — DATE 11/06
DRAWINGS CORRECTED BY: BRASHER — DATE 11/06
MICRO-FILM INFORMATION — DATE

BENCHMARKS
ACS BRASS CAP STAMPED "1-B20"
LOCATED AT THE NE QUADRANT OF THE INTERSECTION OF MODESTO AVE NE AND BARSTOW ST NE, APPROX 30' NORTH FROM THE CENTERLINE OF MODESTO AND 30' EAST FROM THE CENTERLINE OF BARSTOW.
N.M. STATE PLANE COORDINATES - CENTRAL ZONE NAD 27
X = 410,237.56 Y = 1,524,092.46
ELEVATION = 5474.533 FEET NGVD 1929

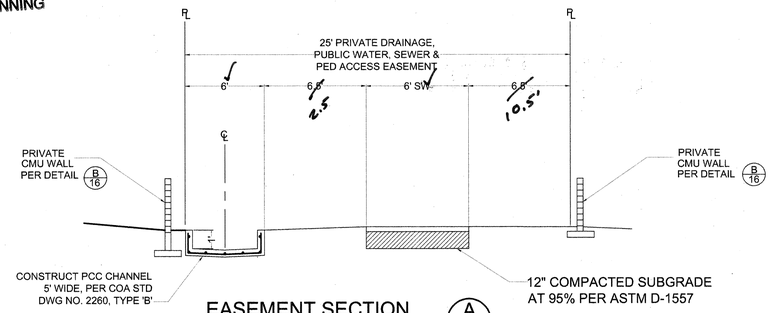
SURVEY INFORMATION — FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL — DESIGNED AS A LORENZ — NEW MEXICO — 14841 — REGISTERED PROFESSIONAL ENGINEER

REVISIONS
NO. | DATE | REMARKS | BY

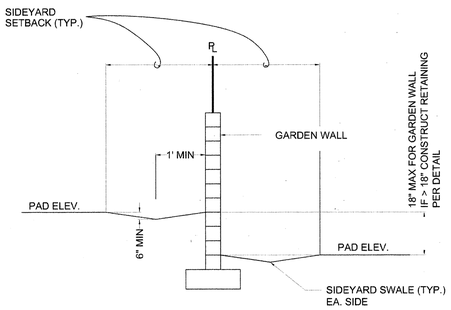
DESIGN
DESIGNED BY D.A.L DATE 02-2006
DRAWN BY F.G DATE 02-2006
CHECKED BY D.A.L DATE 02-2006

SCANNED BY PLANNING



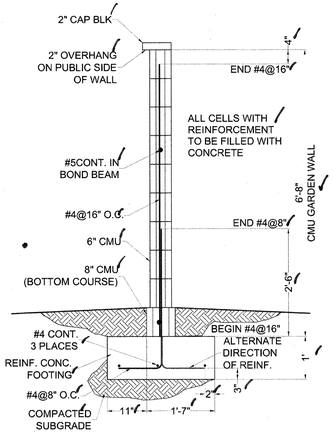

## EASEMENT SECTION (A/16)

NTS




## SIDEYARD GRADING DETAIL (D/16)

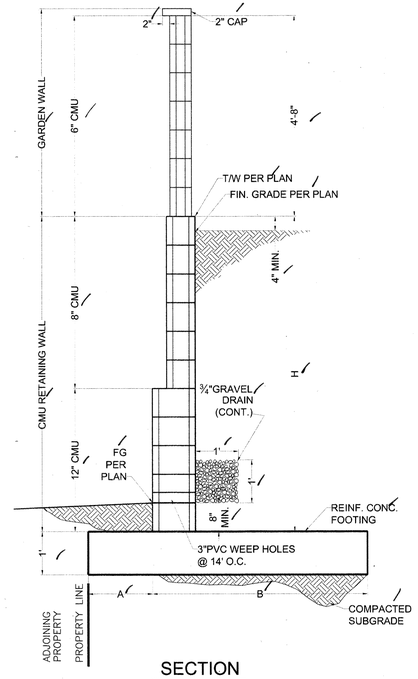
NTS




## CMU GARDEN WALL DETAIL (B/16)

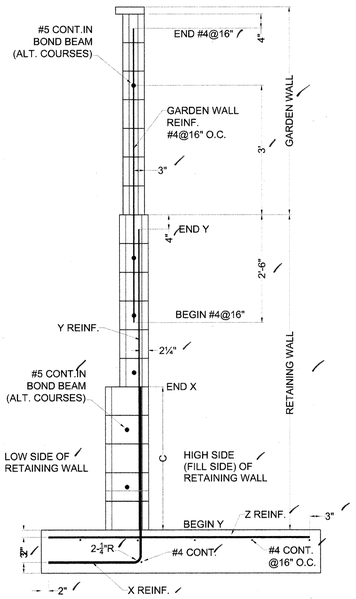
NTS

RETAINING WALL NOTES:
1. All cells with reinforcement shall be completely filled with concrete
2. All wall sections are designed based on special inspection per UBC.
3. All footing continuous reinforcement shall have a 28" min. lap splice; splices in adjacent reinforcement shall not be more than 3 feet apart.
4. Concrete shall be protected from high temperatures in compliance with ACI 305. and shall not be poured when mix temperature is above 90 degrees F.
5. Concrete shall not be dropped through reinforcement such that segretation of cement and aggregates occurs.
6. All footing subgrade and base shall be compacted to 95 % modified proctor per ASTM D-1557.
7. Rubber flanged control joints in masonry shall be provided at 24' O.C.; control joints shall be sealed both sides of wall with elastomeric sealant.
8. All masonry units shall be hollow conforming to ASTM C90, Grade N, and shall have cured for at least 28 days before placement in wall.
9. All masonry shall be laid in running bond only, and placed without waste grout in interior joints to obstruct continuously filled cells.
10. THIS RETAINING WALL IS DESIGNED EXCLUSIVELY FOR USE ON BARON'S RUN SUBDIVISION AND IS NOT APPLICABLE TO ANY OTHER SITE.
11. Wall design assumes that a 4'-8" garden wall of 6" CMU will be constructed on top of the retaining wall.
12. All masonry surfaces to be backfilled against shall be coated with emulsified asphalt, or other moisture barrier as approved by the Engineer.
13. Before construction, the contractor shall field verify the horizontal and vertical location of any utilities which may be within the work area.
14. Reinforcement for conctretre poured on grade shall be supported by steel chairs.
15. Walls are designed assuming the following:
f'c=4000 psi: maximum aggregate size shall be per ASTM C33; max. slump 4"; no admixtures allowed.
fy=60,000 psi (ASTM A-615 GR 60); all deformed, non-coated, cold bent
fm=1500 psi
Unit weight of backfill = 110 pcf
Concrete/soil coeff of friction = 0.40
Allowable soil bearing pressure = 1500 psf
Active pressure = 35 psf/ft
Slope active pressure = 35 psf/ft
Passive pressure = 300 psf/ft
In the event any of these criteria cannot be met, or if the results of a site-specific geotechnical investigation indicate that these parameters are not appropriate, the Engineer must be consulted for possible modifications to the design.




## SECTION

NTS




## REINFORCEMENT

NTS

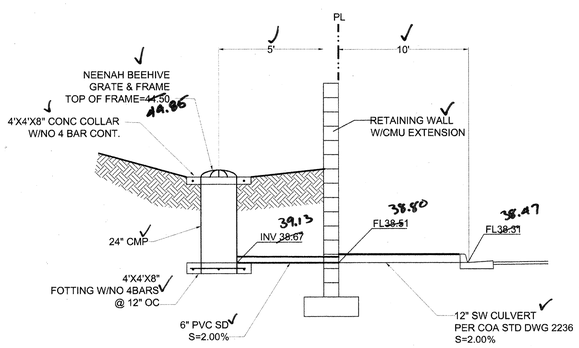
## BARON'S RUN RETAINING WALL DETAILS (G/16)

NTS

REINFORCEMENT SCHEDULE

| (H) RANGE | A | B | C | 12" CMU | 8" CMU | (X) | (Y) | (Z) |
|---|---|---|---|---|---|---|---|---|
| 6'-8" - 7'-4" | 1'-6" | 5'-0" | 3'-10" | 5 CRSES | 6 CRSES | #5@8" | #5@16" | #5@16" |
| 6'-0" - 6'-8" | 1'-3" | 4'-6" | 3'-2" | 4 CRSES | 6 CRSES | #5@8" | #5@16" | #5@16" |
| 5'-4" - 6'-0" | 1'-0" | 4'-0" | 3'-2" | 3 CRSES | 6 CRSES | #5@8" | #5@16" | #5@16" |
| 4'-8" - 5'-4" | 1'-0" | 3'-6" | 3'-2" | 2 CRSES | 6 CRSES | #5@8" | #5@16" | #4@16" |
| 4'-0" - 4'-8" | 1'-0" | 2-9" | 3'-2" | 1 CRSES | 6 CRSES | #5@16" | #5@16" | #4@16" |
| 3'-4" - 4'-0" | 1'-0" | 2'-3" | 3'-2" | - | 6 CRSES | #5@16" | #5@16" | - |
| 2'-8" - 3'-4" | 1'-0" | 2'-0" | 3'-0" | - | 5 CRSES | #5@16" | - | - |
| 2'-0" - 2'-8" | 0'-10" | 2'-0" | 2'-4" | - | 4 CRSES | #4@16" | - | - |
| 1'-4" - 2'-0" | 0'-10" | 1'-8" | 1'-8" | - | 3 CRSES | #4@16" | - | - |

(DIMENSION "C" IS THE DISTANCE THAT "X" REINFORCEMENT EXTENDS UPWARD ABOVE THE TOP OF THE FOOTING)




## LOT 5-P1 PRIVATE AREA DRAIN DETAIL (C/16)

NTS

RECORD DRAWING

AS-BUILT INFORMATION
CONTRACTOR SALLS BROTHERS DATE 7-11-06
WORK STAKED BY SURVTEK DATE 11/06
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SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|

ENGINEER'S SEAL
DENNIS A. LORENZ NEW MEXICO 12185 REGISTERED PROFESSIONAL ENGINEER
05-22-06

| NO. | DATE | REMARKS | BY |
|---|---|---|---|

REVISIONS

DESIGN

| | | |
|---|---|---|
| DESIGNED BY | D.A.L. | DATE 02-2006 |
| DRAWN BY | F.G. | DATE 02-2006 |
| CHECKED BY | D.A.L. | DATE 02-2006 |

DATUM NGVD 1929


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CONSULTING ENGINEERS
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Albuquerque, New Mexico 87110
Phone: (505) 888-6088 Fax: (505) 888-6188


CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

BARON'S RUN
WALL AND DRAINAGE DETAILS

Design Review Committee: APPROVED JUN 21 2006 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED JUL 11 2006 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 779981 | Zone Map No. B-19 | Sheet 16 of 16