



Martin J. Chávez, Mayor

R.G. Lee
Lee Engineering
2316 Calle de Rafael NE
Albuquerque, NM 87122

RE: GRADING/PAVING PLAN FOR 2103 ETON ST. SE (POHL) (K15-D59)
ENGINEER'S STAMP DATED 4/29/96.

Dear Mr. Lee:

Based on the information provided on your April 30, 1996 submittal, the above referenced site is approved for Grading/Paving permit.

If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,

A handwritten signature in black ink, which appears to read 'Bernie J. Montoya'.

Bernie J. Montoya, CE
Engineering Associate

BJM/dl

c: Andrew Garcia
Ellen Concini
File



DRAINAGE INFORMATION SHEET

PROJECT TITLE: Proposed Apartment Parking ONE ATLAS/DRNG. FILE #: K-15-DS9

DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: _____

CITY ADDRESS: 2103 Eton Ave. S.E.

ENGINEERING FIRM: LEE Engineering CONTACT: R. G. Lee Jr

ADDRESS: 2316 Calle De Retoelak PHONE: 822-8999

OWNER: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

ARCHITECT: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL: Amendment

- ☐ DRAINAGE REPORT
- ☒ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☒ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION
- ☐ OTHER _____

PRE-DESIGN MEETING:

- ☐ YES
- ☒ NO
- ☐ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SKETCH PLAT APPROVAL
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D. APPROVAL
- ☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☒ PAVING PERMIT APPROVAL
- ☐ S.A.D. DRAINAGE REPORT
- ☐ DRAINAGE REQUIREMENTS
- ☐ SUBDIVISION CERTIFICATION
- ☐ OTHER _____ (SPECIFY)

DATE SUBMITTED: 7/12/96

BY: Herman Hood

JUL 18 1996

DRAINAGE CALCULATIONS

- I. REFERENCES:
- A. SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME 2, DESIGN CRITERIA FOR THE CITY OF ALBUQUERQUE, NEW MEXICO IN COOPERATION WITH BERNALILLO COUNTY, NEW MEXICO AND THE ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY.
- B. ALBUQUERQUE FLOOD BOUNDARY AND FLOODWAY MAP, CITY OF ALBUQUERQUE, REVISION 1, PANEL 29 OF 50.
- C. ZONE ATLAS PAGE K-15-Z.

II. GENERAL INFORMATION:

- A. SITE LIES IN ZONE TWO(2) (SEE REF. A, PAGE A-1)
- B. 100 YEAR, 6 HOUR RAINFALL CRITERIA
- C. TIME OF CONCENTRATION, Tc = 0.2 hr(12 MINUTES).

III. IMPERVIOUSNESS:

TREATMENT TYPE	PERCENT SURFACES	EXISTING SQ.FT	ACRES	PROPOSED SQ.FT	ACRES
A	UNDEVELOPED	0	0.0000	0	0.0000
B	LANDSCAPING	0	0.0000	925	0.0212
C	COMPACTED/VACANT	4625	0.1062	0	0.0000
D	IMPERVIOUS	2471	0.0567	6171	0.1417
	TOTAL AREA (TA)	7096	0.1629	7096	0.1629

IV. PEAK DISCHARGE, 100 YEAR (REF. A, TABLE A-9):

TREATMENT TYPE	PERCENT SURFACES	EXISTING CFS/AC	EXISTING Qp(100)	PROPOSED CFS/AC	PROPOSED Qp(100)
A	UNDEVELOPED	2.28	0.00	2.28	0.00
B	LANDSCAPING	3.14	0.00	3.14	0.00
C	COMPACTED/VACANT	4.70	0.27	4.70	0.00
D	IMPERVIOUS	4.70	0.27	4.70	0.67
	PEAK DISCHARGE FROM SITE		0.60 CFS		0.71 CFS

V. PEAK DISCHARGE, 10 YEAR (REF. A, TABLE A-9):

TREATMENT TYPE	PERCENT SURFACES	EXISTING CFS/AC	EXISTING Qp(10)	PROPOSED CFS/AC	PROPOSED Qp(10)
A	UNDEVELOPED	0.95	0.00	0.95	0.00
B	LANDSCAPING	1.71	0.00	1.71	0.00
C	COMPACTED/VACANT	3.14	0.18	3.14	0.00
D	IMPERVIOUS	3.14	0.18	3.14	0.44
	PEAK DISCHARGE FROM SITE		0.36 CFS		0.47 CFS

VI. WEIGHTED "E" 100 YEAR, 6 HR. (REF. A, TABLE A-8):

TREATMENT TYPE	PERCENT SURFACES	EXISTING EXA/TA	EXISTING E	PROPOSED EXA/TA	PROPOSED E
A	UNDEVELOPED	0.59	0.00	0.59	0.00
B	LANDSCAPING	0.78	0.00	0.78	0.10
C	COMPACTED/VACANT	1.13	0.74	1.13	0.00
D	IMPERVIOUS	2.12	0.74	2.12	1.84
	WEIGHTED "E" FACTOR		1.47 IN		1.95 IN

VI. VOLUME 100 YEAR, V(360) (REF. A, TABLE A-8):

EXISTING $1.47 \times 0.16 / 12 = 0.02$ AC. FT.
PROPOSED $1.95 \times 0.16 / 12 = 0.03$ AC. FT.
PROPOSED $1.95 \times 0.16 / 12 = 1150.34$ CU.FT.

FLOOD INFORMATION

THIS SITE DOES NOT LIE IN A DESIGNATED 100 YEAR FLOOD PLAIN, PER FLOODWAY MAP PANEL 29 OF 50.

SYMBOL LEGEND

EXISTING CONTOUR	---
DESIGN CONTOUR	---
DESIGN SPOT ELEVATION	5102
PROPERTY LINE	---
FLOW DIRECTION	---
EXISTING SPOT ELEVATION	5102
DOWN SPOT LOCATION	---
EXISTING CHAINLINK FENCE	---
EXISTING CURB & GUTTER AND SIDEWALK	---

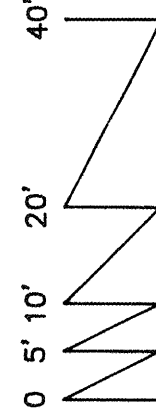
AMENED

GRADING & DRAINAGE PLAN

SCALE: 1"=10.0'

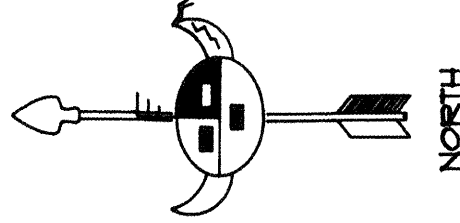
2103 ETON AVE SE.

60 ROW



ABBREVIATION LEGEND

TOP OF SIDEWALK	- TSV
TOP OF CURB	- C
TOP OF ASPHALT	- TA
FLOWLINE	- FL



HOOD & COMPANY
DEVELOPMENT CONSULTANTS - GENERAL CONTRACTING
516 TOMASTA ST. NE • ALBUQUERQUE, NM 87123 • 505/270-5397

PROPOSED APARTMENT PARKING
IMPROVEMENTS
ALBUQUERQUE, NEW MEXICO

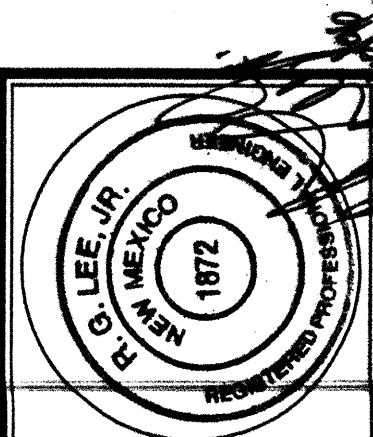
GRADING & DRAINAGE PLAN

Sheet Title

Drawn by HUOD

Checked by REG LEE, JR.

Job Number 9612
Date April 11, 1996
Revised



BENCHMARK INFORMATION

TEMPORARY BENCHMARK BEING THE TOP OF CURB ALONG THE PROJECTION OF THE WESTERN PROPERTY LINE INTERSECTING ETON AVE SE. BEARING ELEVATION 5157.81 REFERENCE TO CDA BENCHMARK 7-K15A BEARING ELEVATION 5153.022(MSL).

EROSION CONTROL MEASURES:

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR MANAGEMENT OF STORM RUNOFF DURING CONSTRUCTION. HE SHALL INSURE THAT THE FOLLOWING MEASURES ARE TAKEN:

- ADJACENT PROPERTY SHALL BE PROTECTED AT ALL TIMES BY CONSTRUCTION OF BERMS, DIKES, SWALES, PONDING AND OTHER TEMPORARY GRADING AS REQUIRED TO PREVENT STORM RUNOFF TO ADJACENT PROPERTY.
- ADJACENT PUBLIC RIGHT-OF-WAY SHALL BE PROTECTED AT ALL TIMES FROM STORM WATER RUNOFF FROM THE SITE AND SEDIMENT BEARING WATER SHALL BE PERMITTED TO ENTER THE PUBLIC STREETS.
- THE CONTRACTOR SHALL IMMEDIATELY AND THOROUGHLY REMOVE ANY OR ALL SEDIMENT WITHIN THE PUBLIC STREETS THAT HAVE BEEN EXDED FROM THE SITE AND DEPOSITED THERE.

GENERAL NOTES:

1. An excavation/construction permit will be required before beginning any work within the City right-of-way. Approved copy of this plan must be submitted at the time of application for permit.
2. All work detailed in this plan to be performed, except as otherwise stated or provided herein, shall be constructed in accordance with City of Albuquerque Interim Standard Specification for Public Works Construction 1985.
3. Two working days prior to any excavation, contractor must contact line locating Services at (505) 260-1990 for locating existing utilities.
4. Prior to construction, the contractor shall excavate and verify the horizontal and vertical location of all construction. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of delay.
5. Backfill compaction shall be according to residential street use.
6. All work on this project shall be performed in accordance with applicable Federal, State and local laws, rules and regulations concerning construction safety and health.

