

DRAINAGE INFORMATION SHEET

Proposed Office Building

PROJECT TITLE: for Highway House Motel ZONE ATLAS/DRWNG. FILE #: K-16/D55

LEGAL DESCRIPTION: Lot 1,2& 3, Block 41, University Heights Addition

CITY ADDRESS: 3200 Central Ave. S.E.

ENGINEER FIRM: Lee Engineering CONTACT: R.G. Lee, Jr.

ADDRESS: 2316 Calle De Refael N.E. PHONE: (505) 822-8999

Albuquerque N.M. 87122

ARCHITECT: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

Bicu Corp

OWNER: Highway House Motel, Inc CONTACT: George Strimbu

ADDRESS: 3200 Central Ave. SE PHONE: 268-3971

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

PRE-DESIGN MEETING:

☐ YES

☒ NO

☐ COPY OF CONFERENCE RECAP

☐ SHEET PROVIDED

☐ DRB NO.

☐ EPC NO.

☐ PROJ.NO

TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT

☒ DRAINAGE PLAN

☐ CONCEPTUAL GRADING & DRAINAGE PLAN

☒ GRADING PLAN

☐ EROSION CONTROL PLAN

☐ ENGINEER' CERTIFICATION

CHECK TYPE OF APPROVAL SOUGHT:

☐ SKETCH PLAT APPROVAL

☐ PRELIMINARY PLAT APPROVAL

☐ SITE DEVELOPMENT PLAN APPROVAL

☐ FINAL PLAT APPROVAL

☒ BUILDING PERMIT APPROVAL

☐ ROUGH GRADING PERMIT APPROVAL

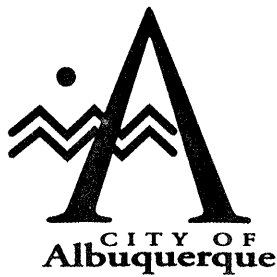
☒ GRADING/PAVING PERMIT APPROVAL

☐ OTHER "CERTIFICATE OF OCCUPANCY"

DATE SUBMITTED: 7-Nov-96

BY: Herman Hood





November 13, 1996

Martin J. Chávez, Mayor

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

**RE: DRAINAGE PLAN FOR AN ADDITION TO HIGHWAY HOUSE MOTEL
(K16-D55) ENGINEER'S STAMP DATED 11/5/96.**

Dear Mr. Lee:

Based on the information provided on your November 6, 1996 submittal, the above referenced site is approved for Building Permit.

Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

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

Sincerely,

Bernie J. Montoya, CE
Engineering Associate

BJM/dl

c: Andrew Garcia
File



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 CONSIDERATELY GRADING AND/OR DRAINAGE DITCHES AND OTHER MEASURES TO PREVENT STORM RUNOFF TO ADJACENT PROPERTY.
- LEAVE THE SITE AND ENTERING ADJACENT PROPERTY.
- ADJACENT PUBLIC RIGHT-OF-WAYS SHALL BE PROTECTED AT ALL TIMES FROM STORM WATER RUNOFF FROM THE SITE, NO SEDIMENT BEARING WATER SHALL BE PERMITTED TO ENTER THE PUBLIC STREET.
- THE CONTRACTOR SHALL IMMEDIATELY AND THOROUGHLY REMOVE ANY OR ALL SEDIMENT WITHIN THE PUBLIC STREETS THAT HAVE BEEN ERODED FROM THE SITE AND DEPOSITED THERE.

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 indicated 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 the Loading Services at (505) 260-1990 for loading 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 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.

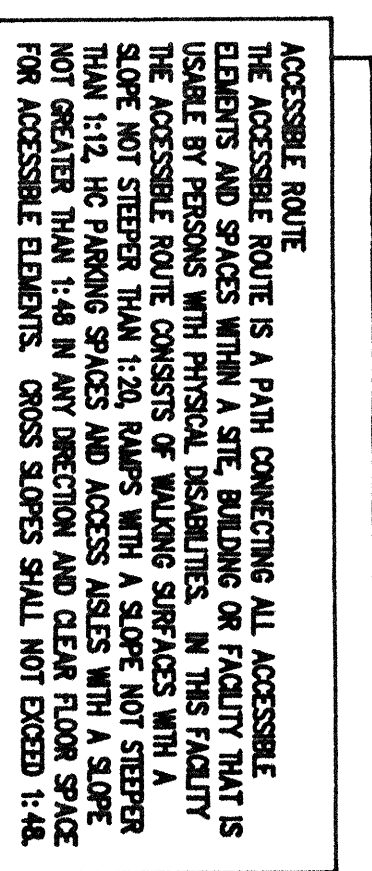
1. REFERENCES:
 - A. SECTION 22.2. HYDROLOGY OF THE DEVELOPMENT PROCESS ALBUQUERQUE, NEW MEXICO. CITY OF ALBUQUERQUE, NEW MEXICO IN COOPERATION WITH BERNALILLO COUNTY, NEW MEXICO AND THE ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY.
 - B. FLOODWAY, FLOOD BOUNDARY AND FLOODWAY MAP, CITY OF ALBUQUERQUE, NEW MEXICO, PANEL 28 OF 50.
 - C. ZONE ATLAS PAGE K-18-7.
- 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, T_c to $T_c = 0.2 \text{ hr}$ (12 MINUTES).

PEAK DISCHARGE TREATMENT TYPE	TYPES OF SURFACES		SQ. FT.	EXISTING		SQ. FT.	PROPOSED	
	UNDEVELOPED LANDSCAPING	PAVED CONCRETE/ASPHALT		ACRES	Q _P (100)		ACRES	Q _P (100)
A	0	0	0	0.0000	0	0	0.0000	
B	3500	0.0003	2844	0.0653	0.0000	0.0653	0.0000	
C	41,350	0.5493	42,006	0.9643	0.5493	0.9643	0.5493	
D	TOTAL AREA (TA)	1.0296	44,850	1.0296		44,850	1.0296	

TREATMENT TYPE	EXISTING CFS/Ac	EXISTING Δp (10)	PROPOSED CFS/Ac	PROPOSED Δp (10)
A UNDEVELOPED SURFACES	0.38	0.00	0.38	0.00
B LANDSCAPED	0.08	0.08	0.95	0.06
C COMPACTED/VACANT	1.71	0.00	1.71	0.00
D IMPERVIOUS	3.14	2.06 CFS	3.14	3.03 CFS
PEAK DISCHARGE FROM SITE		3.06 CFS		3.09 CFS

TREATMENT TYPE	TYPES OF SURFACES	EXISTING E ₁ E ₂ /T ₁ T ₂	PROPOSED E ₁ E ₂ /T ₁ T ₂
A	UNDEVELOPED	0.53	0.53
B	LANDSCAPING	0.78	0.78
C	COMPACTED/VACANT	1.13	1.13
D	IMPERVIOUS	2.12	2.12
	WEIGHTED E ₁ F ₁ FACTOR	2.02	IN
			2.04

EXISTING	2.02 x 1.039/12 =	0.17 AC. FT. 7532.67 CU.FT.
PROPOSED	2.04 x 1.039/12 =	0.17 AC. FT. 7605.92 CU.FT.



TEMPORARY BENCH-MARK BEING THE FINISHED FLOOR OF EXISTING MOTEL BUILDING BEARS ELEVATION 5203.57 (MSL). REFERENCE TO CITY BENCH-MARK 15-K16 BEARING ELEVATION 5191.308

EXISTING CONTOUR
DESIGNED SPOT ELEVATION
PROPERTY LINE
FLOW DIRECTION
EXISTING SPOT ELEVATION
DOWN SPOUT

TOP OF CURB	TC
TOP OF ASPHALT	TA
FLOWLINE	FL

