DRAINAGE INFORMATION SHEET

PROJECT TITLE: Remodel g & Additions ZO	NE ATLAS/DRA FILE #: $J-21/DZU$
LEGAL DESCRIPTION: LOT 1-B-1-B, BLOCK 39-	
JEANNE PARK CITY ADDRESS: 1105 IIIAN TABO BLVD., NE	
ENGINEERING FIRM: Lovelady & Associates	CONTACT: Frank Lovelady
ADDRESS: 7408 Morrow Road, NE 87110	PHONE: 883-7973
OWNER: Little Anita's Mexican Food Inc.	CONTACT: Larry Gutierrez
ADDRESS 3232 Girard Blvd., NE	PHONE:888-0104
ARCHITECT: Custer-Basarich	CONTACT: Phil Custer
ADDRESS: 500 Marquette Suite 302	PHONE: 765-1020
SUPVEYOR: Southwest Surveying Company	CONTACT: Dan Graney
ADDRESS: 333 Lomas Blvd. NE	PHONE: 247-4444
CONTRACTOR:	CONTACT:
ADDRESS:	PHONE:
PRE-DESIGN MEETING:	7)
41 11/	PRB NO
NO INDEPENDENT SECTION	EPC NO
HYDROLOGY SECTION X COPY OF CONFERENCE RECAP	
SHUET PROVIDED	
TYPE OF SUBMITTAL:	CHECK TYPE OF APPROVAL SOUGHT:
DRAINAGE REPORT	SKETCH PLAT APPROVAL
X DRAINAGE PLAN	PRELIMINARY PLAT APPROVAL
CONCEPTUAL GRADING & DRAIN. PLAN	SITE DEVELOPMENT PLAN APPROVAL
GRADING PLAN	FINAL PLAT APPROVAL
EROSION CONTROL PLAN	X BUILDING PERMIT APPROVAL
ENCINEER'S CERTIFICATION	FOUNDATION PERMIT APPROVAL
Revised Drawing Plan showing drawing outfall across Let 2	CERTIFICATE OF OCCUPANCY APPROVAL
And agreement for same.	ROUGH GRADING PERMIT APPROVAL
DATE SUBMITTED: January 12, 1987	GRADING/PAVING PERMIT APPROVAL
BY: Frank O. Lovelody	OTHER(SPECIFY)
Frank D. Lovelady, P.E Rev. 11/84 103	



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

MAYOR

CHIEF ADMINISTRATIVE OFFICER DEPUTY CAO PUBLIC SERVICES DEPUTY CAO PLANNING/DEVELOPMENT

KEN SCHULTZ GENE ROMO

FRANK MARTINEZ

BILL MUELLER

June 10, 1988

Frank Lovelady, P.E. Lovelady & Associates 7408 Morrow Road, NE Albuquerque, New Mexico 87110

RE: GRADING/PAVING PLAN FOR LITTLE ANITA'S RESTAURANT

(J-21/D24) REVISION DATED JUNE 1, 1988

Dear Mr. Lovelady:

Based on the information provided on your resubmittal of June 6, 1988, the above referenced plan is approved for Grading/Paving Permit.

Please be advised that upon completion of said project, a field inspection must be requested from Rick Duran (the file number must be given when requesting inspection)..

If I can be of further assistance, please feel free to call me at 768-2650.

Cordially,

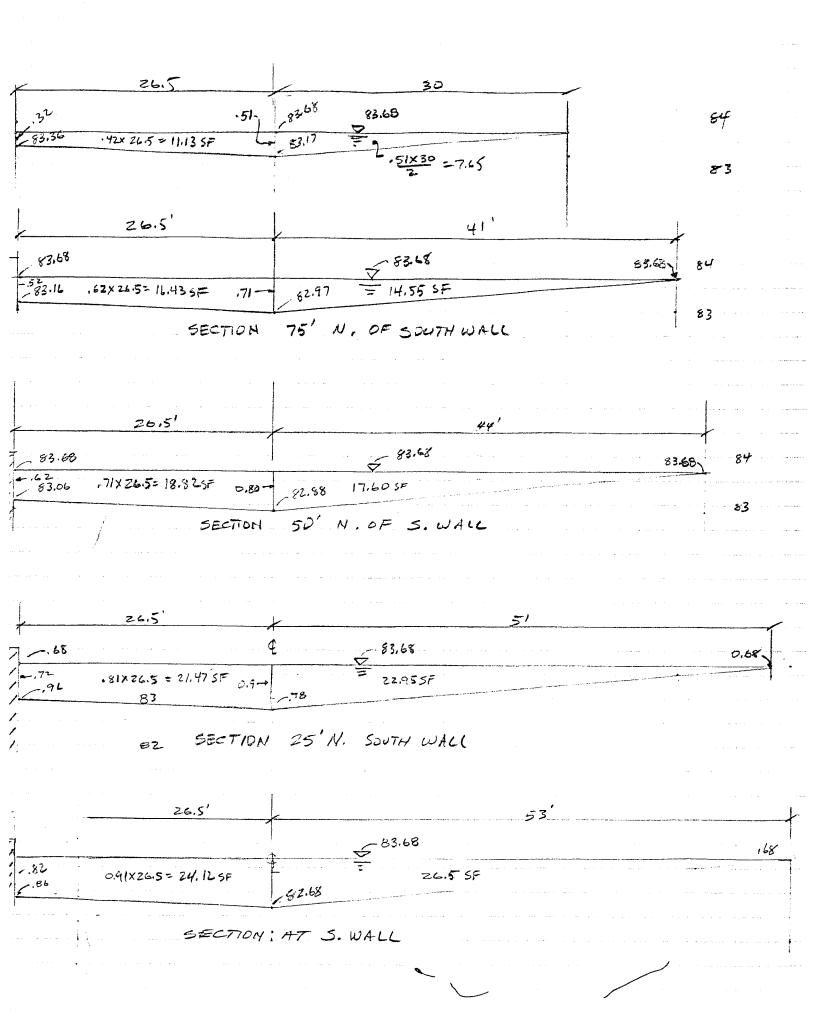
Bernie J. Montoya, C.E.

Engineering Assistant

BJM/bsj

SUMMARY OF REVISIONS

- 1. The adjacent property owner to the south has not granted the necessary drainage easement across his property to Mountain Road. Therefore, a sump pump system is required.
- 2. The grading of the westerly end of the lot had to be revised to make the parking lot as flat as possible to contain as much volume as could be reasonably contained at a minimum depth. An alley gutter was added to along the west edge of the existing pavement, the grade of which is now approximately 0.4%. Without the alley gutter, drainage of the asphalt would be very poor since placement of asphalt cannot be controlled to such a flat grade.
- 3. The volume of parking lot ponding was arbitrarily calculated by cross-sections for a depth of 1.0' above the catch basin grate. This volume was 3918 CF, the water surface being approximately 7950'. An additional depth of $1-\frac{1}{4}$ inches or 0.1' give the required 100-year flood volume in the event that the pumps did not work. The volume was recalculated for a HWL of 83.5'. This ponds 10 inches at the deepest point and ponds a volume of 2721 CF. This is approximately equivalent to the maximum ponding that would occure with both pumps operating.
- 4. A duplex pump system was selected which will discharge approximately 130 GPM per each of the two pumps, or 260 GPM when both pumps are operating. The total volumes of required storage and pumping were computed by the triangular hydrograph method. The pumping system selected is the low horsepower pump range. A larger system would result in an unrealistic increase in cost.
- 5. The catch basin will also serve as a grit chamber to prevent gravel from entering the sump.

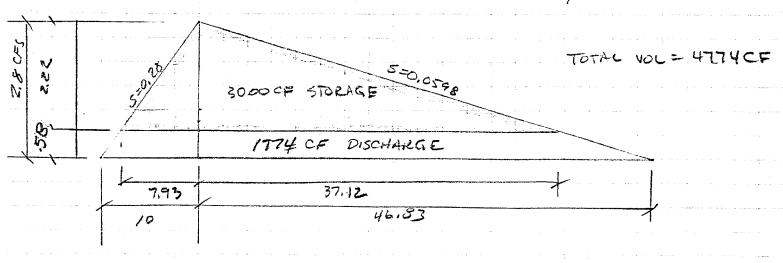


VOLUME CALCULATIONS: (1.0 FOOT MAX POND DEATH)

STA	CROSS -SECTIONAL	Ave. LIEA	Distance	quantity (CE)	
0100	50,62				
0+25	44.42	47.52	25	1188	
0+50	36,42	40.42	25	. 1011	
11 meet		33,70	25	843	
0475	30.48				
1+00	18.78	24.88	25	622	
·	The second of th	12.39	20	254	
1+20	6 (EST)		The state of the second of the		

TOTAL VOLUME A LO = 3918 CF

DURATION T = 2V/60Q = 2×4774/60×2,8= 56.83.



VOLUME	CZO CALE			10" POND	
STA.	ANEA	TOTAL	AVE A	ZEA DIST	Quantity (CF)
0+00 19.3			2.1.3	7. 2	
0+25 16.	70 15.84	32.54			- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
0+50 14.	05	25.52		93 ₁	
0+75 11.	53 10,86	27,39	23,9	6 35	599
1+00 6.2	23 2,97	9.20	15.8	25	395
			6.6	0 20	132
1+20	4.0 (EST)	7,D	was a second of the second of		en e

TOTAL VOL AT 10" = 2721 CF

Check - APPROX POND AREA = 100' x75' = 7500 SE

2" Deep = 0.17 x 7500 = 1275

+ 1275 3996 2 3918

