



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

July 28, 2000

Charles M. Easterling, P.E.
Easterling & Associates, Inc.
2600 American Road SE
Rio Rancho, New Mexico 87114

RE: *Engineer's Certification Plan for Zio's Italian Restaurant, Lot 12-A, Questa Del Rio, (B14/D7) Submitted for Certificate of Occupancy Approval, Engineer's Certification Stamp Dated 7/26/00.*

Dear Mr. Easterling:

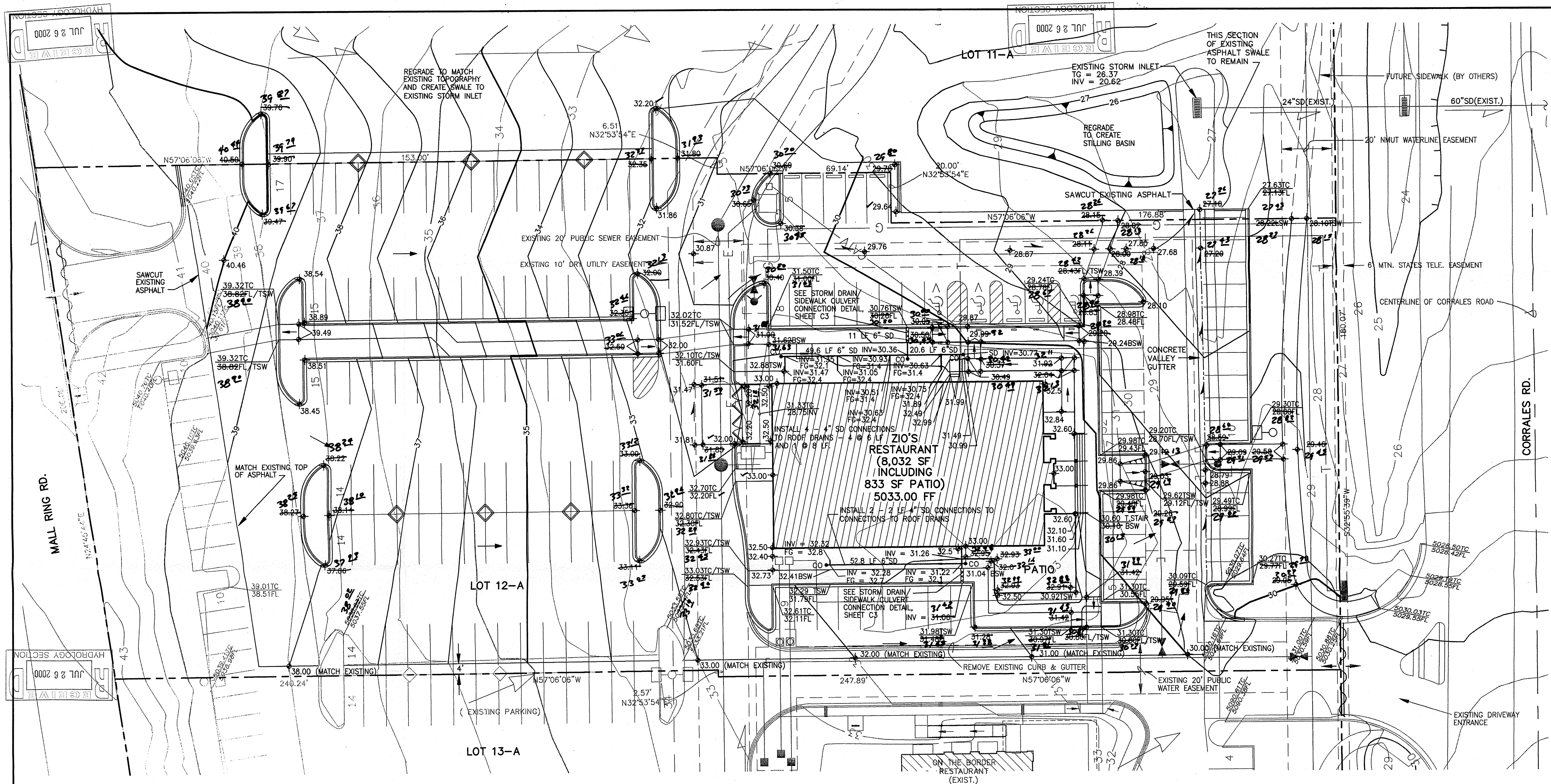
Based on the information provided, the above referenced Engineer's Certification is adequate for release of the permanent Certificate of Occupancy for the Zio's Restaurant located on Coors Boulevard NW.

If you have any questions, or if I may be of further assistance to you, please call me at 924-3982.

Sincerely,

Susan M. Calongne, P.E.
City/County Floodplain Administrator

c: Whitney Reiersen, City Hydrology
File



I, CHARLES M. EASTERLING P.E.
HEREBY CERTIFY THAT THIS DRAWING
AS REVISED REFLECTS THE CONSTRUCTION
AS ACCOMPLISHED BASED UPON INFORMATION
FURNISHED BY DAYNES CORP. SURVEYOR
AND FIELD OBSERVATION BY ME.

Charles M. Easterling
CHARLES M. EASTERLING
N.M.P.E. 6411
7-26-00
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
6411

BENCHMARK

NMSHTD BRASS CAP "N.M. 448-N12" ELEV. 5023.41
LOCATED 60' WEST OF Q OF COORS ROAD N.W.
APPROX. 550' SOUTH OF INTERSECTION WITH
CORRALES ROAD N.W. (S.R. 528)

LEGAL DESCRIPTION

LOT 12-A, QUESTA DEL RIO
ALBUQUERQUE, N.M.

LEGEND

DESCRIPTION	NEW	EXISTING
CONTOURS	499.4	499
SPOT ELEVATIONS	+08.80	X 07.3
APPROXIMATE DRAINAGE BASIN BOUNDARY		
DRAINAGE DIVIDE / WATER BLOCK		
DIRECTION OF RUNOFF		
FLOWLINE		
TOP OF GRATE ELEVATION	TO-XX.XX	
PROPERTY LINE		
STORM DRAIN M.H. & LINE	36"SD	36"SD
SLOPE SYMBOL	3:1	
STORM INLET		

DRAINAGE PLAN

EXISTING CONDITIONS

THE PROJECT SITE IS LOT 12-A, APPROXIMATELY 2.25 ACRES OF THE QUESTA DEL RIO SUBDIVISION. OVERALL DRAINAGE IS FROM THE WEST TO EAST WITH SOME FLOW ENTERING THE SITE FROM QUESTA DEL RIO LOTS 14-A AND 13-A TO THE SOUTH. OFF SITE FLOWS FROM THE WEST ARE BLOCKED BY MALL RING ROAD AND FROM THE EAST BY COORS BLVD. STORM WATER CONTROL. SITE RUNOFF ENTERS AN EXISTING STORM INLET AND IS CONVEYED BY A 60"RCP CULVERT UNDER COORS BOULEVARD TO AN EXISTING DETENTION POND ON TRACT 14, SEVEN BAR RANCH.

DEVELOPED CONDITIONS

IT IS PROPOSED TO DEVELOP THE SITE FOR COMMERCIAL USE IN ACCORDANCE WITH THE SEVEN BAR SECTOR DEVELOPMENT PLAN (APRIL 1985). THE SITE PLAN SHOWS A SINGLE RESTAURANT AND PARKING FACILITIES. THE OVERALL SITE GRADING AND DRAINAGE CONFORMS TO THE PREVIOUSLY APPROVED GRADING AND DRAINAGE PLANS FOR QUESTA DEL RIO (B14/D7, ENGINEER'S STAMP DATED 4/10/95) WITH SHEET C2 DATED 5/16/95, APPROVED 6/27/95 AND ZIO'S ITALIAN RESTAURANT (B14/D7, ENGINEER'S STAMP DATED 10/5/99 REVISION 3). MINOR CHANGES HAVE BEEN MADE TO THE BUILDING FOOTPRINT TO ACCOMMODATE SPECIFIC ZIO'S RESTAURANT DESIGN. THE QUESTA DEL RIO SITE PLAN FOR SUBDIVISION PRESENTED AN IMPERVIOUS AREA FOR LOT 12-A OF 81%; THE ZIO'S SITE PLAN PROPOSES AN IMPERVIOUS AREA OF 79%.

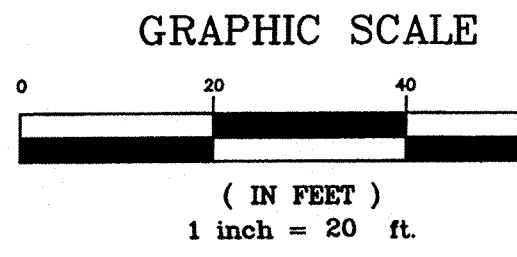
THESE MINOR CHANGES TO THE BUILDING FOOTPRINT WILL PRESENT NO MATERIAL EFFECT ON LAND TREATMENT PERCENTAGES OR RUNOFF RATES AND VOLUMES FOR HYDROLOGIC CALCULATIONS AND THEREFORE, NO HYDROLOGIC CALCULATIONS ARE SUBMITTED WITH THIS PLAN. PLEASE SEE THE PREVIOUSLY SUBMITTED MASTER GRADING AND DRAINAGE PLAN FOR QUESTA DEL RIO (B14/D9).

EROSION CONTROL MEASURES

1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AT THE PROPERTY LINES AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURTHER LOCAL EROSION CONTROL MEASURES DURING CONSTRUCTION.
3. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
4. THE CONTRACTOR SHALL REVEGETATE ALL DISTURBED AREAS PER COA STANDARD SPECIFICATIONS.

SITEWORK, GRADING AND DRAINAGE GENERAL NOTES

1. ALL WORK DETAILED ON SHEETS SP1, SP2, C1, C2, C3 AND C4 EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1988, INCLUDING UPDATE #6, JULY 1995, EXCEPT GENERAL CONDITIONS (CALL 768-3850). EARTHWORK SHALL CONFORM TO THE PROCEDURES & SPECIFICATIONS INDICATED IN THE SITE GEOTECHNICAL EVALUATION, WESTERN TECHNOLOGIES INC. 6/25/99. (CALL (505) 823-4488) THE CONTRACTOR SHALL OBTAIN COPIES OF BOTH DOCUMENTS, AND SHALL KEEP A COPY OF EACH AT THE CONSTRUCTION SITE AT ALL TIMES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURTHER LOCAL EROSION CONTROL MEASURES DURING CONSTRUCTION.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
4. MAINTENANCE OF ON-SITE DRAINAGE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER. IN PARTICULAR, SIDEWALK CULVERTS MUST BE REGULARLY INSPECTED AND OBSTRUCTIONS REMOVED.
5. ALL UTILITIES, UTILITY SERVICE LINES AND BURIED PIPES SHALL BE INSTALLED PRIOR TO LANDSCAPING & SIDEWALK CONSTRUCTION.
6. DISPOSAL OF ALL WASTE MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
7. CONSTRUCTION SAFETY: THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN ENTIRELY THE CONTRACTOR'S RESPONSIBILITY.
8. THE DETAILED DESIGN OF PLANTERS AND LANDSCAPED AREAS IS NOT PART OF THIS PLAN. ALL PLANTERS AND LANDSCAPED AREAS ADJACENT TO THE BUILDING SHALL BE PROVIDED WITH POSITIVE DRAINAGE TO AVOID ANY PONDING ADJACENT TO STRUCTURES. FOR CONSTRUCTION DETAILS, REFER TO LANDSCAPING PLAN.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION ACCESS CONTROL TO THE SITE DURING CONSTRUCTION. THE CONTRACTOR SHALL EXERCISE CARE SO AS NOT TO DISTURB OR DAMAGE EXISTING IMPROVEMENTS DURING CONSTRUCTION.
10. A CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN NMSHTD RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.



NO.	REVISIONS	BY	DATE

**QUESTA DEL RIO
ZIO'S ITALIAN RESTAURANT
GRADING AND DRAINAGE PLAN**

Easterling & Associates, Inc.
CONSULTING ENGINEERS
2600 The American Rd., SE, Suite 100
Rio Rancho, New Mexico 87124
(505) 898-8021 FAX (505) 898-8501

DESIGNED BY: JML
DWG: JML
CHECKED BY: JML
DATE: 10/99

SHEET
5070
C1