

# CITY OF ALBUQUERQUE



Richard J. Berry, Mayor

March 31, 2017

Donald Duneman  
Wilson & Co.  
4900 Lang Ave, NE  
Albuquerque, NM 87109

RE: **Bueno Foods Chili Enclosure**  
**1901/2001 4<sup>th</sup> St SW**  
**Grading Plan Engineer Stamp Date: 3/17/17**  
**Hydrology File: L14D001**

Dear Mr. Duneman:

Based upon the information provided in your submittal received 3/28/17, the Grading Plan is approved for Foundation Permit with the following recommendation:

1. Provide a cross-slope at least 0.5% to the west to ensure drainage away from the existing structure.

If you have any questions, please contact me at 924-3695 or [dpeterson@cabq.gov](mailto:dpeterson@cabq.gov).

Sincerely,

Dana Peterson, P.E.  
Senior Engineer, Planning Dept.  
Development Review Services



# City of Albuquerque

Planning Department  
Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09 2015)

**Project Title:** Bueno Foods-Chili Enclosure **Building Permit #:** \_\_\_\_\_ **City Drainage #:** \_\_\_\_\_  
**DRB#:** \_\_\_\_\_ **EPC#:** \_\_\_\_\_ **Work Order#:** \_\_\_\_\_  
**Legal Description:** \_\_\_\_\_  
**City Address:** 2001 4th Street, SW Albuquerque, NM 87102

**Engineering Firm:** Wilson & Company Engineers and Architects **Contact:** Donald Duneman  
**Address:** 4900 Lang Ave, NE Albuquerque, NM 87109  
**Phone#:** 505-948-5125 **Fax#:** \_\_\_\_\_ **E-mail:** donald.duneman@wilsonco.com

**Owner:** Bueno Foods **Contact:** Ray Alderete  
**Address:** 2001 4th Street, SW Albuquerque, NM 87102  
**Phone#:** 505-243-2722 **Fax#:** \_\_\_\_\_ **E-mail:** aray@buenofoods.com

**Architect:** \_\_\_\_\_ **Contact:** \_\_\_\_\_  
**Address:** \_\_\_\_\_  
**Phone#:** \_\_\_\_\_ **Fax#:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_

**Other Contact:** \_\_\_\_\_ **Contact:** \_\_\_\_\_  
**Address:** \_\_\_\_\_  
**Phone#:** \_\_\_\_\_ **Fax#:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_

Check all that Apply:

### DEPARTMENT:

- ☒ HYDROLOGY/ DRAINAGE  
☐ TRAFFIC/ TRANSPORTATION  
☐ MS4/ EROSION & SEDIMENT CONTROL

### TYPE OF SUBMITTAL:

- ☐ ENGINEER/ ARCHITECT CERTIFICATION  
☐ CONCEPTUAL G & D PLAN  
☒ GRADING PLAN  
☐ DRAINAGE MASTER PLAN  
☐ DRAINAGE REPORT  
☐ CLOMR/LOMR  
  
☐ TRAFFIC CIRCULATION LAYOUT (TCL)  
☐ TRAFFIC IMPACT STUDY (TIS)  
☐ EROSION & SEDIMENT CONTROL PLAN (ESC)  
  
☐ OTHER (SPECIFY) \_\_\_\_\_



### CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☐ BUILDING PERMIT APPROVAL  
☐ CERTIFICATE OF OCCUPANCY  
  
☐ PRELIMINARY PLAT APPROVAL  
☐ SITE PLAN FOR SUB'D APPROVAL  
☐ SITE PLAN FOR BLDG. PERMIT APPROVAL  
☐ FINAL PLAT APPROVAL  
☐ SIA/ RELEASE OF FINANCIAL GUARANTEE  
☒ FOUNDATION PERMIT APPROVAL  
☐ GRADING PERMIT APPROVAL  
☐ SO-19 APPROVAL  
☐ PAVING PERMIT APPROVAL  
☐ GRADING/ PAD CERTIFICATION  
☐ WORK ORDER APPROVAL  
☐ CLOMR/LOMR  
  
☐ PRE-DESIGN MEETING  
☐ OTHER (SPECIFY) \_\_\_\_\_

IS THIS A RESUBMITTAL?: ☐ Yes ☒ No

DATE SUBMITTED: March 27, 2017 By: Donnie Duneman

COA STAFF: \_\_\_\_\_ ELECTRONIC SUBMITTAL RECEIVED: \_\_\_\_\_



CURVE TABLE						
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD	BEARING
C1	13.09'	8.00'	93° 44' 19"	8.54'	11.68'	S43° 22' 37"E
C2	87.62'	56.00'	89° 38' 57"	55.66'	78.95'	N41° 19' 58"W
C3	139.31'	58.00'	137° 36' 50"	149.59'	108.15'	S25° 02' 09"W
C4	57.13'	25.00'	130° 56' 31"	54.78'	45.49'	N68° 57' 47"E
C5	71.98'	46.00'	89° 38' 57"	45.72'	64.85'	N41° 19' 58"W
C6	41.44'	25.00'	94° 58' 05"	27.27'	36.85'	S46° 21' 31"W
C7	54.29'	70.00'	44° 26' 26"	28.60'	52.94'	S23° 20' 44"E

LINE TABLE		
LINE	LENGTH	BEARING
L1	95.32'	N03° 29' 31"E
L2	27.96'	N86° 09' 26"W
L3	95.78'	S45° 33' 58"E
L4	33.87'	N03° 29' 31"E
L5	8.62'	N86° 09' 26"W
L6	13.27'	S01° 07' 31"E
L7	17.28'	S45° 33' 58"E
L8	1.02'	N89° 45' 16"E

**EXISTING CONDITIONS:**  
BUENO FOODS CHILI PROCESSING FACILITY IS LOCATED AT 2001 4TH STREET, SW. TRACT A-1 INCLUDES PAVED AND UNPAVED AREAS. GENERATED RUNOFF SHEET FLOW INTO AN EXISTING DETENTION POND LOCATED ALONG THE NORTH EDGE OF THE PROPERTY. THE POND INCLUDES A STANDPIPE WITH AN 18" RCP WHICH DISCHARGES 0.5 CFS INTO AN AREA INLET IN 4TH STREET. RUNOFF FROM TRACT A-2 DRAINS INTO A DETENTION POND LOCATED IN THE SOUTHWEST CORNER OF THE SITE. AN EXISTING AREA INLET CAPTURES RUNOFF FROM THE PAVED AREA AND A 24" RCP CONVEYS FLOWS FROM THE INLET INTO THE SOUTH POND. PER A LICENSE AGREEMENT WITH MRGD DATED APRIL 08, 1985, A SUMP PUMP WITH A 4" PIPE DISCHARGES DETAINED FLOWS FROM THE POND INTO THE ALBUQUERQUE RIVERSIDE DRAIN LOCATED ALONG THE WEST EDGE OF THE PROPERTY.

**DEVELOPED CONDITIONS**  
THE PROPOSED IMPROVEMENTS INCLUDE REMOVAL OF THE EXISTING PAVED PARKING AND CONSTRUCTION OF APPROXIMATELY 6,770 SF OF A NEW ENCLOSURE. THE IMPROVEMENTS ALSO INCLUDES CONSTRUCTION OF A GRAVEL TRUCK TURNING AREA. SINCE THE ORIGINAL CALCULATIONS FOR TRACT A-1 POND INCLUDED PAVED PARKING LOT, NO ADDITIONAL RUNOFF WILL BE GENERATED WITH THE GRAVEL TRUCK TURNING AREA AND THEREFORE NO CHANGES ARE MADE TO THE POND. RUNOFF WILL NOT INCREASE WITH THE NEW BUILDING EXTENSION SINCE THE IMPERVIOUS AREA WILL BE THE SAME AS IN THE CURRENT CONDITIONS WITH EXISTING PAVED AREA. THE EXISTING HEADWALL LOCATED BETWEEN THE TRACTS A-1 AND A-2 WILL BE REMOVED SINCE IT IS LOCATED IN A HIGH POINT AND NO RUNOFF SHEET FLOWS INTO THE EXISTING DEPRESSION AREA. TRACT A-2 POND STORAGE CAPACITY WILL BE INCREASED TO ACCOMMODATE FOR THE FIRST FLUSH VOLUME BY TOTAL VOLUME OF 192 CF. THIS VOLUME WAS CALCULATED BASED ON THE RAINFALL DEPTH OF 0.34 INCH (90TH PERCENTILE STORM EVENT) AND 6,770 SF OF NEW IMPROVEMENTS.

GENERAL SHEET NOTES

- ALL UTILITIES AND TOPOGRAPHICAL FEATURES ARE APPROXIMATE BASED ON FIELD SURVEY AND AS BUILT DRAWINGS. ACTUAL LOCATIONS AND LAYOUT CONTROL POINTS SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
- WORK IN THE TRUCK TURNING ACCESS AREA IS NOT PART OF FOUNDATION CONSTRUCTION PACKAGE.



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CONSULTANTS



4900 LANG AVENUE NE  
ALBUQUERQUE, NM 87109  
PHONE: (505) 348-4000

Architect

Engineer



BUENO FOODS - CHILE ENCLOSURE

2001 4TH St SW  
Albuquerque, NM 87102

KEYNOTES

- CONSTRUCT 1,276 SY OF 6" GRAVEL BASE COURSE ROAD PER DETAIL ON SHEET C-501.
- CONSTRUCT ASPHALT CONCRETE PAVEMENT PER DETAIL ON SHEET C-501.
- MATCH EXISTING ASPHALT GRADE.
- CONCRETE SLAB. SEE STRUCTURAL PLANS FOR DETAILS.
- EXISTING RCP STORM DRAIN PIPE, S = 0.3%, INV EL. (N) = 4939.00, INV EL. (S) = 4937.87

LEGEND

- |    |                           |
|----|---------------------------|
|    | CONCRETE PAVEMENT         |
|    | ASPHALT CONCRETE PAVEMENT |
|    | GRAVEL BASE COURSE        |
| FG | FINISHED GRADE            |
| EX | EXISTING GRADE            |
| ME | MATCH EXISTING GRADE      |



A1 SITE & GRADING PLAN

