

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.

2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.

4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. 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. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.

7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

AHYMO INPUT FILE

ZONE 2 * (100-YEAR, 6 HOUR, STORM)

START RAINFALL

TYPE=1 RAIN QUARTER=0.0 IN RAIN ONE=2.01 IN RAIN SIX=2.35 IN RAIN DAY=2.75 IN DT=0.03333 HR

* UNDER EXISTING CONDITIONS
COMPUTE NM HYD
ID=1 HYD NO=101.0 AREA=0.000888 SQ MI
PER A=0.00 PER B=18.00 PER C=23.00 PER D=59.00 TP=0.1333 HR MASS RAINFALL=-1

* PROPOSED CONDITIONS
COMPUTE NM HYD ID=1 HYD NO=101.0 AREA=0.000888 SQ MI
PER A=0.00 PER B=10.00 PER C=0.00 PER D=90.00

FINISH

AHYMO SUMMERY OUTPUT FILE

AHYMO SUMMARY TABLE (AHYMO194)-AMAFCA Hydrologic Model-January,1994 RUN DATE (MON/DAY/YR) =06/10/1998 INPUT FILE = BURRITO

COMMAND	HYDROGRAPH IDENTIFICATION	 TO ID NO.	2	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	TIME TO RUNOFF (INCHES)	CFS PEAK (HOURS)		PAGE =	
	TYPE= 1 NM HYD 101.00 NM HYD 101.00		0.00089 0.00089	2.23 2.55	0.078 0.094	1.64085 1.98165	1.500 1.500	3.929 4.490	TIME= RAIN6= PER IMP= PER IMP=	

ROUGH GRADING APPROVAL

BENCHMARK

ACS "NM47-13" CENTRAL STATION DATA NM STATE PLANE COORDINATES CENTRAL ZONE X-382262.47 Y=1495630.34 G-G-0.99967825 Δ =-00'13'35" ELEV=4968.392 LOCATED AT THE CENTER OF 2ND ST. AND MENAUL BLVD.

O KEY NOTES

- INSTALL GUTTER SYSTEM FROM NE CORNER TO NW CORNER OF THE BUILDING.
- 2. INSTALL GUTTER SYSTEM FROM SE CORNEI

Existing Drainage Conditions

The proposed addition will be over an existing unpaved area. The runoff from the entire site, at a flow rate of 2.23 cfs. drains east (+/- 50%) and west (+/- 50%) to 4th and 5th street. No offsite runoff enters this site. According FIRM map number 35001C0332 D the site does not fall within a 100-year flood plain. The site falls within a 500-year flood

Proposed Conditions and On-Site Drainage Management Plan

The drainage pattern will remain the same. The finished floor elevation of the new addition will be set as the building to the south. The proposed flow rate is 2.55 cfs. The increase in flow rate is only 0.32 cfs. This increase in the flow rate is very minimal and will not have any impact on the storm sewer structures down stream.

Calculations

EROSION CONTROL PLAN
AND POLLUTION PREVENTION NOTES

OF EXISTING RIGHT-OF-WAY.

CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.

2. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT OUT

3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL STORM RUN OFF

4. REPAIR OF DAMAGED FACILITIES AND CLEAN-UP OF SEDIMENT ACCUMULATION ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.

5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY

City of Albuquerque, Development Process Manual, Section 22.2, Hydrology Section, revised January, 1993, was used for the runoff calculations. A treatment of B=10.00% cfs, D=90.00% was used for on site proposed conditions. A treatment of B=10.00% cfs, D=90.00% was used for on site existing conditions. The site falls under under Zone 2 according to figure A page 2.

MCINITY MAP:

LEGAL DESCRIPTION:

LOTS 7, 8, 23, 24, 25, 26, BLOCK 4, UNIT 2, WHITE CITY ADDITION

1. ALL SPOT ELEVATIONS PRESENT THE FLOWLINE ELEVATION UNLESS. OTHERWISE NOTED.

2. ADD 4900 TO ALL THE PROPOSED SPOT ELEVATIONS. 3. THE OWNER OF THIS PROPERTY IS IN PROCESS OF REPLATING THE LOTS INTO ONE LOT TO PPREVENT THE CROSS LOT DRAINGE PROBLEM.

PROJECT DATA:

PROJECT DESCRIPTION: NEW BUILDING ADDITION TO ALBUQUERQUE TORTILLA COMPANY. PROJECT ADDRESS: 2701 4TH. STREET, NW TOTAL ADDITION: 3,200 S.F.

LEGEND

EXISTING FENCE ----- EXISTING POWER LINES ---- BOUNDARY LINE

EASEMENT PROPOSED SIDEWALK

x 4953.70 × 5095.52 (0)

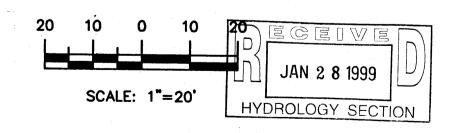
x-64.33

PROPOSED GRADE EXISTING GRADE EXISTING MANHOLE

AS- Build Grade



GRAPHIC SCALE



BY SH.B

DATE

7-2-98

9815GRR1.DWG

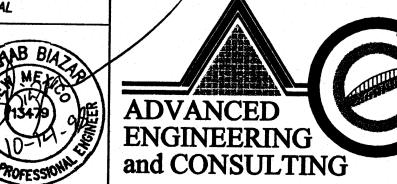
SHEET #

JOB #

9815

ALBUQUERQUE TORTILLA COMPANY GRADING AND DRAINAGE PLAN

ENGINEER'S

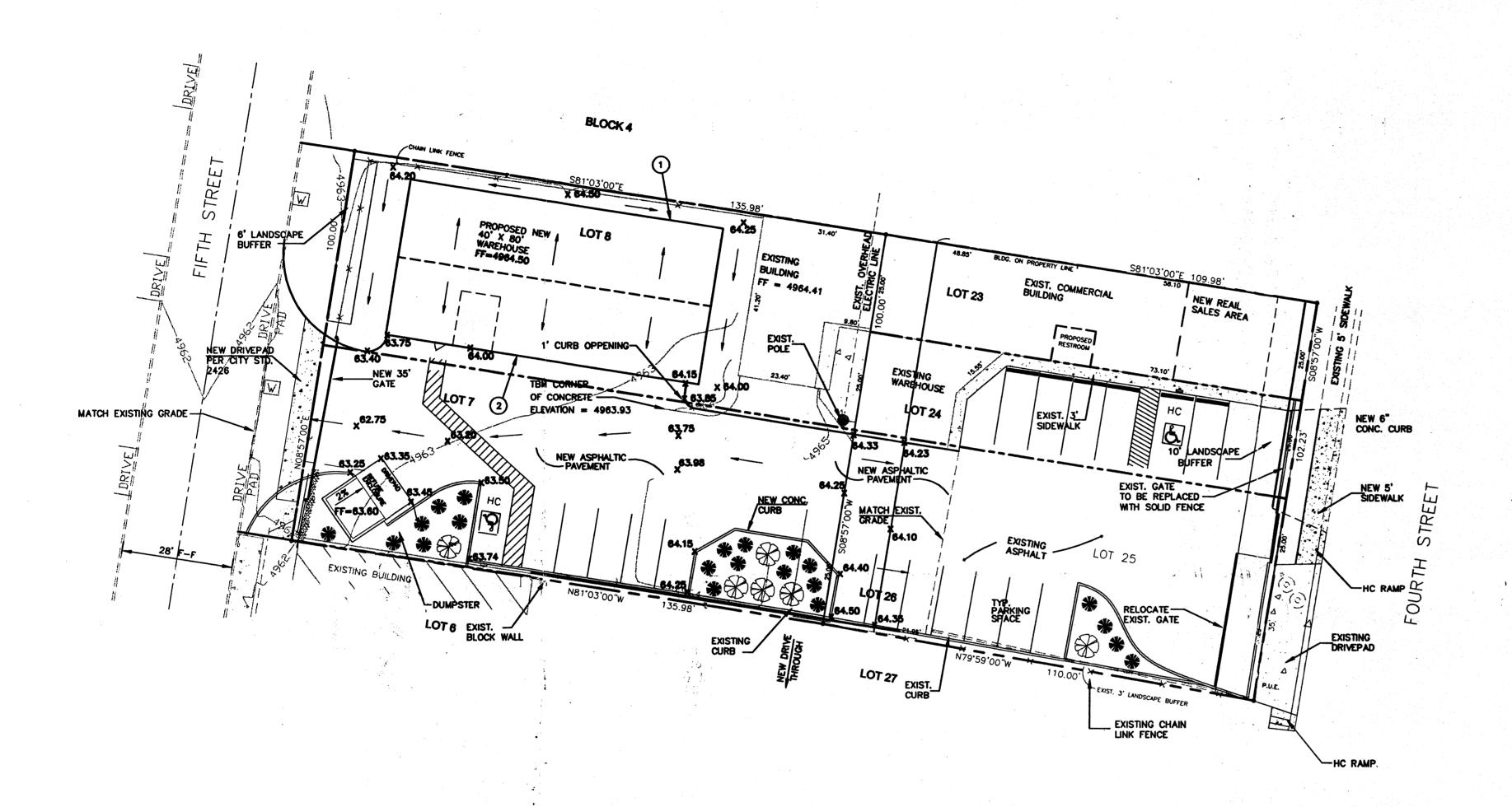


10209 SNOWFLAKE CT., NW

ALBUQUERQUE, NEW MEXICO 87114 (505)899-5570

20/9841/9815GRR1.DWG/SH.B/10-14-98

SHAHAB BIAZAR P.E. #13479



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5. BACKFILL COMPACTION SHALL BE ACCORDING TO RESIDENTIAL STREET USE. 6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.

7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

AHYMO INPUT FILE

ZONE 2 * (100-YEAR, 6 HOUR, STORM)

START

TYPE=1 RAIN QUARTER=0.0 IN RAIN ONE=2.01 IN RAIN SIX=2.35 IN RAIN DAY=2.75 IN DT=0.03333 HR

* UNDER EXISTING CONDITIONS COMPUTE NM HYD ID=1 HYD

ID=1 HYD NO=101.0 AREA=0.000888 SQ MI PER A=0.00 PER B=18.00 PER C=23.00 PER D=59.00 TP=0.1333 HR MASS RAINFALL=-1

* PROPOSED CONDITIONS COMPUTE NM HYD ID=1 HYD NO=101.0 AREA=0.000888 SQ MI PER A=0.00 PER B=10.00 PER C=0.00 PER D=90.00

TP=0.1333 HR MASS RAINFALL=-1

FINISH

RAINFALL

AHYMO SUMMERY OUTPUT FILE

AHYMO SUMMARY TABLE (AHYMO194)-AMAFCA Hydrologic Model-January, 1994 RUN DATE (MON/DAY/YR) =06/10/1998 INPUT FILE = BURRITO

COMMAND	HYDROGRAPI IDENTIFICATION	 ID	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	TIME TO RUNOFF (INCHES)	CFS PEAK (HOURS)		PAGE =	
	TYPE= 1 NM HYD 101.0 NM HYD 101.0	_	0.00089	2.23 2.55	0.078 0.094			3.929 4.490	TIME= RAIN6= PER IMP= PER IMP=	

ROUGH GRADING APPROVAL

BENCHMARK

ACS "NM47-13"
CENTRAL STATION DATA NM STATE PLANE COORDINATES CENTRAL ZONE X=382262.47 Y=1495630.34 G-G=0.99967825 $\Delta = -00^{\circ}13'35''$ ELEV=4968.392 LOCATED AT THE CENTER OF 2ND ST. AND MENAUL BLVD.

O KEY NOTES

- INSTALL GUTTER SYSTEM FROM NE CORNER TO NW CORNER OF THE BUILDING.
- TO SW CORNER OF THE BUILDING.

The purpose of this plan is to present a grading and drainage plan for building permit approval for the proposed addition.

Existing Drainage Conditions

The proposed addition will be over an existing unpaved area. The runoff from the entire site, at a flow rate of 2.23 cfs, drains east (+/-50%) and west (+/-50%) to 4th and 5th street. No offsite runoff enters this site. According FIRM map number 35001C0332 D the site does not fall within a 100-year flood plain. The site falls within a 500-year flood

Proposed Conditions and On-Site Drainage Management Plan

The drainage pattern will remain the same. The finished floor elevation of the new addition will be set as the building to the south. The proposed flow rate is 2.55 cfs. The increase in flow rate is only 0.32 cfs. This increase in the flow rate is very minimal and will not have any impact on the storm sewer structures down stream.

<u>Calculations</u>

AND POLLUTION PREVENTION NOTES

IS THE RESPONSIBILITY OF THE CONTRACTOR.

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.

2. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT OUT

4. REPAIR OF DAMAGED FACILITIES AND CLEAN-UP OF SEDIMENT

5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND

AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY

3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL STORM RUN OFF

ACCUMULATION ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES

EROSION CONTROL PLAN

OF EXISTING RIGHT-OF-WAY.

ON SITE.

City of Albuquerque, Development Process Manual, Section 22.2, Hydrology Section, revised January, 1993, was used for the runoff calculations. A treatment of B=10.00% cfs, D=90.00% was used for on site proposed conditions. A treatment of B=10.00% cfs, D=90.00% was used for on site existing conditions. The site falls under under Zone 2 according to figure A page 2.

20/9841/9815GRR1.DWG/SH.B/10-14-98

VICINITY MAP:

LEGAL DESCRIPTION:

DATE

LOTS 7, 8, 23, 24, 25, 26, BLOCK 4, UNIT 2, WHITE CITY ADDITION

NOTES: 1. ALL SPOT ELEVATIONS PRESENT THE FLOWLINE ELEVATION UNLESS. OTHERWISE NOTED.

- 2. ADD 4900 TO ALL THE PROPOSED SPOT ELEVATIONS.
- 3. THE OWNER OF THIS PROPERTY IS IN PROCESS OF REPLATING THE LOTS INTO ONE LOT TO PPREVENT THE CROSS LOT DRAINGE PROBLEM.

PROJECT DATA:

TOTAL ADDITION: 3,200 S.F.

PROJECT DESCRIPTION: NEW BUILDING ADDITION TO ALBUQUERQUE TORTILLA COMPANY. PROJECT ADDRESS: 2701 4TH. STREET, NW

× 5095.52

(0)

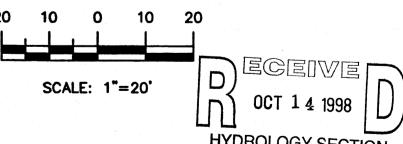
LEGEND ----- EXISTING POWER LINES EXISTING CURB & GUTTER ----- BOUNDARY LINE ---- EASEMENT PROPOSED SIDEWALK PROPOSED GRADE

EXISTING GRADE

EXISTING MANHOLE



GRAPHIC SCALE



ALBUQUERQUE TORTILLA COMPANY GRADING AND DRAINAGE PLAN

SEAL

ENGINEER'S

and CONSULTING

10209 SNOWFLAKE CT., NW

ALBUQUERQUE, NEW MEXICO 87114 (505)899-5570

SHAHAB BIAZAR P.E. #13479

JOB # 9815

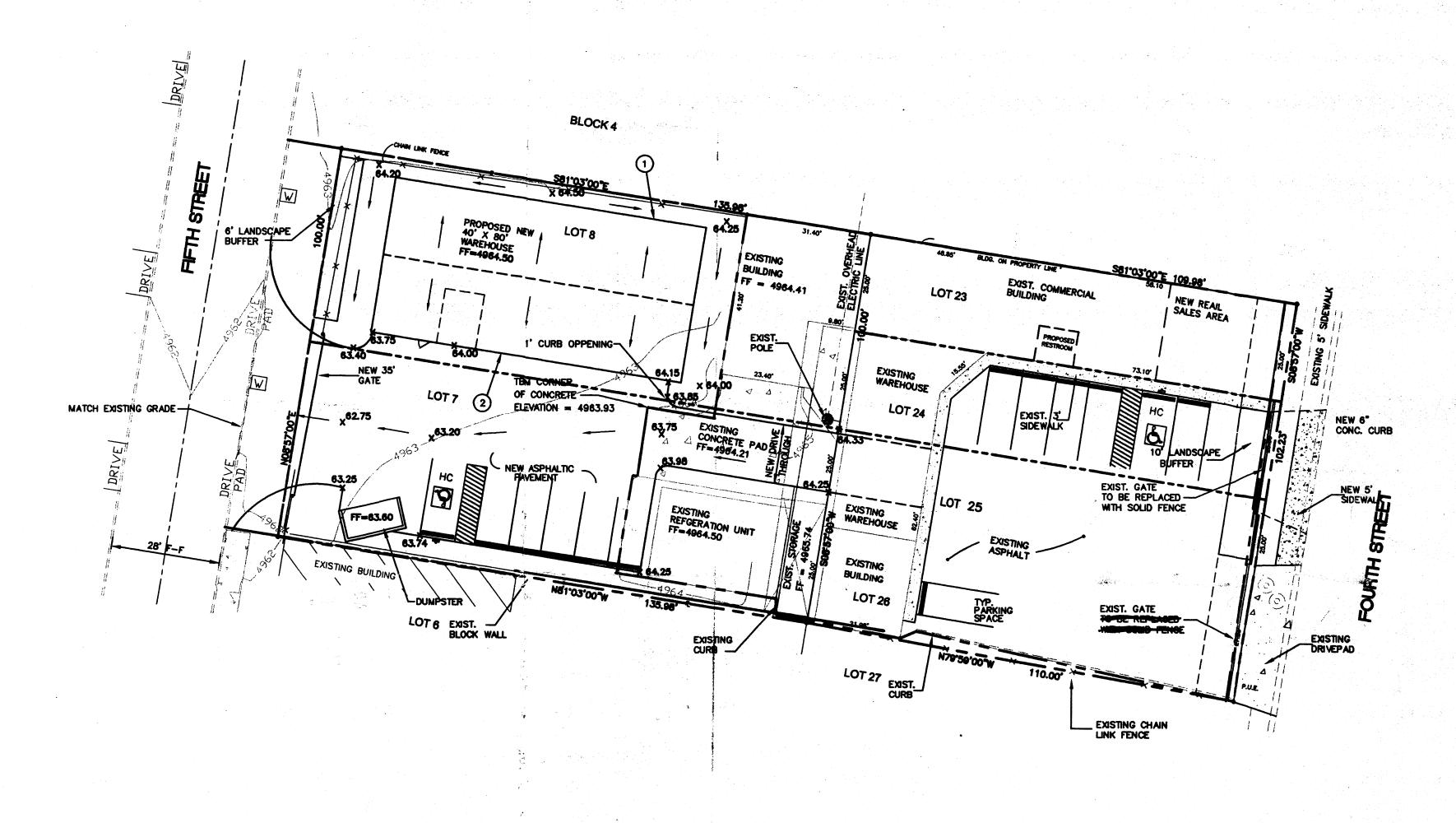
BY SH.B

DATE

7-2-98

9815GRR1.DWG

SHEET #



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AHYMO INPUT FILE

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START RAINFALL TYPE=1 RAIN QUARTER=0.0 IN

RAIN ONE=2.01 IN RAIN SIX=2.35 IN RAIN DAY=2.75 IN DT=0.03333 HR * UNDER EXISTING CONDITIONS

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START RAINFALL COMPUTE COMPUTE TINISH	TYPE= 1 NM HYD 101.00 NM HYD 101.00	1	0.00089 0.00089	2.23 2.55	0.078 0.094			3.929 4.490	TIME= RAIN6= PER IMP= PER IMP=	

ROUGH GRADING APPROVAL

BENCHMARK

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O KEY NOTES

- 1. INSTALL GUTTER SYSTEM FROM NE CORNER TO NW CORNER OF THE BUILDING.
- 2. INSTALL GUTTER SYSTEM FROM SE CORNER TO SW CORNER OF THE BUILDING.

The site is the existing Tortilla Company and it is located on the east side of 5th street and approximately 200' north of Menaul Boulevard. See vicinity map for location.

The purpose of this plan is to present a grading and drainage plan for building permit approval for the proposed addition.

Existing Drainage Conditions

The proposed addition will be over an existing unpaved area. The runoff from the entire site, at a flow rate of 2.23 cfs, drains east (+/-50%) and west (+/-50%) to 4th and 5th street. No offsite runoff enters this site. According FIRM map number 35001C0332 D the site does not fall within a 100-year flood plain. The site falls within a 500-year flood

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Calculations

EROSION CONTROL PLAN

OF EXISTING RIGHT-OF-WAY.

ON SITE.

AND POLLUTION PREVENTION NOTES

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2. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT OUT

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YCNTY MAP

LEGAL DESCRIPTION

LOTS 7, 8, 23, 24, 25, 26, BLOCK 4, UNIT 2, WHITE CITY ADDITION

NOTES:

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LEGEND

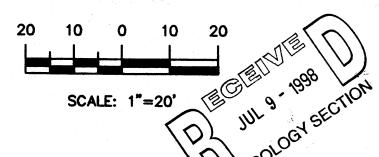
EXISTING FENCE ----- EXISTING POWER LINES EXISTING CURB & GUTTER ---- BOUNDARY LINE ----- EASEMENT PROPOSED SIDEWALK

× 5095.52

EXISTING GRADE EXISTING MANHOLE

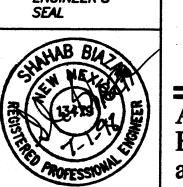


GRAPHIC SCALE



ALBUQUERQUE TORTILLA & MPANY **GRADING AND DRAINAGE PLAN**

ENGINEER'S



ADVANCED ENGINEERING and CONSULTING

SHEET #

10209 SNOWFLAKE CT., NW ALBUQUERQUE, NEW MEXICO 87114 (505)899-5570

20/9841/9815GR.DWG/SH.B/7-6-98

SHAHAB BIAZAR P.E. #13479

JOB # 9841

BY SH.B

DATE

7-2-98

9815GR.DWG