



PER SECTION 22.2 OF THE DEVELOPMENT PROCESS MANUAL.

## DESIGN CONDITIONS

DISCHARGE RATE Qpeak X AREA (ACRE)	TREATMENT	AREA	Qpeak CFS	'E'	RUNOFF VOLUME ACFT	THE NOR
VOLUME DISCHARGE Eweighted X AREA (ACRE)	A					FRE HAV THA DEV BE
P100 = 2.60" [1.19] ZONE 3	B	.023AC	.060 [ .027]	.132"	.000253	
TIME OF CONCENTRATION = 10 MINUTES	C	.020AC	.069 [ .04]	.161"	.000268	
DESIGN STORM - 100YR / 6HR	D	.117AC	.587 [ .40]	1.725"	.016819	
		.16AC	.716 [ .47]	2.02"	.01734 =	755 CUFT

THE SITE HISTORICALLY AND AS DEVELOPED WILL OUT FALL RUN OFF TO THE NORTH INTO COCHITI STREET.

FREE DISCHARGE IS ACCEPTABLE SINCE DOWNSTREAM DRAINAGE FACILITIES HAVE SUFFICIENT CAPACITY. THE PROJECT TIME TO PEAK IS MUCH LESS THAN OVERALL BASIN TIME TO PEAK AND ANY INCREASE DUE TO DEVELOPMENT IS NEGLIGIBLE. A PORTION OF THE DEVELOPED RUN OFF WILL BE ROUTED TO AND OR THROUGH REQUIRED LANDSCAPING.

## EXISTING CONDITIONS

LOT AREA = .16 ACRE

EXCESS PRECIPITATION AT 100% C = 1.29" [0.62]

PEAK DISCHARGE Q100=.552 CFS

TRETEMENT C PEAK DISCHARGE = 3.45 [2.00] CFS/AC

$$0.0172 \text{ ACFT} = 749 \text{ CUFT}$$
$$E_{100} = 1.29''$$

## GENERAL NOTES

1. THE BUILDING IS A WAREHOUSE AND MAY HAVE ONE OFFICE.
2. THE SITE IS FLAT WITH APPROX. 2% SLOPE HEADING WEST-NORTHWEST. THIS SITE SHOULD NOT BE AFFECTED BY THE SURROUNDING PROPERTIES. THE TWO LOTS TO THE EAST WILL BE BUILT OUT TO MATCH THIS SITE. THE PROPERTY FARTHER EAST IS ALREADY BUILT AND WILL RETAIN FLOW ON THE PROPERTY WITH OVERFLOW GOING INTO COCHITI STREET.
3. THERE WILL BE NO CURBING ON THE PROPERTY.
4. LANDSCAPING AREAS SHALL BE COVERED WITH 25 MIL MINIMUM THICKNESS FABRIC WEED BARRIER AND 2" BARK MULCH.
5. REFERENCE THE CITY OF ALBUQUERQUE STANDARD DRAWING #2430 FOR SIDEWALK CONSTRUCTION.

## FLOOD ZONE INFORMATION

FLOOD\_ZONE: X

FEMA MAP #35001C0359F, BERNALILLO COUNTY / UNINC & INC AREAS,  
11/19/2003

AREAS OUTSIDE THE 1% ANNUAL CHANCE FLOODPLAIN, AREAS OF 1% ANNUAL CHANCE SHEET FLOW FLOODING WHERE AVERAGE DEPTHS ARE LESS THAN 1 FOOT, AREAS OF 1% ANNUAL CHANCE STREAM FLOODING WHERE THE CONTRIBUTING DRAINAGE AREA IS LESS THAN 1 SQUARE MILE, OR AREAS PROTECTED FROM THE 1% ANNUAL CHANCE FLOOD BY LEVEES, NO BASE FLOOD ELEVATIONS OR DEPTHS ARE SHOWN WITHIN THIS ZONE. INSURANCE PURCHASE IS NOT REQUIRED IN THESE ZONES.

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△ 1	07/17/07	ADDED CITY COMMENTS	PDS	JT	MH		
△ 0	05/04/07	ISSUED FOR CONSTRUCTION	PDS	JT	MH		
No.	DATE	REVISIONS	BY	CHKD	APVLS		

ENGINEERS SEAL



**TSP**

**TOWNER SERVICES, INC.**  
8205 SPAIN N.E. SUITE #205  
ALBUQUERQUE, NM 87109  
PHONE: (505) 828-1930  
FAX: (505) 828-1967

## ECONOMIC & HOUSING DEVELOPMENT

ESTANCIA, NEW MEXICO 87016

## SITE INFORMATION

LOT 13  
11500 COCHITI STREET  
ALBUQUERQUE, NEW MEXICO 87123

DESIGN TYPE	
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# PREFABRICATED METAL BUILDING WAREHOUSE ON VACANT LAND

1	SHEET TITLE
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## GRADING & DRAINAGE PLAN

SHEET NUMBER	REV
G-4	1