

# NOTICE TO CONTRACTOR

AN EXCAVATION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.

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

TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-12: EXISTING UTILITIES.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOC, CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE COI WITH A MINIMUM AMOUNT OF DELAY.

BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.

MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.

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

APPROVAL	NAME:	DATE:
INSPECTOR		

## DRAINAGE PLAN:

### LOCATION AND DESCRIPTION

THE PROPOSED PARK SITE WITHIN THE LONGFORD VILLAGE EAST SUBDIVISION IS 0.93 ACRES. THE PARK IS INCLUDED IN THE LONGFORD VILLAGE EAST SUBDIVISION DRAINAGE REPORT PREPARED BY BOHANNAN-HUSTON, INC. AND DATED DECEMBER 3, 2003. ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP NUMBER 35001C0359F, THE SITE LIES WITHIN A FLOOD HAZARD ZONE X, WHICH IS OUTSIDE OF THE 500-YEAR FLOODPLAIN.

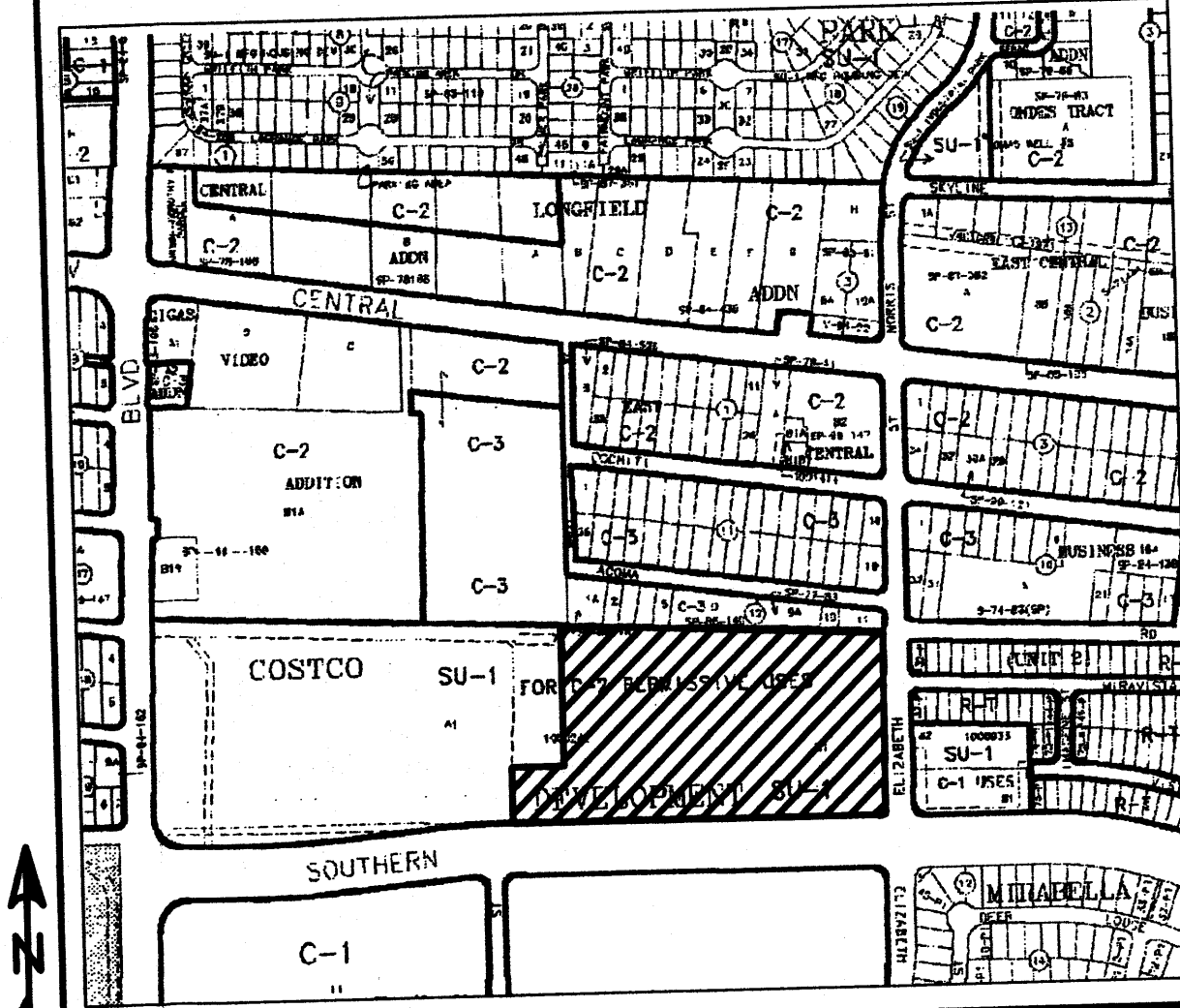
### EXISTING DRAINAGE CONDITIONS:

THE DRAINAGE ANALYSIS FOR THIS SITE IS IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL SECTION 22.2. HYDROLOGY. THE PROPERTY IS LOCATED IN ZONE 3. THE 100-YEAR, 6-HOUR STORM IS 2.60 INCHES.

THE SITE HAS BEEN ROUGH GRADED WITH THE SUBDIVISION. THE SITE DRAINS FROM EAST TO WEST TO CASCABEL TRAIL. THE PEAK RUNOFF REACHING CASCABEL TRAIL DURING EXISTING CONDITIONS IS 1.74 CFS.

### DEVELOPED DRAINAGE CONDITIONS:

THE PROPOSED PARK IS INCLUDED IN THE LONGFORD VILLAGE EAST SUBDIVISION DRAINAGE REPORT PREPARED BY BOHANNAN-HUSTON, INC. THE PARK IS INCLUDED AS BASIN 8 IN THE DRAINAGE REPORT. ACCORDING TO THE DRAINAGE REPORT A PEAK RUNOFF OF 4.47 CFS WILL BE DISCHARGED TO CASCABEL TRAIL FROM THE PARK SITE AT THE SOUTHWEST CORNER OF THE SITE. THE FLOWS IN CASCABEL TRAIL DISCHARGE TO AN EXISTING DETENTION BASIN LOCATED WEST OF THE STREET. THE PARK WILL BE DEVELOPED WITH WALKING TRAILS, PICNIC AREAS, A PLAY AREA, AND LANDSCAPING. HYDROLOGIC CALCULATIONS INDICATE THAT ONLY 2.65 CFS PEAK RUNOFF WILL BE DISCHARGED FROM THE PARK SITE TO CASCABEL TRAIL. THE ACTUAL PEAK RUNOFF OF 2.65 CFS IS LESS THAN THE ALLOWABLE PEAK RUNOFF OF 4.47 CFS AS GIVEN IN THE DRAINAGE REPORT. THE PEAK RUNOFF WILL BE CARRIED IN A 24" SIDEWALK CULVERT AT CASCABEL TRAIL LOCATED NORTH OF THE PROPOSED WALKING PATH. THE CAPACITY OF THE 24" SIDEWALK CULVERT IS 3.29 CFS, WHICH IS GREATER THAN THE PEAK RUNOFF OF 2.65 CFS. THEREFORE ALL OF THE RUNOFF FROM THE PARK SITE WILL BE DISCHARGED THROUGH THE 24" SIDEWALK CULVERT TO CASCABEL TRAIL.



ZONE ATLAS MAP = L-21-Z

## 100-YEAR HYDROLOGIC CALCULATIONS

BASIN ID	AREA (ac.)	LAND TREATMENT				PEAK (CFS)	RUNOFF 24-HR (ac-ft)
		A	B	C	D		
EXISTING CONDITIONS							
A	0.930	0.930	0.000	0.000	0.000	1.74	0.061
DEVELOPED CONDITIONS							
A	0.930	-	0.790	0.070	0.070	2.65	0.084

## LEGEND

- RIGHT OF WAY LINE
- EXISTING CONTOUR
- EXISTING INDEX CONTOUR
- PROPOSED EARTHEN SWALE
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION

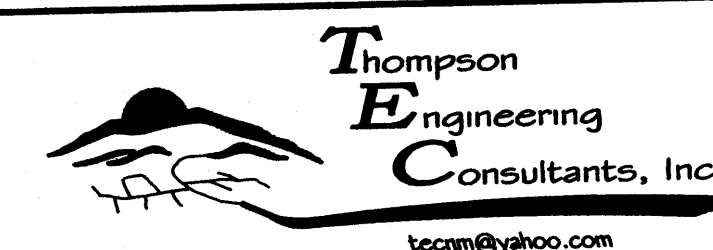
## LEGAL DESCRIPTION

TRACT F,  
LONGFORD VILLAGE EAST SUBDIVISION

APPROVED FOR ROUGH GRADING

SIGNATURE

DATE



4800 JUAN TABO NE, SUITE C ALBUQUERQUE, NEW MEXICO 87111 PHONE: (505) 271-2199 FAX: (505) 237-8422

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
TRANSPORTATION DEVELOPMENT

LONGFORD VILLAGE EAST SUBDIVISION PARK  
GRADING PLAN

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

MO./DAY/YR. MO./DAY/YR.

RECEIVED

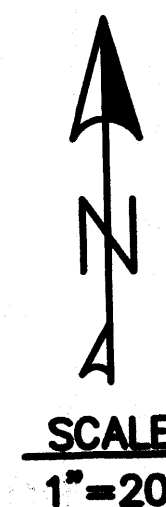
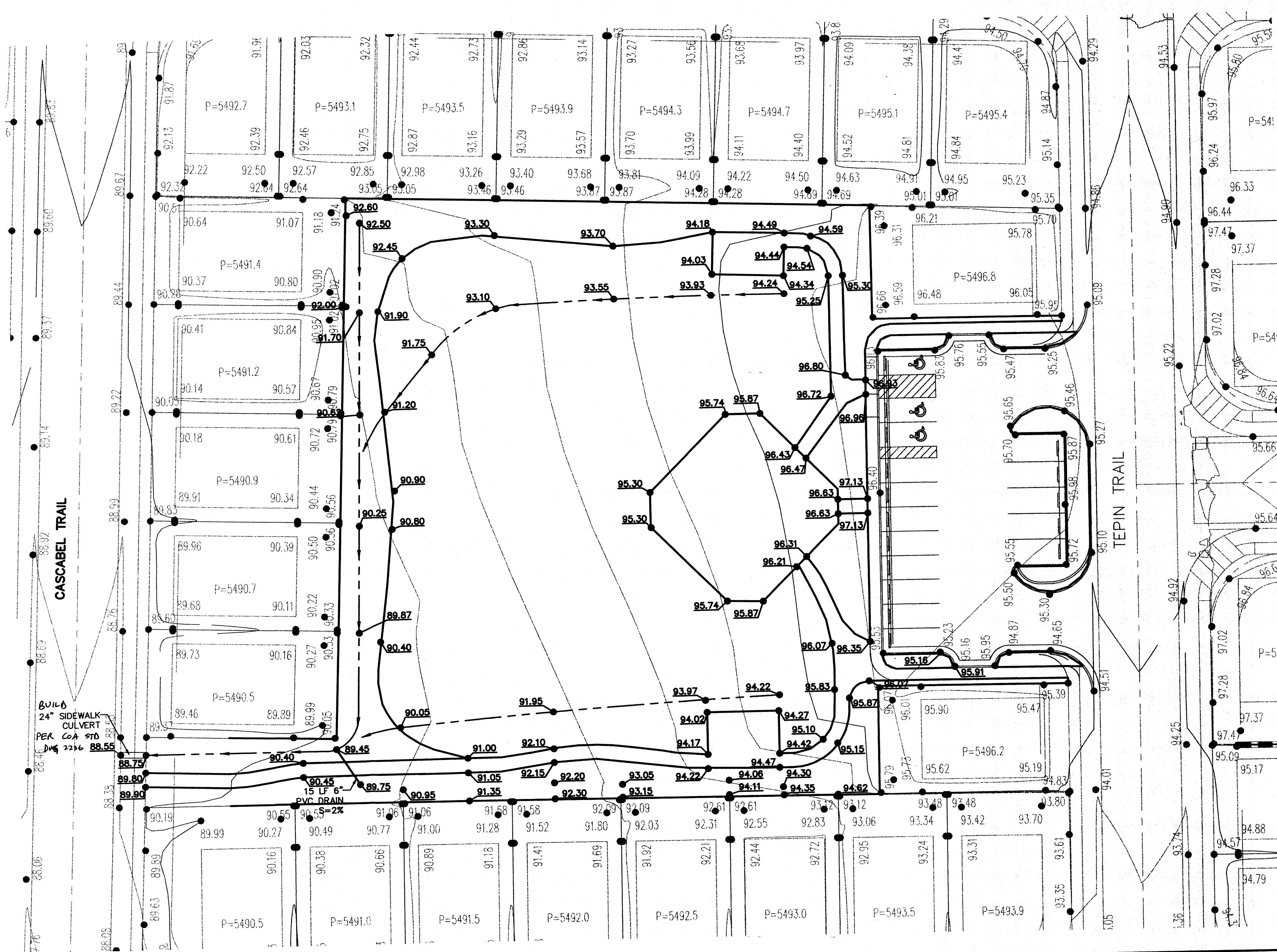
AUG 24 2004

HYDROLOGY SECTION

City Project No.  
XXXX

Zone Map No.  
L-21-Z

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AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
DATE	CONTRACTOR	DATE	AS BRASS TABLET STAMPED "6-L21, 1986"	DATE	NO.	DATE	BY
DATE	INSPECTOR	DATE	GEOGRAPHIC POSITION (NAD 1983)	DATE	NO.	DATE	BY
DATE	VERIFICATION BY	DATE	NM STATE PLANE COORDINATES (CENTRAL ZONE)	DATE	NO.	DATE	BY
DATE	VERIFICATION BY	DATE	X = 1,558,220.58 Y = 1,481,283.33	DATE	NO.	DATE	BY
DATE	VERIFICATION BY	DATE	GROUND TO GRID FACTOR = 0.999544584	DATE	NO.	DATE	BY
DATE	VERIFICATION BY	DATE	ΔX = 00'08"28"	DATE	NO.	DATE	BY
DATE	VERIFICATION BY	DATE	NAD83 ELEVATION = 5503.35	DATE	NO.	DATE	BY



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APPROVAL	NAME:	DATE:
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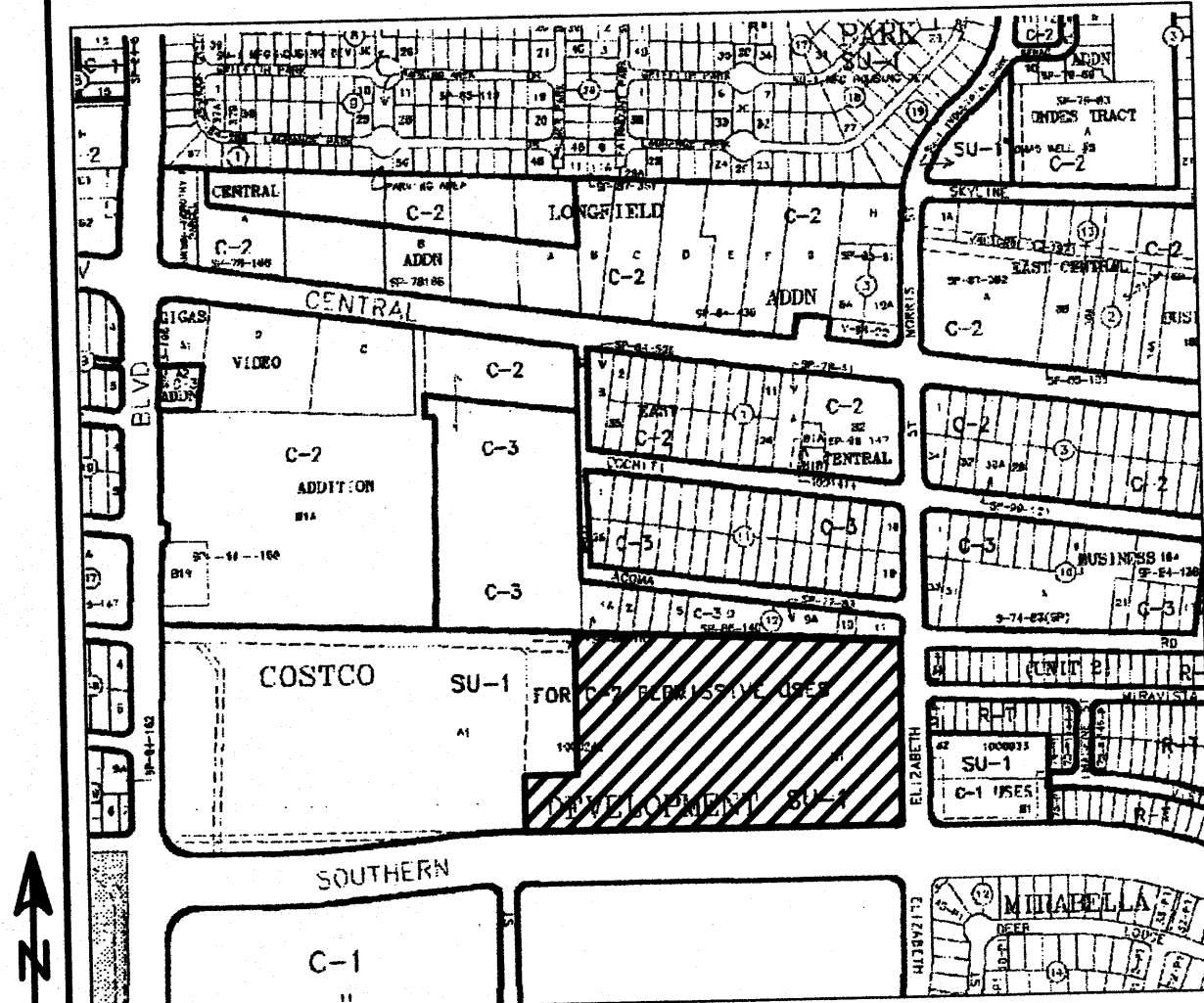
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DEVELOPED CONDITIONS							
A	0.930	-	0.790	0.070	0.070	2.65	0.084

LEGEND

RIGHT OF WAY LINE	---
EXISTING CONTOUR	---
EXISTING INDEX CONTOUR	--- 6190 ---
PROPOSED EARTHEN SWALE	---
PROPOSED SPOT ELEVATION	● 96.00
EXISTING SPOT ELEVATION	● 95.00

LEGAL DESCRIPTION

TRACT F,  
LONGFORD VILLAGE EAST SUBDIVISION

APPROVED FOR ROUGH GRADING

SIGNATURE

DATE

Thompson  
Engineering  
Consultants, Inc.  
tecmm@yahoo.com

4800 JUAN TABO NE, SUITE C PHONE: (505) 271-2199  
ALBUQUERQUE, NEW MEXICO 87111 FAX: (505) 237-8422

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