



Site Location - As shown by the Vicinity Map, the site is located northwest of the intersection of Carlisle and Candelaria NE on Altamonte Avenue. Access to the site is from Altamonte Avenue. The site is bordered on the west by an existing cinderblock wall; on the south by paved parking for the local SCS office; and on the east by a commercial lot that is currently under construction. At present, the site is undeveloped but has been rough graded. The vast majority of the surrounding area is fully developed, thereby making this a modification to an existing site within an infill area. The proposed improvements consist of the construction of a 125' by 50' commercial building and paved parking with landscape buffer.

Legal Description - Tract A-3-A-1-A-1, Candelaria Business Center. This plan is prepared to establish on-site drainage and grading criteria only. The property boundary shown on this Plan is given for information only to describe the project limits. Property boundary information shown hereon does not constitute a boundary survey. A boundary survey performed by a licensed New Mexico Registered Professional Surveyor is recommended prior to construction.

Benchmark - Temporary BM marked with an "X", located at the top of the median, in the parking area southeast of the property as shown hereon, elevation

Flood Zone - As shown by Panel 23 of 50 of the National Flood Insurance Program Flood Boundary and Floodway Maps for the City of Albuquerque, New Mexico, dated October 14, 1983, this site does not lie within a designated flood

Existing Conditions - No offsite runoff impacts the project site. The local east/west streets in this area are utilized to carry the runoff to the west where it is intercepted by the north diversion channel located approximately 1,000 feet west of the site. The site itself is approximately 212' by 200' in area and drains from south to north to Altamonte Avenue. From the southeast to the northwest corners, the elevation drops over ten feet, the steepest section being about 20 percent adjacent to Altamonte Avenue. The property currently has a free discharge of 2.8 cfs and 3,658 cubic feet of runoff onto Altamonte Avenue.

Proposed Conditions - A significant amount of grading is proposed for this site to construct driveway slopes under ten percent. It is recommended that all runoff associated with the proposed construction of the site be allowed free discharge to Altamonte Avenue via the two proposed driveways. The runoff generated by the project site construction (3.54 cfs) is minimal and will not have a significant impact on the surrounding properties. A watershed of less than four acres impacts Altamonte Avenue at the project site. The peak runoff in the street for the 100-year storm was estimated at 18 cfs assuming 90 percent of the upstream area contains treatment D. Downstream of the property, the peak rate of 22 cfs will coincide with a depth of 0.46 feet in Altamonte Avenue. The other three lots within the Candelaria Business Center along Altamonte are currently developed and do discharge runoff directly into the street. Onsite retention has not been utilized within adjacent properties within the corridor and is not Construction Notes: recommended for this site. This property is the only parcel remaining unpaved 1 within the Altamonte Avenue corridor.

both the existing and developed conditions for the 100-year, 6-hour rainfall event and the 10-year, 6-hour rainfall event. The process outlined in the DPM, Section 22.2 for Zone 3 was used to quantify the peak flow rates and volumes. As shown by these calculations, the proposed improvements will result in an insignificant increase in runoff generated by the additional construction.

Erosion Control Measures - The contractor shall ensure that no soil erodes from the site into public right-of-way or onto private property. This can be soil to keep it from blowing. Thee 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. The contractor shall secure "Topsoil Disturbance Permits" prior to beginning construction.



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LEGAL DESCRIPTION

UNIFORM PROPERTY CODE

G-16-Z

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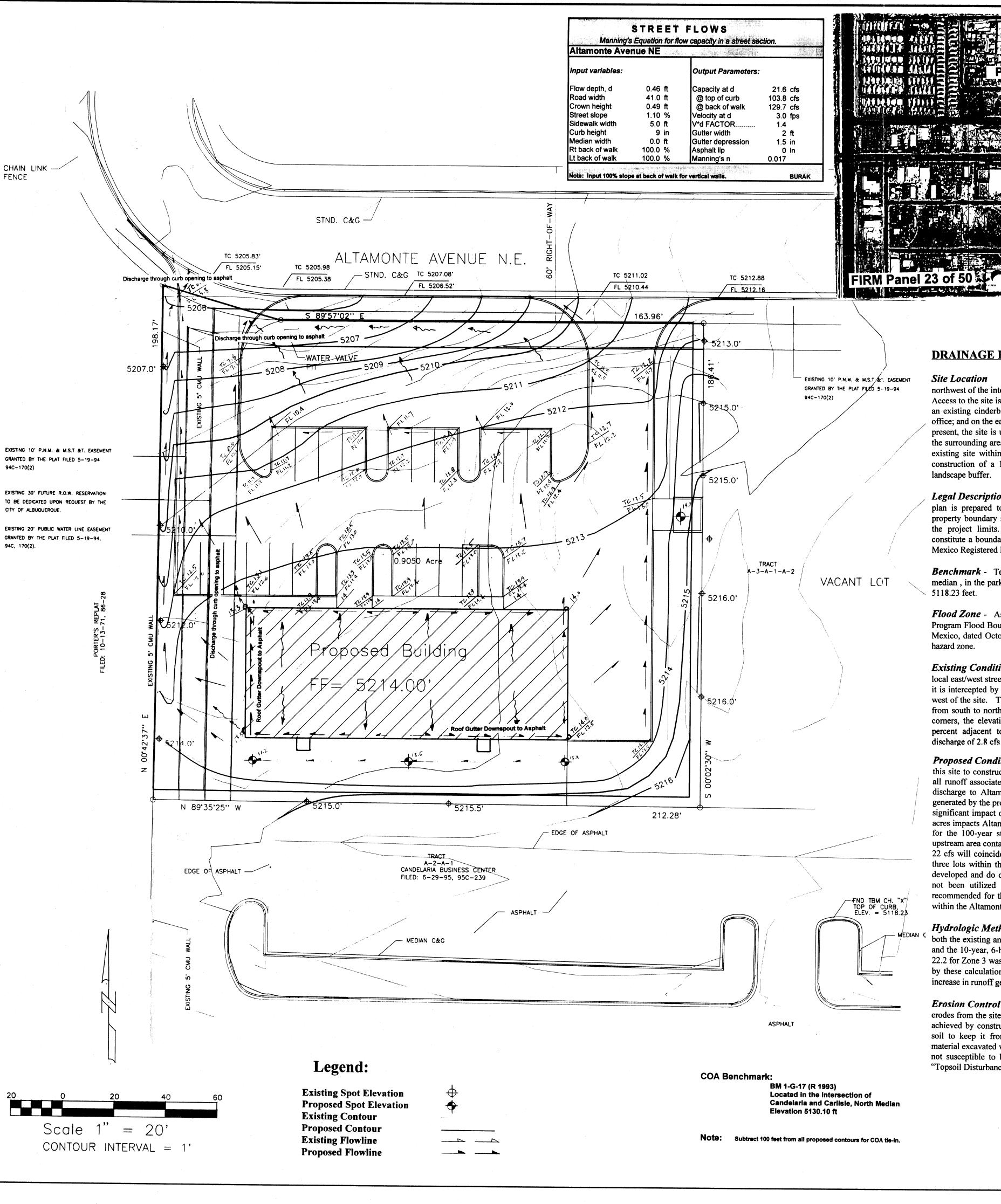
- . Earthwork contractor shall be responsible for applying for and obtaining all pertinent permits prior to commencement of earthwork.
- 2. Engineer assumes no responsibility for subsurface analysis, foundation/structural design, or utility design. Hydrologic Methods - The calculations which appear hereon analyze 3. Two working days prior to any excavation, contractor must contact line locating service at 765-1234 for
 - location of existing utilities. 4. Prior to construction, the contractor shall excavate and verify the horizontal and vertical location of all potential obstructions. Should a conflict exist, the contractor shall notify the Engineer so that the conflict can be resolved with a minimum amount of delay.
 - 5. All work on this project shall be performed in accordance with applicable federal, state, and local laws, rules and regulations concerning construction safety and health.
 - All construction within public right-of-way shall be performed in accordance with applicable City of
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- achieved by constructing temporary berms at the property lines and wetting the 7. If any utility lines, pipelines, or underground utility lines are shown on these drawings, they are shown in an approximate manner only, and such lines may exist where none are shown. If any such existing lines are shown, the location is based upon information provided by the owner of said utility, and the information may be incomplete or may be obsolete by the time construction commences. The Engineer has undertaken no field verification of the location, depth, size, or type of existing utility lines, pipelines, or underground utility lines, and makes no representation pertaining thereto, and assumes no responsibility or liability therefore. The contractor shall inform itself of the location of any utility line, pipeline, or underground utility line in or near the area of the work in advance of and during excavation work. The contractor is responsible for any and all damage caused by its failure to locate, identify, and preserve any and all existing utilities, pipelines, and underground utility lines. In planning and conducting excavation, the contractor shall comply with the state statutes, municipal and local ordinances, rules and regulations, if any, pertaining to the location of these lines and facilities.
 - 8. 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.
 - 9. Backfill compaction shall be according to ARTERIAL street use.
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DRAWING NUMBER

AK\CANDELAR\SERVICE Plotted Technical Drafting Service D: \BUF Label:

1 OF 1



DRAINAGE PLAN

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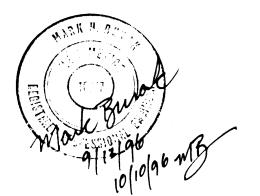
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Hyd rologi	C Calcula Service Mas					100-Yea	r Peak I	Runoff	Rates		
Precipitation					P60	P360			P10days	Special of the same.	
Zone 2 Excess	(inches)	0.70	4.40		2.01	2.35	2.75	3.3	3.95		
Precipitation Peak	0.53 (cfs/acre)	0.78	1.13	2.12		0.53	0.78	1.13	2.12		
Discharge	1.56	2.28	3.14	4.7		1.56	2.28	3.14	4.7		
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© Planning Department July 02, 1993

Project Site-

LEGAL DESCRIPTION

UNIFORM PROPERTY CODE 1-016-060

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Hydrologi	c Calcula Service Mas		4 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14. 1 50 · 1 · 1 · 1 · 1 · 1	The second secon	10-Yea	r Peak F	Runoff F	Rates		
Precipitation	Somethic Control				P60	P360	P1440,.	P4days	P10days	W.	
Zone 2					1.34	1.57	1.83	2.20	2.63		
Excess Precipitation	(inches) 0.13	0.28	0.52	1.34		0.13	0.28	0.52	1.34		
Peak Discharge	(cfs/acre) 0.38	0.95	1.71	3.14		0.38	0.95	1.71	3.14		
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1 OF 1

Servicemaster of Albuquerque A-3-A-1-A-1 Candelaria Business Center

DRAWING NUMBER