

**Cherne, Curtis**

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**From:** Trujillo, Timothy R, NMDOT [TimothyR.Trujillo@state.nm.us]  
**Sent:** Monday, December 19, 2011 10:04 AM  
**To:** Cherne, Curtis  
**Cc:** Abbo, Tony  
**Subject:** Corrales Shopping Center (Alameda and Corrales Rd.)  
**Attachments:** DrainagePlan.pdf

Curtis,

As discussed on the phone, the NMDOT is looking into drainage issues at the intersection of Corrales Road (NM 448) and Cabezon Road. According to a Preliminary Drainage Report the biggest contributing basin to this intersection is the shopping center at Corrales Road and Alameda (Sunflower Market). As shown on the attached Drainage Plan, Basin "B" produces a runoff volume of 1.12 Ac-Ft. Also shown on the plan is an undersized pond of 0.20 Ac-Ft (Pond "B"). Besides Pond "B" being undersized, a recent project inspection shows that the concrete rundown (valley gutter) isn't working in its intended manner and runoff bypasses the pond at the driveway behind the shopping center. Thanks for looking into this and I look forward to meeting with you.

Thanks,

Tim Trujillo, PE  
 NMDOT - D3 Drainage  
 505-321-1796

*Hard to tell how well it works, it may work.*

*(2) Not much room in the pond area to help. Shopping center produces 50,000 ft<sup>3</sup> could add 500 ft<sup>3</sup> in pond. only a ditch*

*CC*

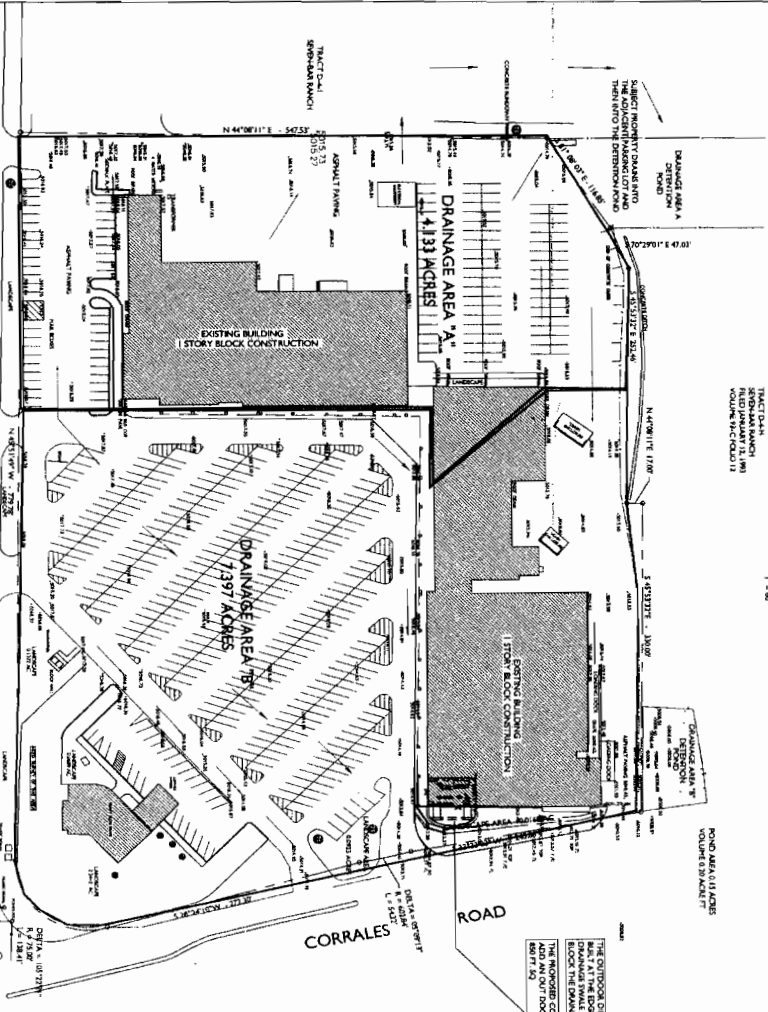
*12-28-11*

12/29/2011

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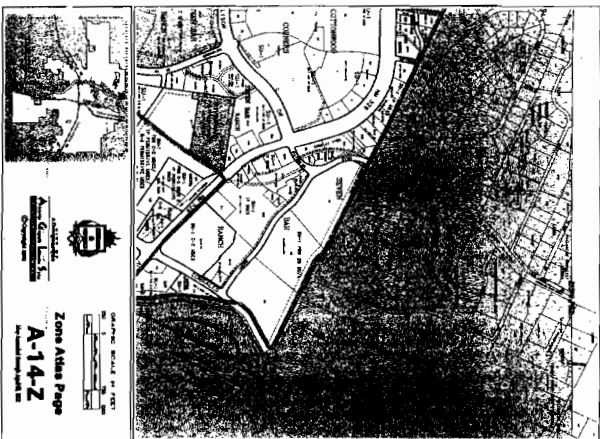
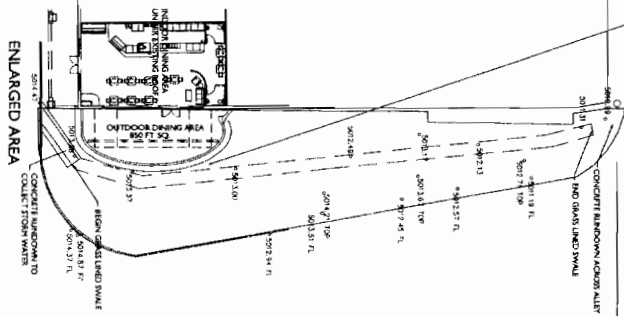
TOTAL RUNOFF PERCIPITATION ZONE - I			
LAND USE	AREA ACRES	E. (INCHES)	VOLUME AC IN DISTANCE FACTOR
A	3		
B	659	0.67	0.73
C	0		
D	1391	1.97	4.37
TOTALS			21.06

DEBRANAGE AREA A <sup>a</sup>		DEBRANAGE AREA B <sup>b</sup>		DEBRANAGE AREA C <sup>c</sup>	
LANDING	MOORING	LANDING	MOORING	LANDING	MOORING
A	0	A	0	A	0
B	0	B	0	B	0
C	0	C	0	C	0
1	1.73	1	1.77	1	1.83
2	1.73	2	1.77	2	1.83
3	1.73	3	1.77	3	1.83
4	1.73	4	1.77	4	1.83
5	1.73	5	1.77	5	1.83
6	1.73	6	1.77	6	1.83
7	1.73	7	1.77	7	1.83
8	1.73	8	1.77	8	1.83
9	1.73	9	1.77	9	1.83
10	1.73	10	1.77	10	1.83
11	1.73	11	1.77	11	1.83
12	1.73	12	1.77	12	1.83
13	1.73	13	1.77	13	1.83
14	1.73	14	1.77	14	1.83
15	1.73	15	1.77	15	1.83
16	1.73	16	1.77	16	1.83
17	1.73	17	1.77	17	1.83
18	1.73	18	1.77	18	1.83
19	1.73	19	1.77	19	1.83
20	1.73	20	1.77	20	1.83
21	1.73	21	1.77	21	1.83
22	1.73	22	1.77	22	1.83
23	1.73	23	1.77	23	1.83
24	1.73	24	1.77	24	1.83
25	1.73	25	1.77	25	1.83
26	1.73	26	1.77	26	1.83
27	1.73	27	1.77	27	1.83
28	1.73	28	1.77	28	1.83
29	1.73	29	1.77	29	1.83
30	1.73	30	1.77	30	1.83
31	1.73	31	1.77	31	1.83
32	1.73	32	1.77	32	1.83
33	1.73	33	1.77	33	1.83
34	1.73	34	1.77	34	1.83
35	1.73	35	1.77	35	1.83
36	1.73	36	1.77	36	1.83
37	1.73	37	1.77	37	1.83
38	1.73	38	1.77	38	1.83
39	1.73	39	1.77	39	1.83
40	1.73	40	1.77	40	1.83
41	1.73	41	1.77	41	1.83
42	1.73	42	1.77	42	1.83
43	1.73	43	1.77	43	1.83
44	1.73	44	1.77	44	1.83
45	1.73	45	1.77	45	1.83
46	1.73	46	1.77	46	1.83
47	1.73	47	1.77	47	1.83
48	1.73	48	1.77	48	1.83
49	1.73	49	1.77	49	1.83
50	1.73	50	1.77	50	1.83
51	1.73	51	1.77	51	1.83
52	1.73	52	1.77	52	1.83
53	1.73	53	1.77	53	1.83
54	1.73	54	1.77	54	1.83
55	1.73	55	1.77	55	1.83
56	1.73	56	1.77	56	1.83
57	1.73	57	1.77	57	1.83
58	1.73	58	1.77	58	1.83
59	1.73	59	1.77	59	1.83
60	1.73	60	1.77	60	1.83
61	1.73	61	1.77	61	1.83
62	1.73	62	1.77	62	1.83
63	1.73	63	1.77	63	1.83



THE OUTDOOR DINING AREA WILL BE BUILT AT THE EDGE OF THE EXISTING DRAINAGE SWALE AND WILL NOT BLOCK THE DRAINAGE.

THE PROPOSED CONSTRUCTION WILL ADD AN OUT DOOR DINING AREA OF 850 FT.<sup>2</sup>

LOCATION MAP  
ZONE ATLAS PAGE A-14

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT DIVISION TITLE <b>DRAINAGE PLAN FOR CORRIELES SHOPPING CENTER</b>		PROJECT NO. NOT ASSIGNED	
DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL		YEAR MAP NO. A-14	
LAST DESIGN UPDATE NO. 007/75 NO. 704/75		SHEET NO. 1 OF 1	

BURTON ENGINEERS, INC.  
2900 VISTA GRANDE NW  
ALBUQUERQUE, NM 87120  
(505) 839-9365

AREAS INSIDE PROJECT BOUNDARY  
LANDSCAPE - 0.39 AC  
ROOF AREA - 2.97 AC  
PAVING - 8.19 AC  
TOTAL - 11.55 AC

[illegible]

**BENCH MARK**  
ACS 1 3/4" ALUMINUM DISK STAMPED "ACS BM,  
B-14". EPOXIED TO TOP OF CONCRETE BASE OF A  
GALVANIZED STEEL POWER POLE, MO. RR-10, SE  
QUADRANT OF COORS BLVD & ALAMEDA BLVD NW,  
ON THE NE CORNER OF SAID BASE.

AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK	
DRAWN BY	DATE
INSPECTOR'S	
APPROVAL BY	DATE
FIELD	
VERIFICATION BY	DATE
ISSUING	
CONTRACT BY	DATE
MICRO FILM INFORMATION	
RECORD BY	DATE
NO	

Exhibit 1



