

TRACT "X-2", BLOCK 25, VIRGINIA PLACE ADDITION  
(REC 5/14/1979 A7-74)



- 56— PROPOSED CONTOURS @ 1.0' INTERVALS  
12.00  
⊕ PROPOSED SPOT ELEVATION

- TOP OF ASPHALT

Tract R-2-A in Block Twenty-five (25) of the replat of Tracts R-1, R-2 and X-1 in Block 25, VIRGINIA PLACE ADDITION to the City of Albuquerque, New Mexico as the same is shown and designated on the map of said Addition filed in the office of the County Clerk of Bernalillo County, New Mexico, on September 28, 2011 in Plat Book 2011C, Page 99.

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Basis of elevations: ACS STATION "G-2" NAVD 88 MSL ELEVATION: 5337.4300  
TBM: NAIL AND DISK AT NORTHEAST CORNER OF PROPERTY MSL: 5306.82

PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN ARE TO FINISHED SURFACES AND ARE PROVIDED FOR THE PURPOSE OF SHOWING FLOW ROUTING.

CONTRACTOR IS RESPONSIBLE FOR THE ABATEMENT OF SEDIMENT ONTO ADJOINING PUBLIC RIGHTS-OF-WAY DURING CONSTRUCTION AND FOR THE REMOVAL OF ANY SEDIMENT DEPOSITED IN PUBLIC RIGHT-OF-WAY.

CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO ANY GRADING OR CONSTRUCTION.

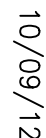
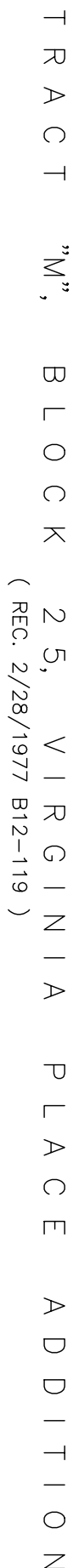
SITE IS NOT SUBJECT TO NPDES SWPPP REQUIREMENTS (< 1 ACRE).

ALL IMPROVEMENTS WITHIN CITY OF ALBUQUERQUE RIGHT OF WAY MUST BE CONSTRUCTED BY CITY OF ALBUQUERQUE WORK ORDER.


- ROOF DRAINAGE CONVEYED TO PUBLIC RIGHT-OF-WAY VIA GUTTER DOWNSPOUT AND DRAINAGE CHANNEL. SEE ROOF PLAN FOR LOCATIONS

- 1 EXISTING CURB TO REMAIN
- 2 EXISTING CURB TO BE REMOVED
- 3 6" STAND UP CURB, CONCRETE OR EQUAL

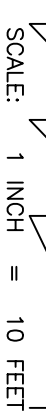
- 8 PINNED CONCRETE WHEELSTOPS
- 9 6" CONCRETE HEADER CURB
- 10 6" THK. CONCRETE DOCK APRON
- 11 GRADE SWALE TO DRAIN, LINE W/4" THICKNESS, 1'-2" SMOOTH ROCK
- 12 INSTALL WATER BLOCK, MIN 6" HEIGHT



I, THOMAS D. JOHNSON, NEW MEXICO REGISTERED PROFESSIONAL ENGINEER NO. 17158, DO HEREBY CERTIFY THAT I INSPECTED THIS SITE ON MARCH 26, 2012, AND THAT, AS OF THAT DATE, THERE HAD BEEN NO RECENT ALTERATION OF GRADE OR EVIDENCE OF GRADING OPERATIONS ON THIS SITE.



THOMAS D. JOHNSON, N.M.P.E. NO. 17158



THE DRAINAGE CONCEPT FOR THIS SITE IS TO FREE DISCHARGE THE EXCESS RUNOFF FROM IMPERVIOUS SURFACES VIA THE DRIVEWAY OPENING AND A CURB DRAIN TO ORTIZ DRIVE, SE. HISTORICAL OFFSITE FLOWS WILL BE ALLOWED TO CONTINUE TO DISCHARGE THROUGH THE PROPERTY TO ORTIZ DRIVE, SE.

THIS SITE LIES WITHIN PRECIPITATION ZONE : DRAINAGE DATA BASIN A

B	Condition	Return Table A4 (Years)	Treatment Type	Area (sq ft)	Perch (in.)	Purifier Table A6 (cfs/acre)	Volume (cu ft.)	C		
								Flow (cfs)	Rate (in/hr)	
B	EXISTING	100	A	0	0.66	1.67	0.00	0.00	0.00	
	EXISTING	10	B	0	0.92	2.60	0.00	0.00	0.00	
			C	0	1.29	3.45	0.00	0.00	0.00	
			D	5.385	2.36	5.02	0.62	1.055	1	
			A	0	0.19	0.88	0.00	0.00	0.00	
	DEVELOPED	100	B	0	0.36	1.19	0.00	0.00	0.00	
			C	0	0.62	2.00	0.00	0.00	0.00	
			D	5.385	1.5	3.39	670.6	0.42	0.58	1
			A	0	0.66	1.67	0.00	0.00	0.00	
	DEVELOPED	10	B	213	0	0.92	2.60	16.3	0.01	0.00
C			0	1.29	3.45	0.00	0.00	0.00		
D			5.152	2.36	5.02	0.39	1.013	2		
A			0	0.19	0.88	0.00	0.00	0.00		
DEVELOPED	10	B	213	0	0.36	1.19	6.4	0.01	0.00	
		C	0	0.62	2.00	0.00	0.00	0.00		
		D	5.152	1.5	3.39	644.0	0.40	0.56	1	
		A	0	0.66	1.67	0.00	0.00	0.00		
TOTAL (EXT)	100						1055.1	0.6		
TOTAL (DEV)	10						670.6	0.4		
TOTAL (DEV)	100						1026.6	0.6		
TOTAL (DEV)	10						650.4	0.4		
DRAINAGE DATA BASED ON PRECIPITATION ZONE									3	
THIS SITE IS WITHIN PRECIPITATION ZONE									3	

Condition	Return Table 4 (Years)	Treatment Type	Area (sq. ft)	Percep. (in)	Traffic A9 (vehicles)	Volume (cu ft)	Rate (rels)
EXISTING	100	A	0	0.66	1.67	0.0	0.00
		B	2.60	0.92	2.60	218.5	0.17
		C	0	1.20	3.45	0.0	0.00
		D	13.438	0.19	5.02	2.628	1.55
EXISTING	10	A	0	0.36	0.98	0.0	0.00
		B	2.60	0.93	1.19	86.5	0.08
		C	0	0.82	2.00	0.0	0.00
		D	13.438	1.5	3.39	1.698	1.05
DEVELOPED	100	A	0	0.66	1.67	0.0	0.00
		B	3.664	0.92	2.60	20.1	0.22
		C	0	1.20	3.45	0.0	0.00
		D	12.634	0.26	5.02	2.4647	1.46
DEVELOPED	10	A	0	0.19	0.36	0.0	0.00
		B	3.664	0.93	1.19	109.6	0.10
		C	0	0.82	2.00	0.0	0.00
		D	13.634	1.5	3.39	1.7043	1.06

OFFSITE FLOWS ARE GENERATED FROM TRACT M (MCDONALD'S SITE), SOUTHWEST CORNER OF THE SITE AND DRAIN ACROSS THE SITE TO AN EXISTING SEWERSIDE CULVERT AT THE NORTHEAST CORNER OF THE SITE. PER THE 1997 SEWERAGE AND DRAINAGE PLAN BY HALL ENGINEERING, DATED 5/24/1997, THE 15% TREATMENT DURING THE 24 HOUR FLOW RATE OF 1.0 MGPD, THE 2% TREATMENT DURING THE 24 HOUR FLOW RATE OF 0.5 MGPD, CURRENTLY COINED ON SURFACE AND DISCHARGES ACROSS THE SEWERSIDE TO THE SOUTH OF SUBJECT SITE. CURRENT OVERFLOW DISCHARGE FROM UPSTREAM OFFSITE BASIN ONTO SUBJECT SITE IS NOT CALCULABLE.

[illegible]

## PARAGON ELECTRIC

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SHEET NO.

DESIGN DATE:	3/27/2012
REVISION:	10/25/2012