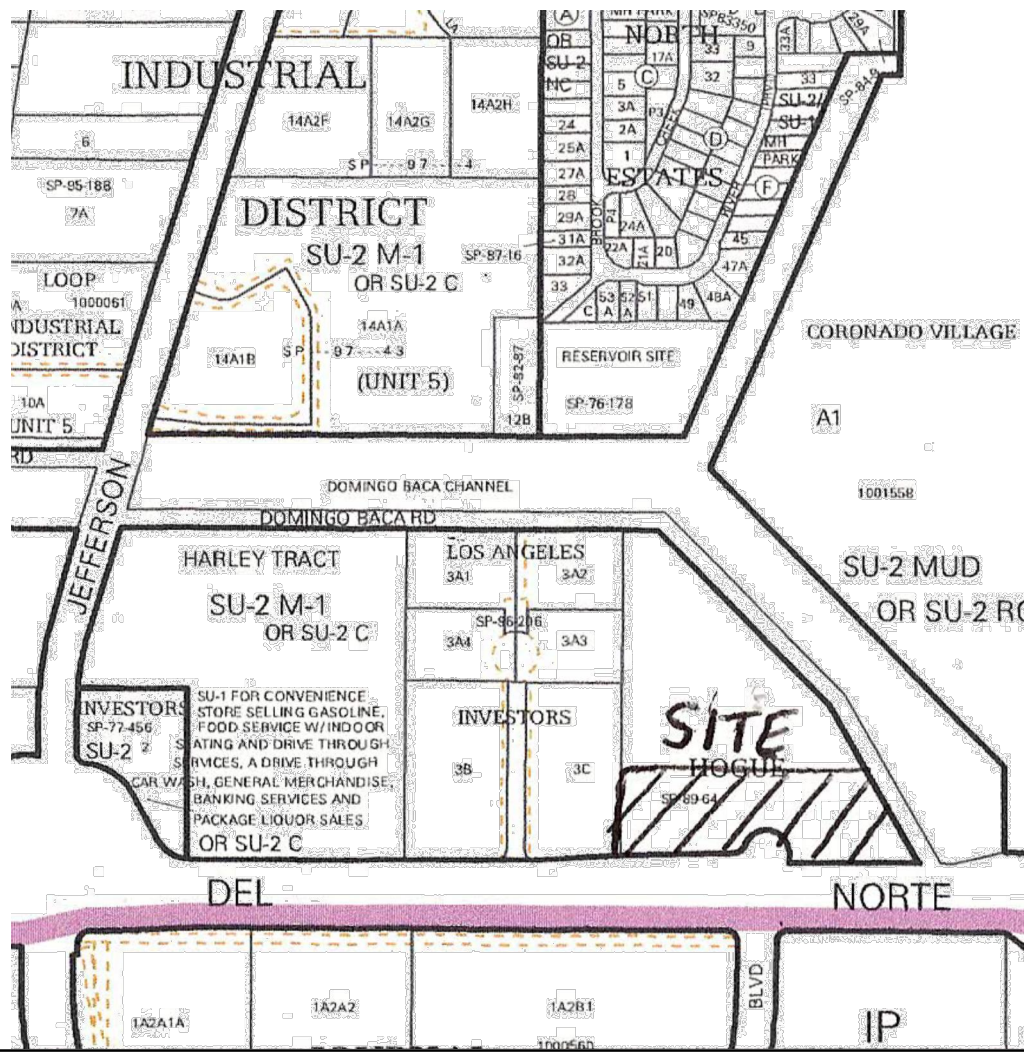


ALBUQUERQUE MOVING & STORAGE  
5001 Paseo del Norte NE  
Albuquerque, N.M.

DECEMBER 2015



VICINITY MAP C-17 NTS

DRAINAGE

ADDRESS: 5001 Paseo del Norte NE, Albuquerque, NM  
AREA: 22,620 SF (0.52 acre) for the parking area south of the warehouse  
BENCHMARK: City of Albuquerque Station 'G-442' being a brass cap  
ELEV= 5112.85 (NAVD 1988)  
SURVEYOR: Harris Surveying, Inc. dated June, 2015  
PRECIPITATION ZONE: 1

FLOOD HAZARD: From FEMA Map 35001C0137H (8/16/12), this site is identified as being within Zone 'X' which is located outside the 0.2% chance annual floodplain.

EXISTING CONDITIONS: The existing parking area is a mix of asphalt, concrete, and dirt surfacing. A recent R/W take for the I-25/Paseo improvements has left the parking area pretty un-usable. There is an existing drive cut along the south side where the Paseo del Norte frontage road abuts the site.

PROPOSED IMPROVEMENTS: The proposed improvements include a 51-space paved parking area and xeric landscaping.

DRAINAGE APPROACH: The drainage plan will direct flows to the west side of the parking lot where they will be discharged through the existing drive pad.

Existing land treatment: 21% C 79% D Precipitation Zone: 1  
Q= [(0.11)(2.87)+(0.41)(4.37)](0.52)=1.1 CFS

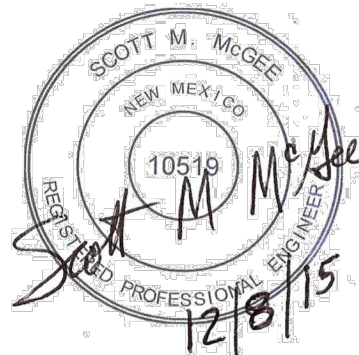
Proposed land treatment: 19% C and 81% D  
Q= [(0.10)(2.87)+(0.42)(4.37)](0.52)= 1.1 CFS  
First flush V= (18,420)(0.34/12)= 522 CF

Storage volume provided: V = 120 x 10 x 0.5= 600 CF

The proposed depressed landscape area will contain the first flush volume. Site runoff will not increase and won't impact downstream drainage facilities.

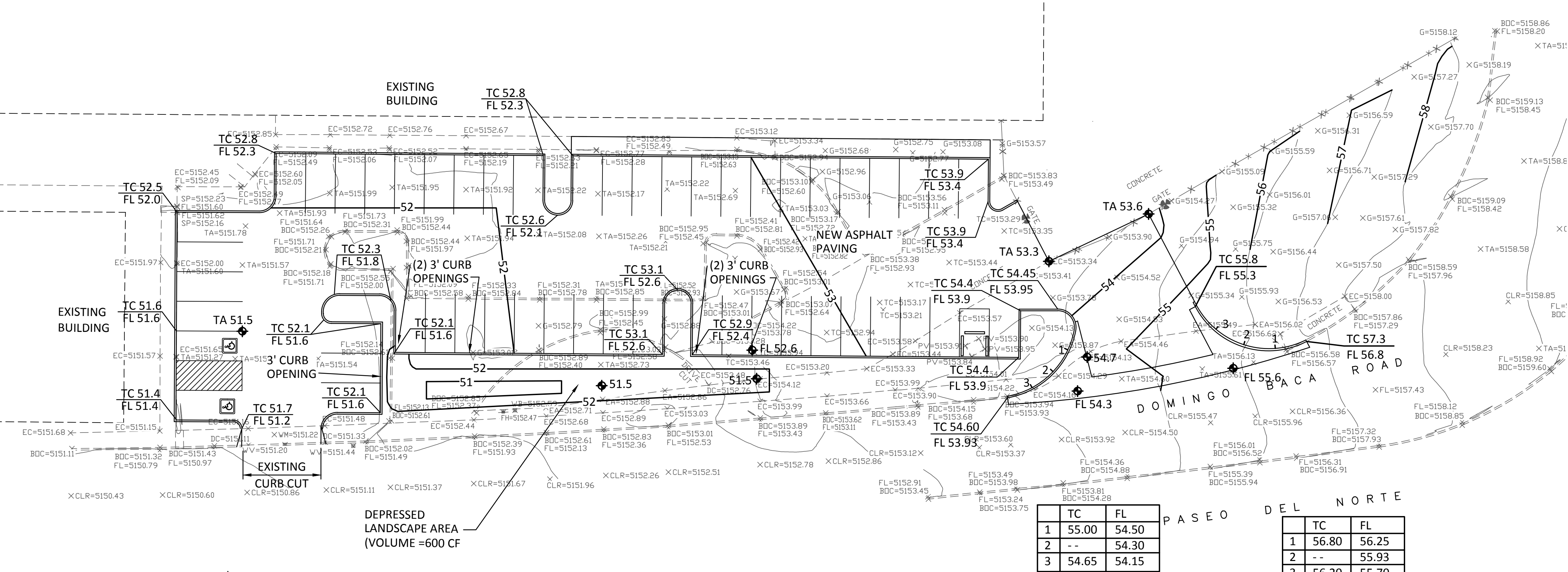
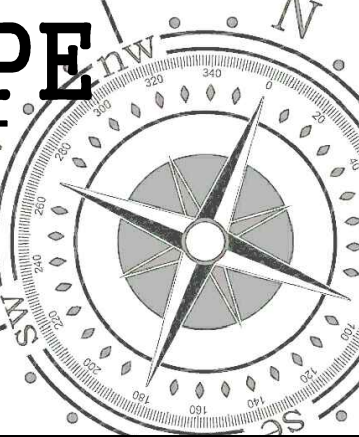
LEGEND

- EXISTING CONTOUR LINE
- NEW CONTOUR LINE
- TC TOP OF CURB
- FL FLOW LINE
- ◆ 32.1 SPOT ELEVATION



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PARKING LOT GRADING PLAN

1" = 20'

0 20' 40'

	TC	FL
1	55.00	54.50
2	--	54.30
3	54.65	54.15

	TC	FL
1	56.80	56.25
2	--	55.93
3	56.20	55.70