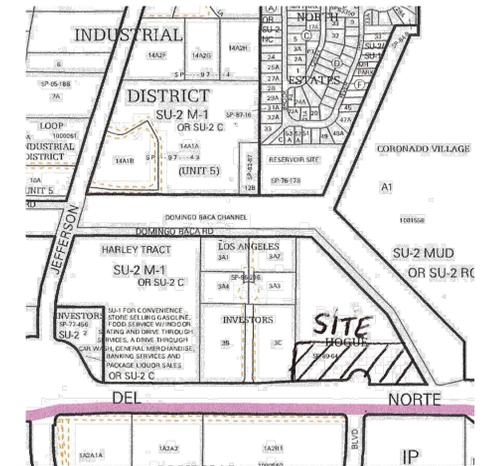


# ALBUQUERQUE MOVING & STORAGE

## 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.

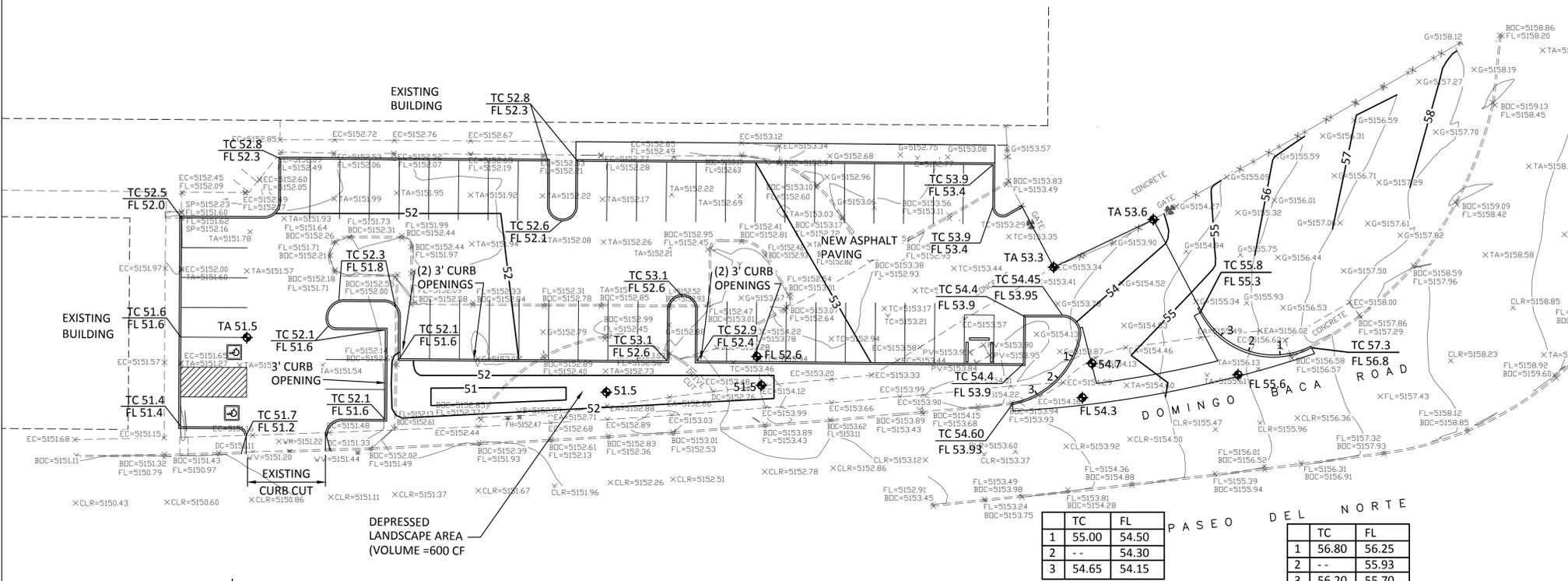
DRAINAGE APPROACH: The drainage plan will direct flows to the west side of the parking lot where they will be discharged through the existing drive pad.

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

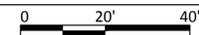
Storage volume provided:  $V = 120 \times 10 \times 0.5' = 600$  CF

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



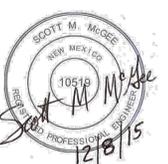
### PARKING LOT GRADING PLAN

1" = 20'



### LEGEND

- EXISTING CONTOUR LINE
- NEW CONTOUR LINE
- TOP OF CURB
- FLOW LINE
- ◆ 51.5 SPOT ELEVATION



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C-102