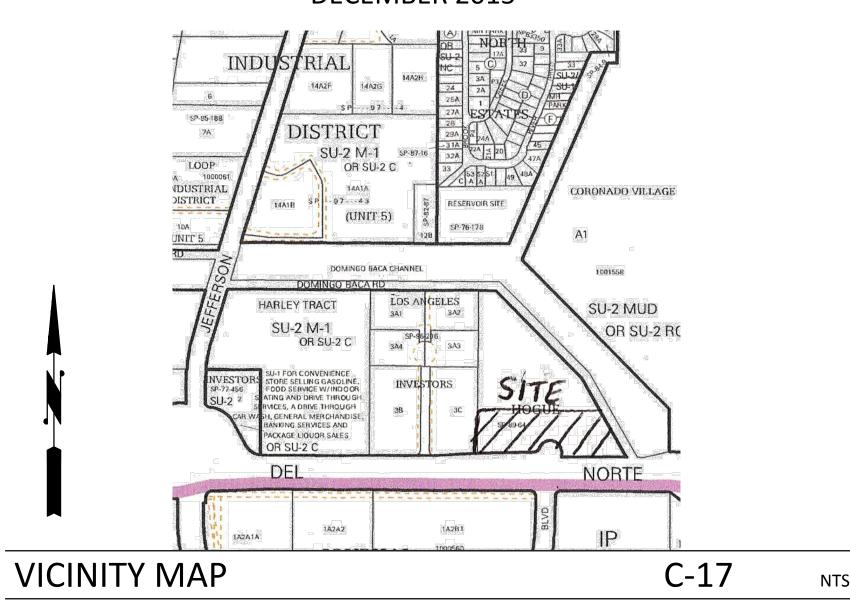
ALBUQUERQUE MOVING & STORAGE 5001 Paseo del Norte NE Albuquerque, N.M.

DECEMBER 2015



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

×TA=5158.8

CLR=5158.85

FL=5158.92 BDC=5159.60

BDC=5159.09

CLR=5158.23

BDC=5158.85

TC 55.8

×G=5156.53

XCLR=5156.36\

1 56.80 56.25

3 56.20 55.70

55.93

/ FL 55.3

FL=5155.39 BDC=5155.94

DASEO

DEL

XCLR-5154.50

XCLR=5153.92

1 55.00 54.50

3 | 54.65 | 54.15

54.30

CETĆ **54.45** = 5153,41

FL 53.95

FL=5153,24

|FL 53.9

FL 53.9515

FL 53.93^{*}

CLR=5153.12×

XCLR=5152.78 XCLR=5152.86

 \times G=5157.50

TC 57.3

XFL=5157.43

-5156.58 FL 56.8 '56.57 R O A D

XTA=5158.58

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 CFSFirst flush V= (18,420)(0.34/12)= 522 CF

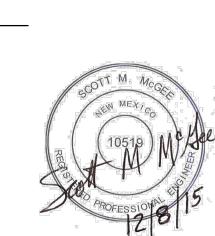
Storage volume provided: $V = 120 \times 10 \times 0.5' = 600 \text{ CF}$

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 TOP OF CURB FLOW LINE

SPOT ELEVATION



PARKING LOT GRADING PLAN

EXISTING

OPENINGS -

XCLR=5151.11 XCLR=5151.37

DEPRESSED

LANDSCAPE AREA

(VOLUME =600 CF

BDC=5152.18 FL=5151.71

EXISTING

CURB CUT ×CLR=5150.86

1" = 20'

TC 53.1 TA=515 FL 52.6

XCLR=5152.26 XCLR=5152.51

Scott M McGee PE 9700 Tanoan Dr NE

Albuquerque, NM 87111 505.263.2905 scottmmcgee@gmail.com

C-102

EC=5151.97 ¥

TC 51.4 FL 51.4

BDC=5151.11 BDC=5151.32 BDC=5151.43 FL=5150.79 FL=5150.97

EXISTING

BUILDING