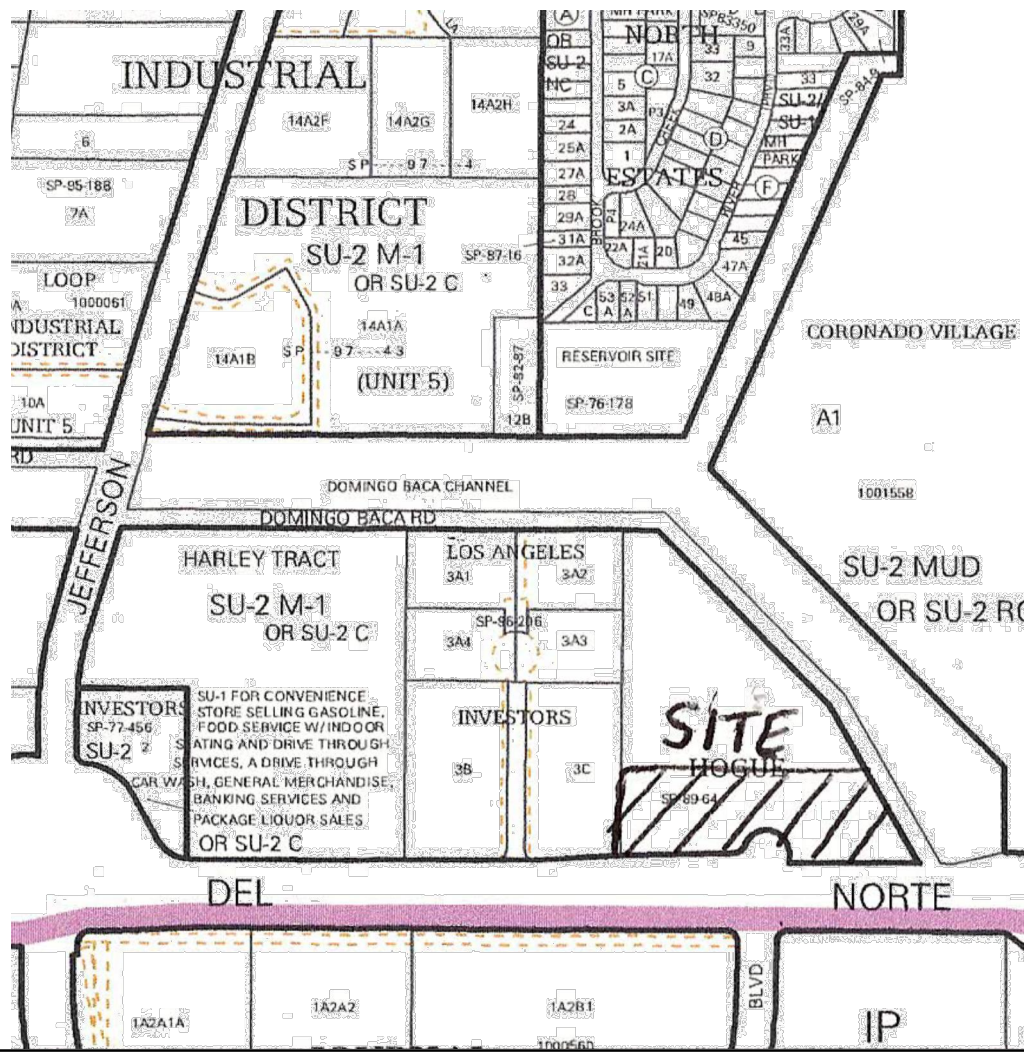


ALBUQUERQUE MOVING & STORAGE
5001 Paseo del Norte NE
Albuquerque, N.M.

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

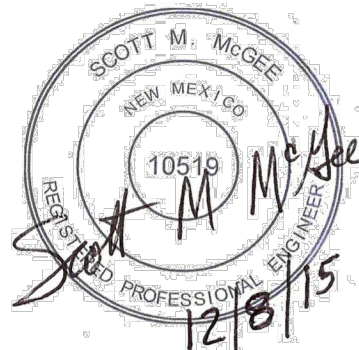
Proposed land treatment: 19% C and 81% D
 $Q = [(0.10)(2.87) + (0.42)(4.37)](0.52) = 1.1$ CFS
First flush $V = (18,420)(0.34/12) = 522$ CF

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.

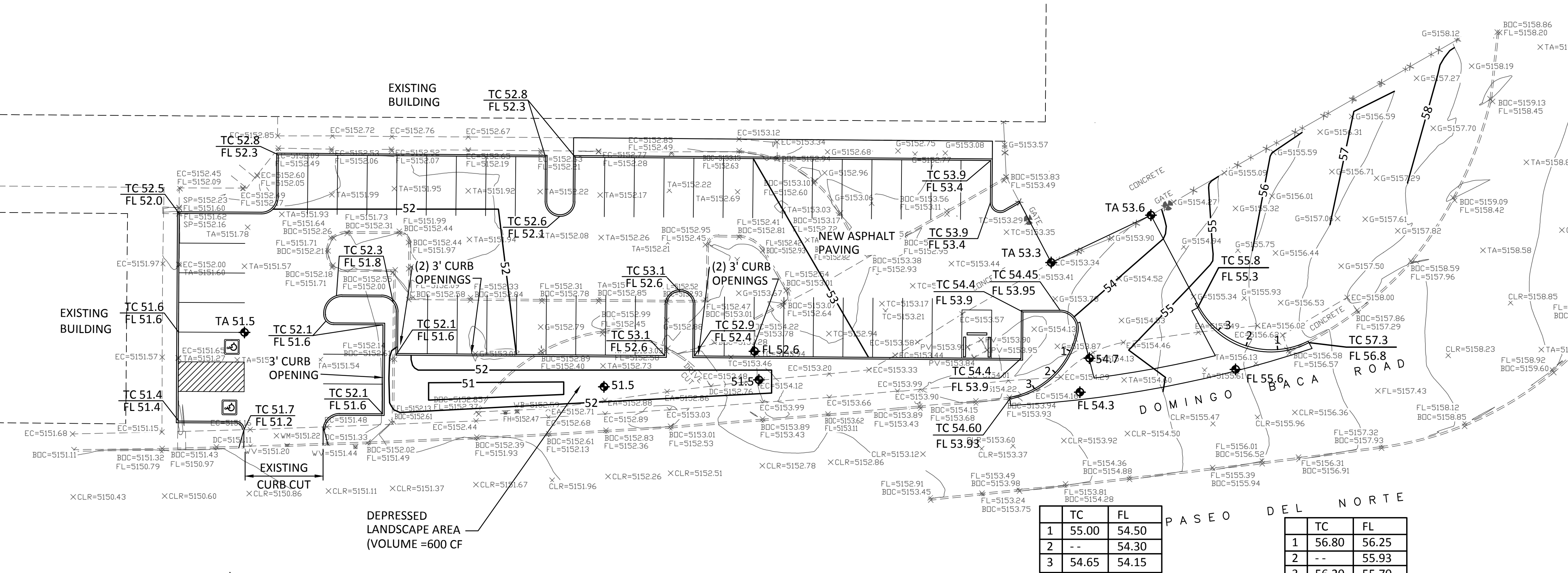
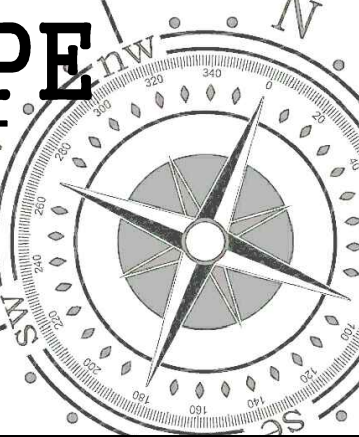
LEGEND

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



Scott M McGee PE

9700 Tanoan Dr NE
Albuquerque, NM 87111
505.263.2905
scottmmcgee@gmail.com



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

CITY OF ALBUQUERQUE

Planning Department
Suzanne Lubar, Director



Mayor Richard J. Berry

January 15, 2016

Scott McGee, PE
Scott M. McGee PE, LLC
9700 Tanoan Dr. NE
Albuquerque, NM 87111

**RE: ABQ Moving & Storage Parking Lot
5001 Paseo Del Norte
Grading and Drainage Plan
Engineers Stamp Date 12/8/15 (C17D124)**

Dear Mr. McGee,

Based upon the information provided in your submittal received 12/11/15, this plan is approved for Paving Permit.

PO Box 1293

Please attach a copy of this approved plan to the construction sets in the permitting process prior to sign-off by Hydrology.

Albuquerque

When completed please provide a copy of the as-build for our records.

New Mexico 87103

If you have any questions, please contact me at 924-3986 or Rudy Rael at 924-3977.

www.cabq.gov

Sincerely,

Abiel Carrillo, P.E.
Principal Engineer, Hydrology
Planning Department

RR/AC
C: File