

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

March 18, 2025

GTR Consultants
George T. Rodriguez, PE
12800 San Juan NE
Albuquerque, NM 87123

RE: 801 Gibson Blvd. SE
Permanent CO - Approved
Engineer's Stamp Date: 12/03/2021
Engineer's Certification Date: 1/23/2025
Hydrology File: L14D061
Case # HYDR-2025-0056

Dear Mr. Rodriguez:

Based on the Engineer's Drainage Certification received 02/21/2025 and site visit on 03/05/2025, this letter serves as a "green tag" from Hydrology Section for a Permanent Certificate of Occupancy to be issued by the Building and Safety Division.

If you have any questions, please contact me at 505-924-3314 or amontoya@cabq.gov.

Sincerely,

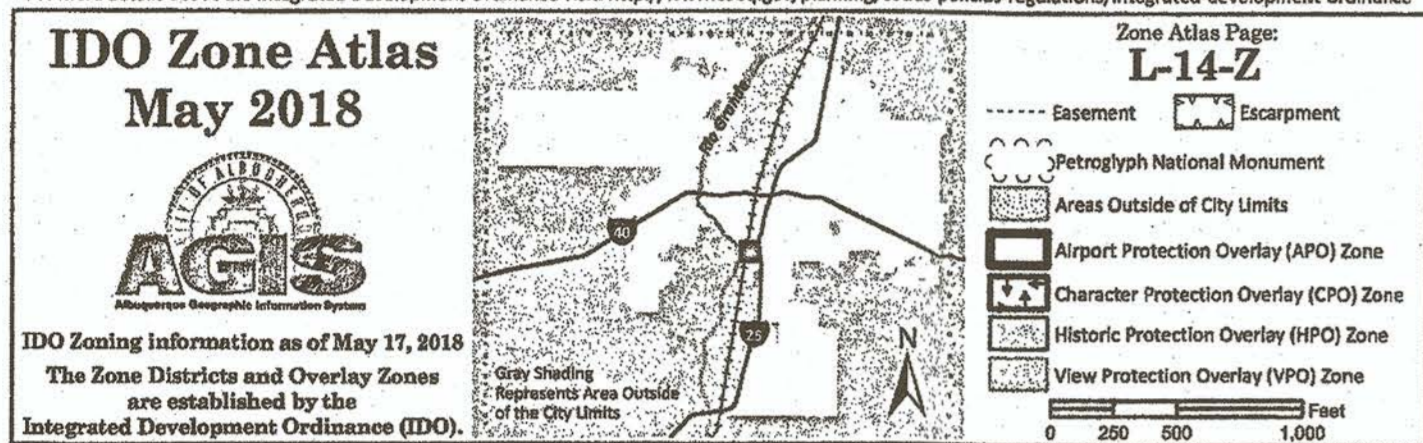
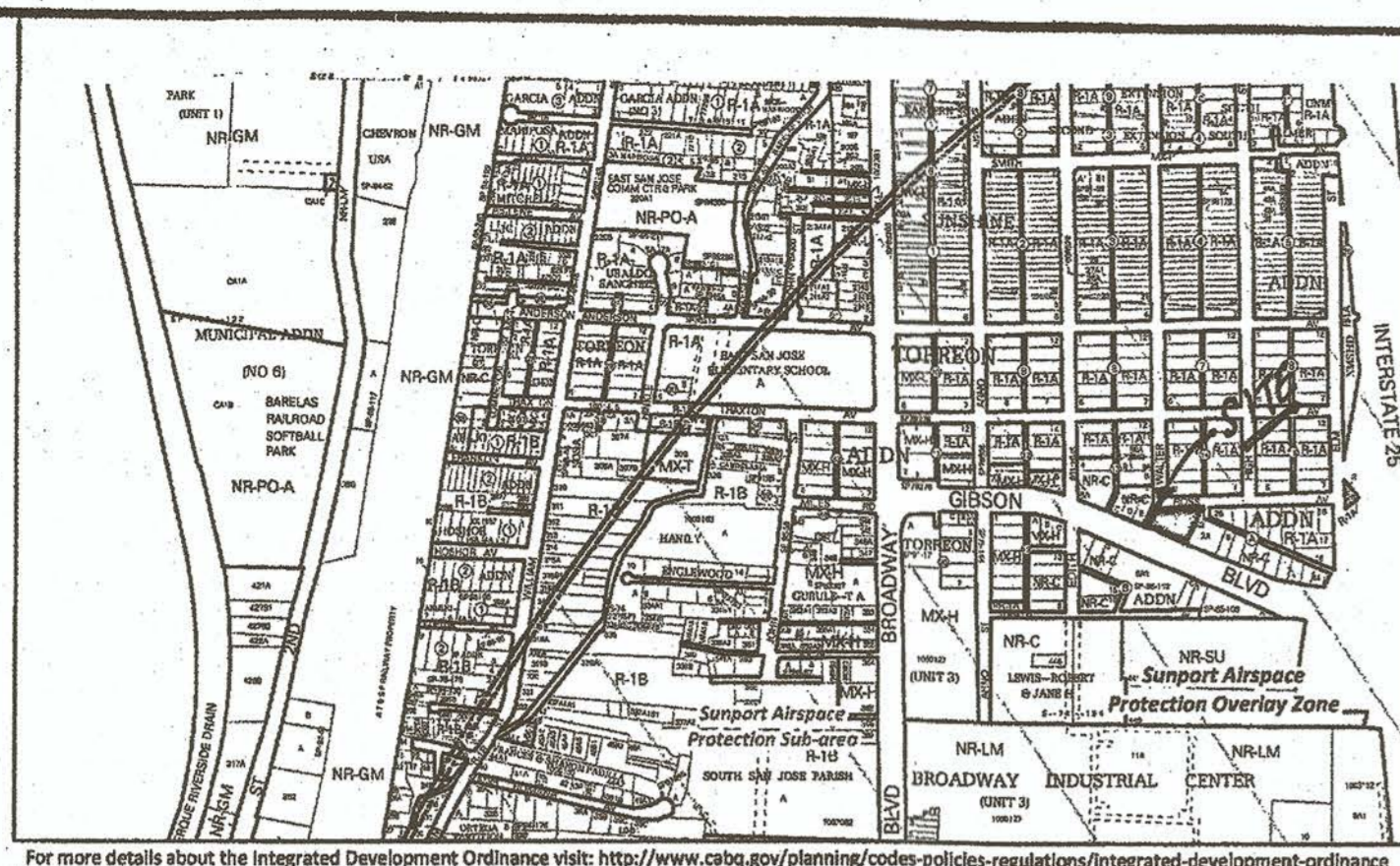
Anthony Montoya, Jr., P.E.
Senior Engineer, Hydrology
Planning Department, Development Review Services

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov



DRAINAGE CERTIFICATION

I, THOMAS D. JOHNSON, NMPE 17158, of the firm T&C ENGINEERING, hereby certify that this project has been graded and will drain in substantial compliance with and in accordance with the design intent of the approved plan dated 12-03-2021.

The record information edited onto the original design document has been obtained by ANTHONY HARRIS, NMPS 11463, of the firm HARRIS SURVEYING. I further certify that I have personally visited the project site on 01-03-25 and have determined by visual inspection that the survey data provided is representative of actual site conditions and is true and correct to the best of my knowledge and belief. This certification is submitted in support of a request for Certification of Occupancy.

The record information presented herein is not necessarily complete and intended only to verify substantial compliance of the grading and drainage aspects of this project. Those relying on this record document are advised to obtain independent verification of its accuracy before using it for any other purpose.

DATE: 1-23-2025

DATE: 1-23-2025

30' WATERLINE AND SANITARY SEWER EASEMENT GRANTED TO THE ABOVE AND A 30' WIDE STORM DRAIN EASEMENT (SURFACE AND SUBSURFACE) GRANTED TO THE CITY OF ALBUQUERQUE BY THIS PLAN. 30' PRIVATE ACCESS EASEMENT GRANTED TO THE OWNER OF E DIXIE FOR TO R/W MILES RD ANDERSON THAXTON REPLAT (715 GIBSON BLVD SE) BY AGREEMENT FILED WITH THE BERNALILLO COUNTY CLERK ON 05/20/2020, DOCUMENT #2020044427

LEGEND:

TOP OF CURB ELEVATION = 4,998.56 BC

CURB FINISH ELEVATION = 4,998.22 FL

EXISTING SPOT ELEVATION = 4,990.0

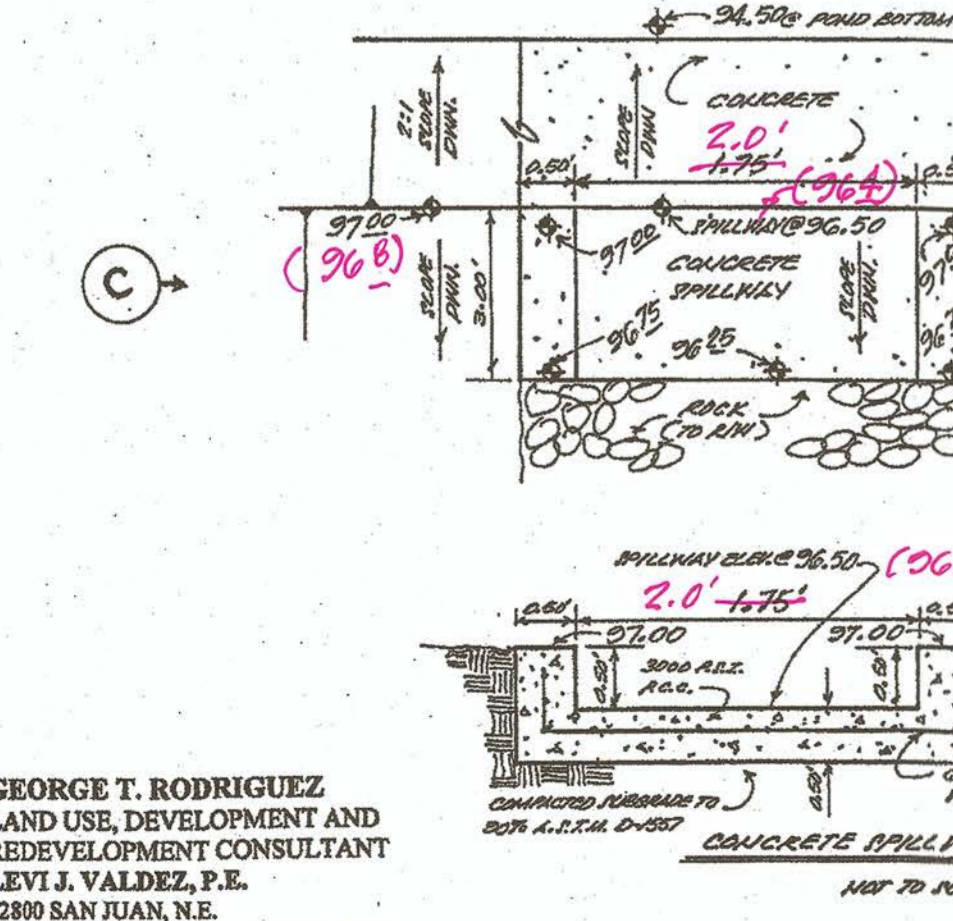
EXISTING CONTOUR ELEVATION = 5,000

PROPOSED SPOT ELEVATION = 5,000.75

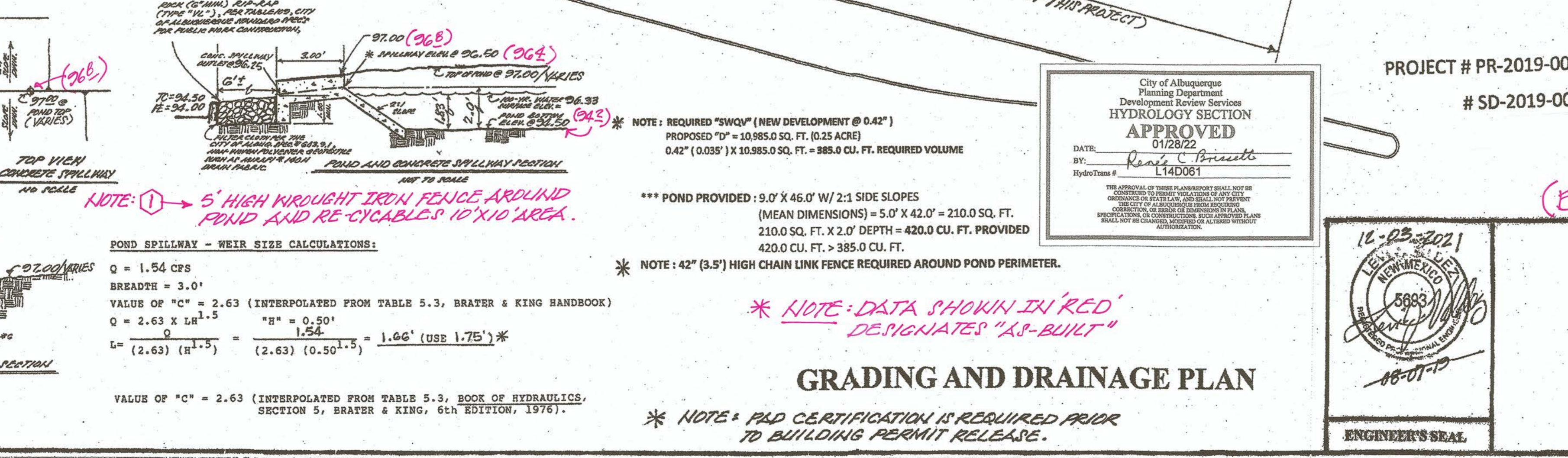
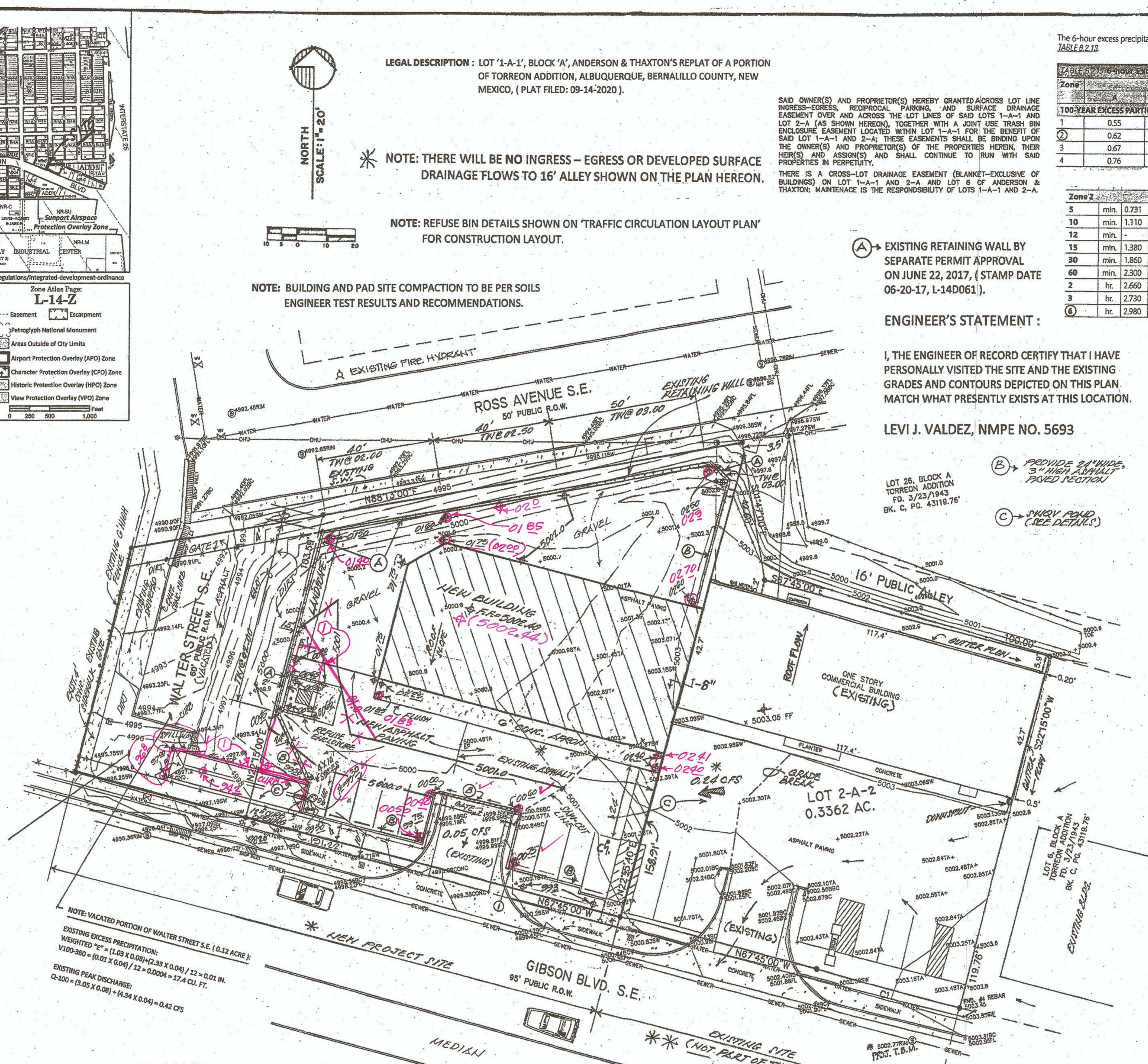
PROPOSED CONTOUR ELEVATION = 5,000.0

PROPOSED OR EXISTING CONCRETE SURFACE = 1'-1.5' WIDE

EXISTING FENCE LINE = 1'-1.5' WIDE



GEORGE T. RODRIGUEZ
LAND USE, DEVELOPMENT AND
REDEVELOPMENT CONSULTANT
LEVI J. VALDEZ, P.E.
12800 SAN JUAN, N.E.
ALBUQUERQUE, NEW MEXICO, 87123
(505)610-0593



CITY OF ALBUQUERQUE PLANNING DEPARTMENT

APPROVED

DATE: 01/28/22

BY: Reyes C. Brissette

HYDROLOGIST

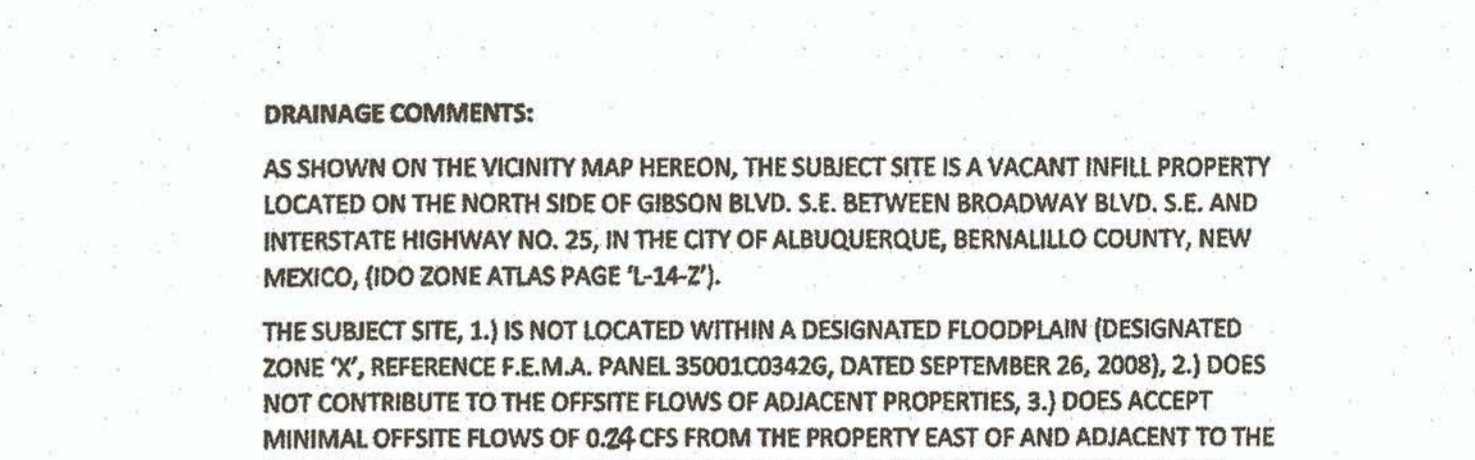
PROJECT # PR-2019-002519

SD-2019-00122

TABLE 6.2.1 6-Hour Excess Precipitation, E (in)

Zone 1: 100-YEAR EXCESS PARTICIPATION, E (in)

Zone	1	2	3	4
1	0.55	0.73	0.95	1.20
2	0.62	0.80	1.03	1.23
3	0.67	0.86	1.09	1.28
4	0.76	0.95	1.20	1.34



DRAINAGE COMMENTS:

AS SHOWN ON THE VICINITY MAP HEREON, THE SUBJECT SITE IS A VACANT INFILL PROPERTY LOCATED ON THE NORTH SIDE OF GIBSON BLVD. S.E. BETWEEN BROADWAY BLVD. S.E. AND INTERSTATE HIGHWAY NO. 25, IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, (IDO ZONE ATLAS PAGE 1-14-2).

THE SUBJECT SITE, 1, IS NOT LOCATED WITHIN A DESIGNATED FLOODPLAIN (DESIGNATED ZONE 'X', REFERENCE F.E.M.A. PANEL 35001C03426, DATED SEPTEMBER 26, 2008). 2.) DOES NOT CONTRIBUTE TO THE OFFSITE FLOWS OF ADJACENT PROPERTIES, 3.) DOES ACCEPT MINIMAL OFFSITE FLOWS OF 0.24 CFS FROM THE PROPERTY EAST OF AND ADJACENT TO THE SUBJECT PROPERTY HEREIN, THE OFFSITE FLOWS WILL CONTINUE TO BE ACCEPTED AND PASSED THROUGH THIS SUBJECT DEVELOPMENT, 4.) IS TO HAVE A 50' X 100' BUILDING AND ASSOCIATED IMPROVEMENTS CONSTRUCTED THEREON, 5.) IS TO PROVIDE A RETENTION POND FOR THE DEVELOPED 100-YR-6-HR. STORM VOLUME.

DRAINAGE CALCULATIONS:

SITE AREA = 0.52 ACRE TOTAL (INCLUDING PORTION OF VACATED WALTER STREET S.E.)

0.40 ACRE (ORIGINAL LOT 1-A' NOT INCLUDING VACATED WALTER STREET S.E.)

0.12 ACRE (VACATED PORTION OF WALTER STREET S.E.)

NOTE: RETENTION POND VOLUME CALCULATIONS ARE BASED ON 0.40 ACRE PORTION OF SITE.

PRECIPITATION ZONE: TWO (2)

'LAND TREATMENT METHOD' FOR CALCULATION OF "Qp"

PRECIPITATION: 100-YR./6HR. = 2.29 IN.

EXISTING EXCESS PRECIPITATION:

WEIGHTED "E" = $(0.62 \times 0.00) + (0.80 \times 0.00) + (1.03 \times 0.28) + (1.23 \times 0.12) / 0.40 = 1.42$ IN.

V100-360 = $(1.42 \times 0.12) / 12 = 0.01420$ AC. FT. = 618.6 CU. FT.

EXISTING PEAK DISCHARGE:

Q-100 = $(1.71 \times 0.00) + (2.36 \times 0.00) + (3.05 \times 0.28) + (4.34 \times 0.12) = 1.37$ CFS

PROPOSED EXCESS PRECIPITATION:

WEIGHTED "E" = $(0.62 \times 0.00) + (0.80 \times 0.00) + (1.03 \times 0.15) + (1.23 \times 0.25) / 0.40 = 1.84$ IN.

V100-360 = $(1.84 \times 0.25) / 12 = 0.03833$ AC. FT. = 1,669.7 CU. FT.

PROPOSED PEAK DISCHARGE:

Q-100 = $(1.71 \times 0.00) + (2.36 \times 0.00) + (3.05 \times 0.15) + (4.34 \times 0.25) = 1.54$ CFS

INCREASE: V100-360 = 1,051.1 CU. FT. Q-100 = 0.17 CFS

NOTE: VACATED PORTION OF WALTER STREET S.E. (0.12 ACRE);

EXISTING EXCESS PRECIPITATION:

WEIGHTED "E" = $(1.03 \times 0.08) + (1.23 \times 0.04) / 12 = 0.01$ IN.

V100-360 = $(0.01 \times 0.04) / 12 = 0.0004$ AC. FT. = 17.4 CU. FT.

EXISTING PEAK DISCHARGE:

Q-100 = $(3.05 \times 0.08) + (4.34 \times 0.04) = 0.42$ CFS

ENGINEER'S CERTIFICATION-JAN.-2025

A PROPOSED PLAN FOR REFLECTIVE AUTO COLLISION

801 GIBSON BOULEVARD S.E. ALBUQUERQUE, NEW MEXICO