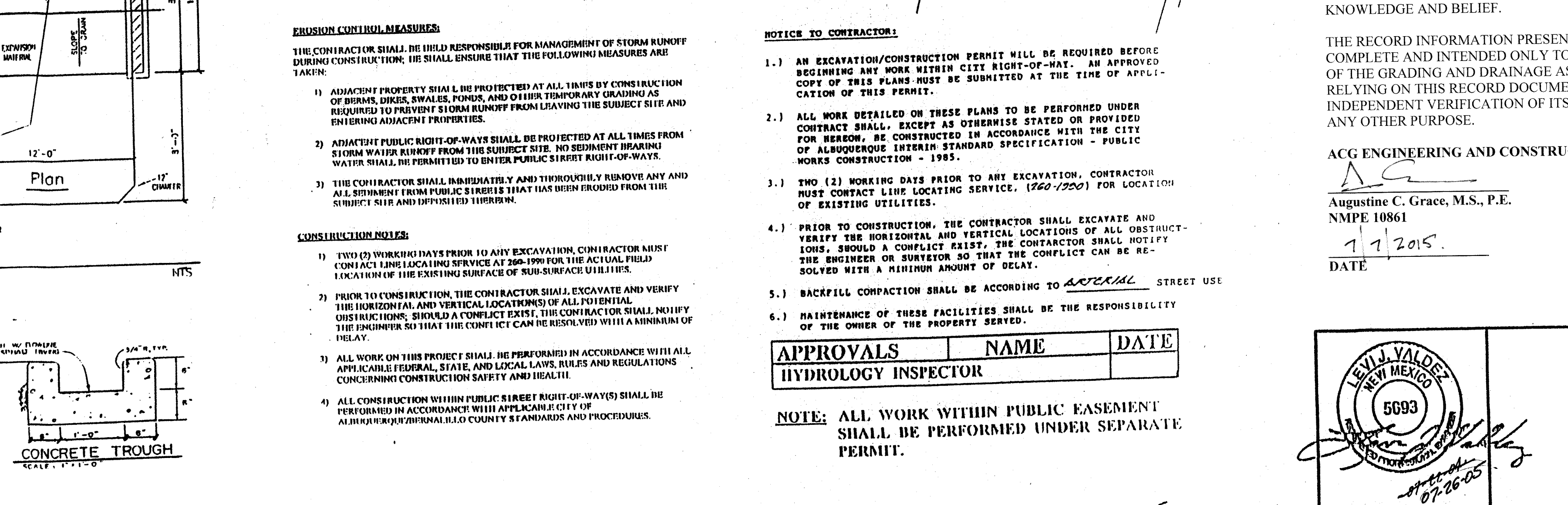
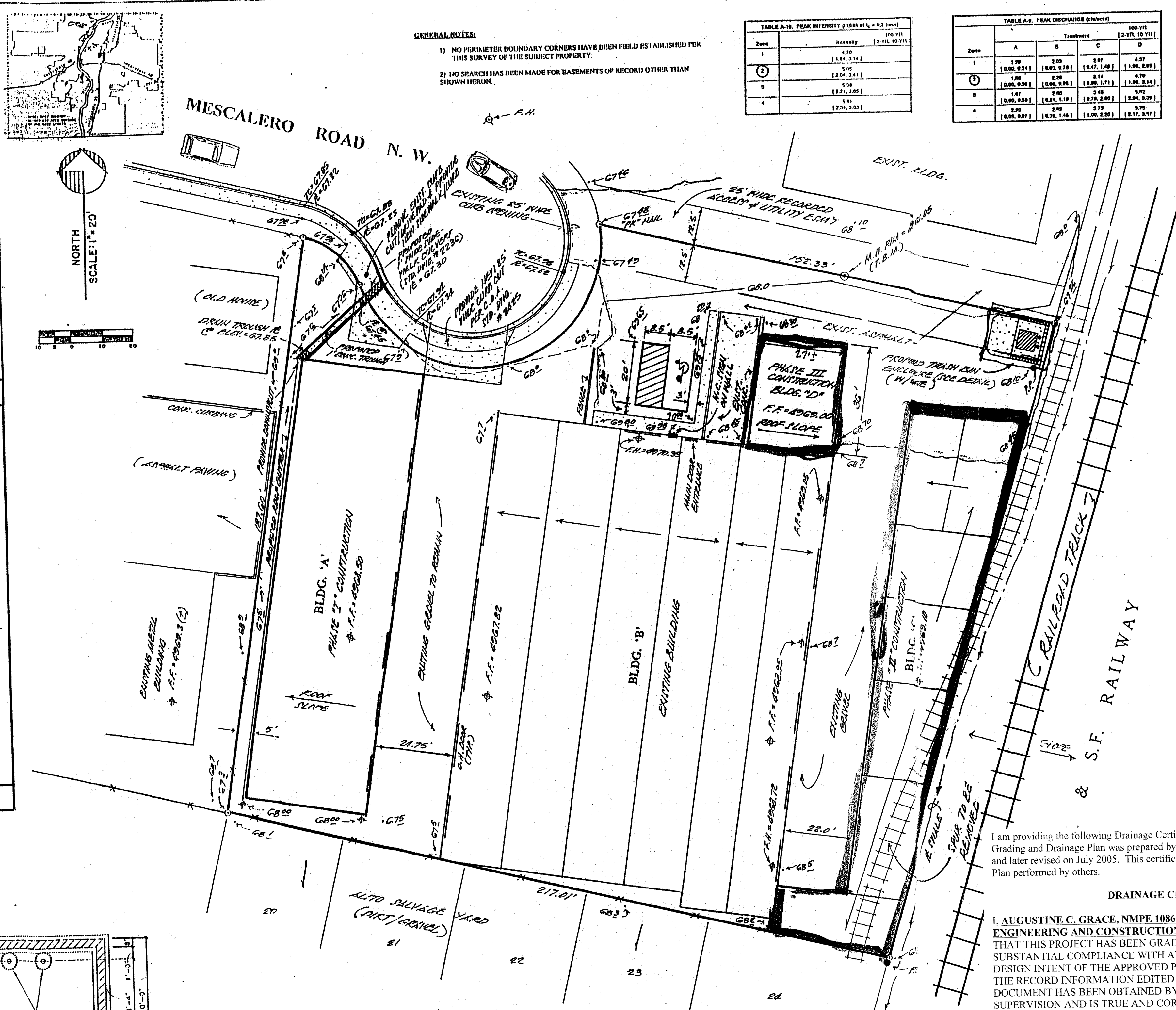
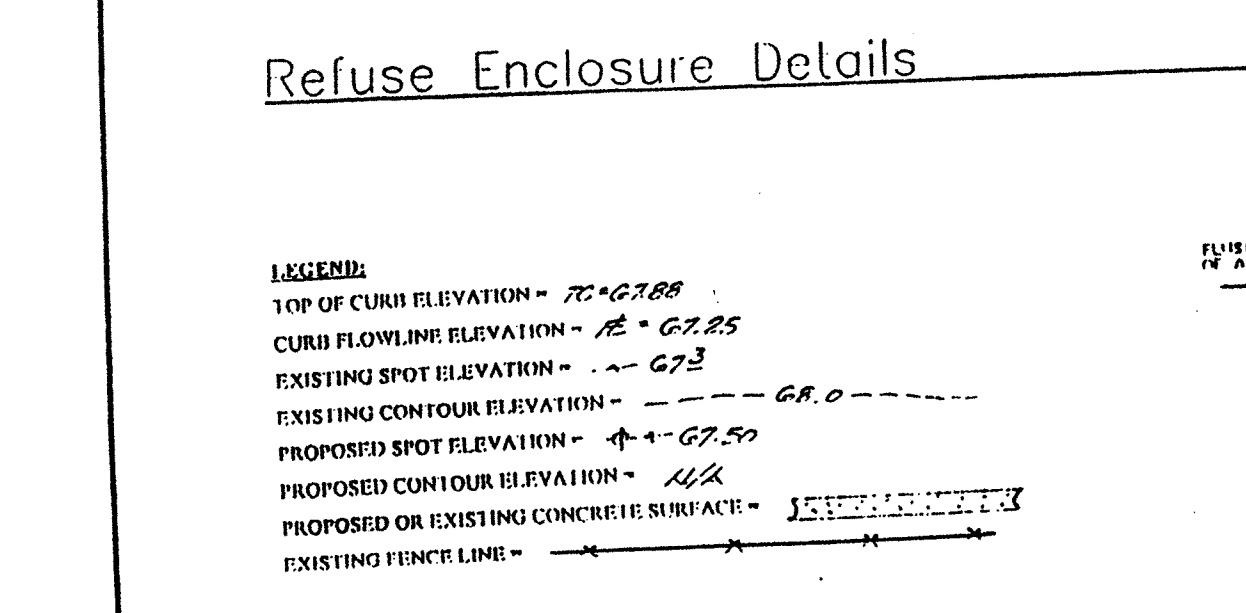
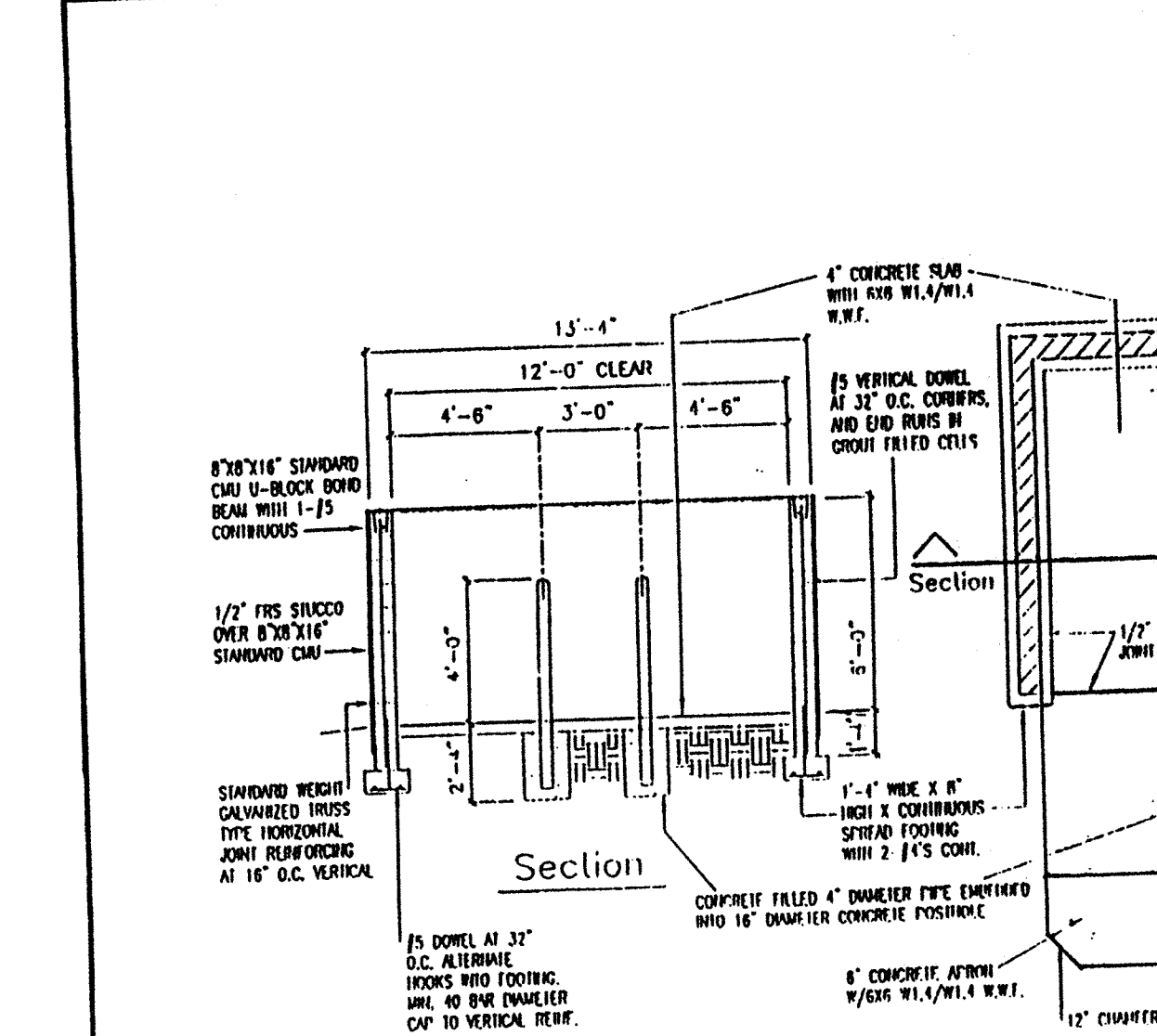


F.E.M.A. PANEL 332 OF 825



### PRECIPITATION ZONES

Drainage District's precipitation zones are indicated in TABLE A-1 and on FIGURE A-1.

Zone	Location
1	West of the 10th Street
2	Between the 10th Street and the 20th Street
3	Between the 20th Street and the 30th Street
4	East of the 30th Street

### LAND TREATMENTS

Treatment	Land Condition
A	Soil unsaturated by human activity with 0 to 10 percent slope. (Grass, weeds, and shrubs in typical densities with minimal disturbance to grading, groundwater and infiltration capacity. Clayloam, Unflooded areas.)
B	Saturated loam, peat and silt covers with 0 to 10 percent slope. (Grass, weeds, and shrubs in typical densities with minimal disturbance to grading, groundwater and infiltration capacity. Clayloam, Unflooded areas.)
C	Soil unsaturated by human activity. (Grass, weeds, and shrubs in typical densities with minimal disturbance to grading, groundwater and infiltration capacity. Clayloam, Unflooded areas.)
D	Soil unsaturated by human activity. (Grass, weeds, and shrubs in typical densities with minimal disturbance to grading, groundwater and infiltration capacity. Clayloam, Unflooded areas.)

### DRAINAGE COMMENTS

AS SHOWN ON THE VICINITY MAP HEREON, THE SUBJECT SITE IS LOCATED AT THE EAST END OF MESCALERO ROAD N.W. (A CUL-DE-SAC STREET) WHICH LIES EAST OF 2<sup>ND</sup> STREET N.W. IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO. AS SHOWN ON F.E.M.A. PANEL 332 OF 825, THE SUBJECT SITE IS NOT LOCATED WITHIN A DESIGNATED FLOODPLAIN, HOWEVER, THERE IS AN A0.1 DEPTH FLOODING CONDITION APPROXIMATELY 250' DOWNSTREAM AND WEST OF THE SUBJECT SITE HEREIN.

THE SUBJECT PROPERTY, 1) DOES NOT CONTRIBUTE TO THE OFFSITE FLOWS OF ADJACENT PROPERTIES, 2) DOES NOT ACCEPT OFFSITE FLOWS FROM ADJACENT PROPERTIES, 3) IS NOT LOCATED WITHIN A DESIGNATED FLOODPLAIN (THE FREE DISCHARGE OF THE PROPOSED DEVELOPED FLOWS THAT WILL HAVE AN INCREASE OF 0.41 CFS TO THE EXISTING CONDITIONS WILL NOT HAVE AN ADVERSE EFFECT TO DOWNSTREAM PROPERTIES), 4) IS NOT LOCATED ADJACENT TO AN ARTIFICIAL OR NATURAL WATER COURSE.

### DRAINAGE CALCULATIONS

SITE AREA = 1.03 ACRES  
 PRECIPITATION ZONE = TWO (2)  
 PEAK INTENSITY IN AIR AT 1c = TWELVE (12) MINUTES, 100-YR = 5.05

TREATMENT	AREA/ACRES	FACTOR	CFS
C	0.18	X 4.70	0.85
D	0.55	X 4.70	2.59

"Op" = 4.00 CFS

### PROPOSED DEVELOPED CONDITIONS

TREATMENT	AREA/ACRES	FACTOR	CFS
C	0.21	X 4.70	0.99
D	0.82	X 4.70	3.85

"Op" = 4.84 CFS  
 \*\*\*\* INCREASE = 0.41 CFS

**NOTE: PHASE III CONSTRUCTION OF BLDG. "D" WILL BE CONSTRUCTED OVER WHAT IS NOW ASPHALT PAVING; THEREFORE, THERE IS NO INCREASE OF DEVELOPED FLOW.**

I am providing the following Drainage Certification for the referenced location. A Grading and Drainage Plan was prepared by others (Levi Valdez, PE) dated July, 2004 and later revised on July 2005. This certification references the Grading and Drainage Plan performed by others.

### DRAINAGE CERTIFICATION

I, AUGUSTINE C. GRACE, NMPE 10861, OF THE FIRM OF ACG ENGINEERING AND CONSTRUCTION MANAGEMENT, 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 JULY, 2005 REVISION. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

THE RECORD INFORMATION PRESENTED HEREON 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.

ACG ENGINEERING AND CONSTRUCTION MANAGEMENT  
 Augustine C. Grace, M.S., P.E.  
 NMPE 10861  
 7/7/2015  
 DATE

### LEGAL DESCRIPTION

LOTS "B", "C", AND "D", CAMPBELL'S ADDITION NO. 1, TO THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, (CITY ZONE ATLAS "G-15-Z").

### BENCH MARK REFERENCE

STATION "BM-47-10", LOCATED ON THE NORTH MEDIAN OF THE INTERSECTION OF 2<sup>ND</sup> STREET N.W. AND MESCALERO ROAD N.W., M.S.L. ELEVATION = 4967.50, (PROJECT T.B.M. AS SHOWN ON THE PLAN HEREON).





# City of Albuquerque

Planning Department

Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

201492172  
201492173

Project Title: COMMERCIAL SELF STORAGE Building Permit #: \_\_\_\_\_ City Drainage #: \_\_\_\_\_  
DRM#: \_\_\_\_\_ EPC#: \_\_\_\_\_ Work Order#: \_\_\_\_\_

Legal Description: CAMPBELL ADDITION NO. 1

City Address: 101 & 106 MESCALERO RD. NW 87107

Engineering Firm: ACG ENGINEERING & CONSTRUCTION MGT.

Contact: AUGUSTINE GRACE, P.E.

Address: 10021 CORONA AVE. NE ALBUQUERQUE, NM 87122

Phone#: 505-379-3671

Fax#: \_\_\_\_\_

E-mail: ACGENGINEERING@GMAIL.COM

Owner: COMMERCIAL SELF-STORAGE

Contact: JEFF JESIONOWSKI

Address: 100 MESCALERO RD. NW ALBUQ. NM 87107

Phone#: 505-289-0991

Fax#: \_\_\_\_\_

E-mail: Jeff@amcdevelopment.net

Architect: \_\_\_\_\_

Contact: \_\_\_\_\_

Address: \_\_\_\_\_

Phone#: \_\_\_\_\_

Fax#: \_\_\_\_\_

E-mail: \_\_\_\_\_

Surveyor: \_\_\_\_\_

Contact: \_\_\_\_\_

Address: \_\_\_\_\_

Phone#: \_\_\_\_\_

Fax#: \_\_\_\_\_

E-mail: \_\_\_\_\_

Contractor: SAME AS ENGINEERING FIRM

Contact: \_\_\_\_\_

Address: \_\_\_\_\_

Phone#: \_\_\_\_\_

Fax#: \_\_\_\_\_

E-mail: \_\_\_\_\_

### TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL G & D PLAN
- ☐ GRADING PLAN
- ☐ EROSION & SEDIMENT CONTROL PLAN (ESC)
- ☐ ENGINEER'S CERT (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEER'S CERT (TCL)
- ☐ ENGINEER'S CERT (DRB SITE PLAN)
- ☐ ENGINEER'S CERT (ESC)
- ☐ SO-19
- ☐ OTHER (SPECIFY) \_\_\_\_\_

### CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☐ SIA/FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D APPROVAL
- ☐ S. DEV. FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY (PERM)
- ☐ CERTIFICATE OF OCCUPANCY (TCL TEMP)
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☒ GRADING CERTIFICATION
- ☐ SO-19 APPROVAL
- ☐ ESC PERMIT APPROVAL
- ☐ ESC CERT. ACCEPTANCE
- ☐ OTHER (SPECIFY) \_\_\_\_\_

WAS A PRE-DESIGN CONFERENCE ATTENDED: \_\_\_\_\_

Yes

No

Copy Provided

DATE SUBMITTED: 07/16/15

By: AUGUSTINE GRACE, P.E.

A.C.

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres
3. **Drainage Report:** Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more
4. **Erosion and Sediment Control Plan:** Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre that are part of a larger common plan of development

# CITY OF ALBUQUERQUE



July 23, 2015

Augustine C. Grace, PE  
ACG Engineering and Construction LLC  
10021 Corona NE  
Albuquerque, NM 87122

**Re: Stormax Storage  
106 & 109 Mescalero Rd. NW  
Request for 180 day Temporary C.O. - Accepted  
Engineer's Stamp dated: 7-26-05 (G15D009)  
Certification dated: 7-7-15**

Dear Mr. Grace,

Based on the Certification received 7/23/2015, the site is acceptable for release of a 180 day Temporary Certificate of Occupancy by Hydrology.

However, before a permanent CO can be accepted the following comments must be addressed.

- The Drainage Certification language must be imbedded onto the plans and not taped.
- As-built elevations/spot must be provided.

An inspection by our office will need to take place after plan is provided.

PO Box 1293

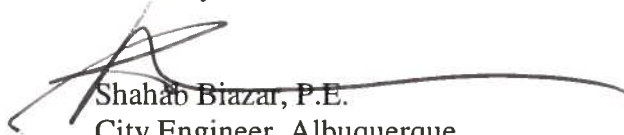
Albuquerque

New Mexico 87103

If you have any questions, you can contact me at 924-3999 or Rudy Rael at 924-3977.

[www.cabq.gov](http://www.cabq.gov)

Sincerely,

  
Shahab Biazar, P.E.  
City Engineer, Albuquerque  
Planning Department

C: RR/SB  
CO Clerk  
email