

PROJECT TITLE: Don Keith Mini Storage ZONE ATLAS/DRNG. FILE #: K11-D54  
JOB #: \_\_\_\_\_ EPC #: \_\_\_\_\_ WORK ORDER #: \_\_\_\_\_  
LEGAL DESCRIPTION: POR TRACT No 76 Town of ATRISCO Grant  
PROPERTY ADDRESS: \_\_\_\_\_  
ENGINEERING FIRM: Lovelady & Associates CONTACT: Frank D. Lovelady  
ADDRESS: 300 ALAMOSA NW PHONE: 545-2267  
OWNER: Don Keith & Assoc CONTACT: Don Keith  
ADDRESS: 7116 Edwina CT NE PHONE: 884-4070  
ARCHITECT: Rick Bennett, Architect CONTACT: Rick Bennett  
ADDRESS: 1118 PARK AVE SW 87102 PHONE: 242-1859  
SURVEYOR: SOUTHWEST SURVEY CO INC CONTACT: DAH GRAHEY  
ADDRESS: 333 LOMAS BLVD. NE 87102 PHONE: 247-4444  
CONTRACTOR: RAM CONSTRUCTION CONTACT: Wayne Lujan  
ADDRESS: 1321 TOBACO RD. PHONE: 452-1266

## TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT  
☐ DRAINAGE PLAN  
☐ CONCEPTUAL GRADING & DRAINAGE PLAN  
☒ GRADING PLAN  
☐ EROSION CONTROL PLAN  
☐ ENGINEER'S CERTIFICATION  
☐ OTHER

## CHECK TYPE OF APPROVAL SOUGHT:

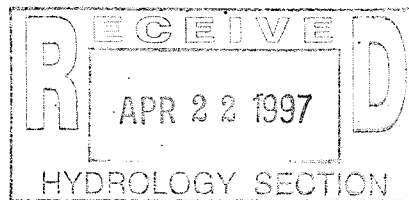
☐ SKETCH PLAT APPROVAL  
☐ PRELIMINARY PLAT APPROVAL  
☐ S. DEV. PLAN FOR SUB'D. APPROVAL  
☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL  
☐ SECTOR PLAN APPROVAL  
☐ FINAL PLAT APPROVAL  
☐ FOUNDATION PERMIT APPROVAL  
☒ BUILDING PERMIT APPROVAL  
☐ CERTIFICATE OF OCCUPANCY APPROVAL  
☐ GRADING PERMIT APPROVAL  
☐ PAVING PERMIT APPROVAL  
☐ S.A.D. DRAINAGE REPORT  
☐ DRAINAGE REQUIREMENTS  
☐ OTHER \_\_\_\_\_ (SPECIFY)

## PRE-DESIGN MEETING:

☐ YES  
☐ NO  
☐ COPY PROVIDED

DATE SUBMITTED:

BY:

April 18, 1997Frank D. Lovelady



Martin J. Chávez, Mayor

Robert E. Gurulé, Director

May 1, 1997

Frank Lovelady  
Lovelady and Associates  
300 Alamosa NW Albuquerque, New Mexico 87107

RE: REVISED DRAINAGE PLAN FOR DON KEITH MINI STORAGE (K11-D54)  
REVISION DATED 4/16/97

Dear Mr. Lovelady:

Based on the information provided on your April 22, 1997 resubmittal, the above referenced site is approved for Building Permit. Please be advised that if the Building Permit has already been obtained, it is your responsibility to assure that the contractor is given a copy of this revised approved Drainage Plan.

Also, all the other requirements found on the October 9, 1996 letter are still valid.

If I can be of further assistance, please feel free to contact me at 924-3986.

C: Andrew Garcia  
File

Sincerely

A handwritten signature in cursive script that reads 'Bernie J. Montoya'.

Bernie J. Montoya CE  
Associate Engineer

Good for You, Albuquerque!

P.O. Box 1293, Albuquerque, New Mexico 87103



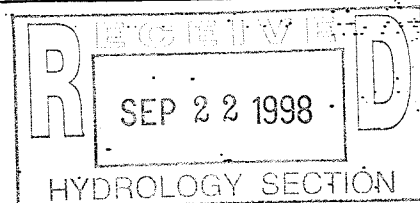
PROJECT TITLE: DON KEITH MINI STORAGE ZONE ATLAS/DRNG. FILE #: K-11/D-54  
 3 #: \_\_\_\_\_ EPC #: \_\_\_\_\_ WORK ORDER #: \_\_\_\_\_  
 GENERAL DESCRIPTION: FOR TRACT 76 WITHIN TOWN OF ATRISCO GRANT  
 PROPERTY ADDRESS: \_\_\_\_\_  
 ENGINEERING FIRM: Lovelady & Associates CONTACT: Frank D. Lovelady  
 ADDRESS: 300 ALAMOSA NW PHONE: 345-2267  
 OWNER: DON KEITH CONTACT: DON KEITH  
 ADDRESS: 7116 EDWINA CT NE PHONE: 884-4070  
 ARCHITECT: RICK BENNETT, ARCHITECT CONTACT: RICK BENNETT  
 ADDRESS: 1118 PARK AVE SW PHONE: 242-1859  
 SURVEYOR: SOUTHWEST SURVEYING CO. CONTACT: DAVE GRANEY  
 ADDRESS: ~~333~~ 333 LOMAS NE PHONE: 847-4444  
 CONTRACTOR: RAM CONSTRUCTION CONTACT: WAYNE LUJAN  
 ADDRESS: 1321 TOBACCO ROAD SW PHONE: 883-2593  
87105

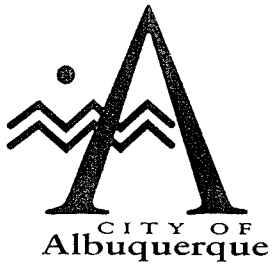
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☒ ENGINEER'S CERTIFICATION  
☐ OTHER

DESIGN MEETING:  
☐ YES  
☐ NO  
☐ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:  
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☐ S.A.D. DRAINAGE REPORT  
☐ DRAINAGE REQUIREMENTS  
☐ OTHER \_\_\_\_\_ (SPECIFY)

DATE SUBMITTED: SEPTEMBER 22, 1998  
 BY: Frank D. Lovelady





October 5, 1998

Frank Lovelady  
Lovelady & Associates  
300 Alamosa NW  
Albuquerque, New Mexico 87107

RE: REVISED ENGINEER CERTIFICATION FOR DON KEITH MINI STORAGE UNITS  
(K11-D54) REVISED CERTIFICATION STATEMENT DATED 9/22/98

Dear Mr. Lovelady:

Based on the information provided on your September 22, 1998 resubmittal, Engineer  
Certification for the above referenced site is acceptable.

If I can be of further assistance, please feel free to contact me at 924-3986.

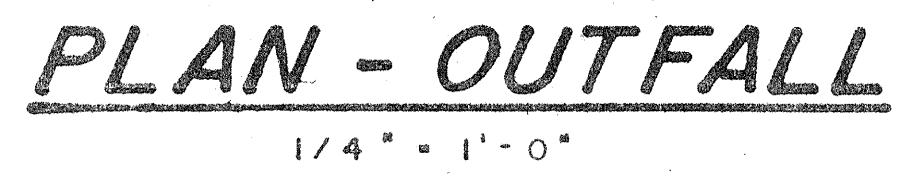
C: Andrew Garcia  
File ✓

Sincerely

Bernie J. Montoya CE  
Associate Engineer

Good for You, Albuquerque!





Land Treatment	EXCESS PRECIPITATION (E) AND UNIT PEAK DISCHARGE (q)			
	100-year q(cfs/acre)	10-year E(Inches)	100-year q(cfs/acre)	10-year E(Inches)
A	1.29	0.24	0.44	0.08
B	2.03	0.76	0.67	0.22
C	2.87	1.49	0.99	0.44
D	4.37	2.89	1.97	1.24

	V100	V10	Q100	Q10
EXISTING	5235	2498	4.00	2.16
PHASE ONE	6388	3458	4.46	2.59
PHASE TWO	7637	4467	5.00	3.10

The street carrying capacity of Dolores Drive is calculated by Manning's Equation based on the Standard Drawing 2415 for roll type curb and assuming a cross slope of 2% from the lip of the curb. Total area =  $2.36 \text{ SLP} + S = 2.625 + 13.5 = 16.13 \text{ ft}$ .  

$$V = A/Vp = 2.36 / 16.13 \text{ s} = 0.1463 \quad S = 0.0414$$

$$V = (1.486 / 0.0107)(0.1463)^{2/3} / (3)(0.0414)^{1/2} = 4.93 \text{ fps}$$

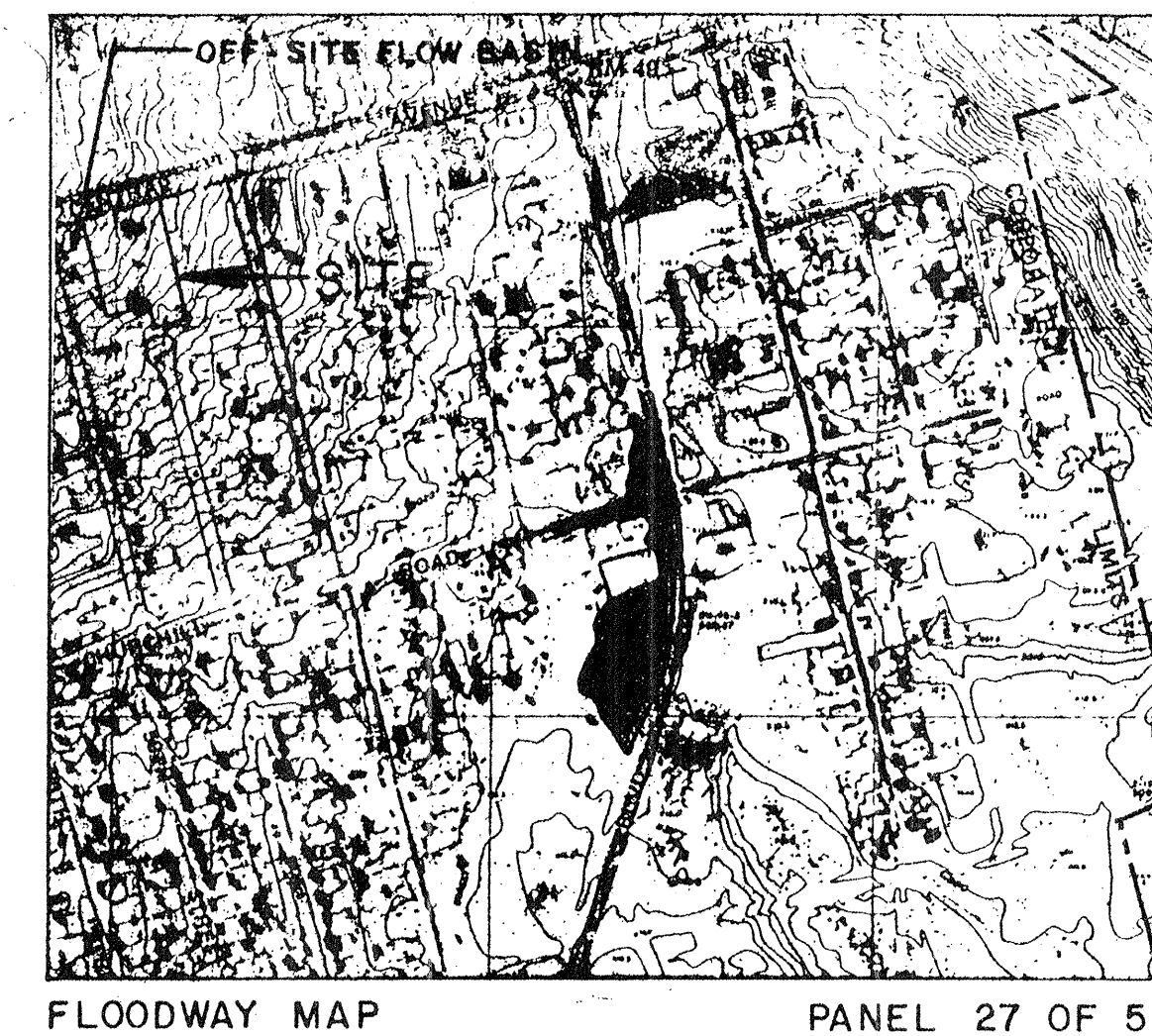
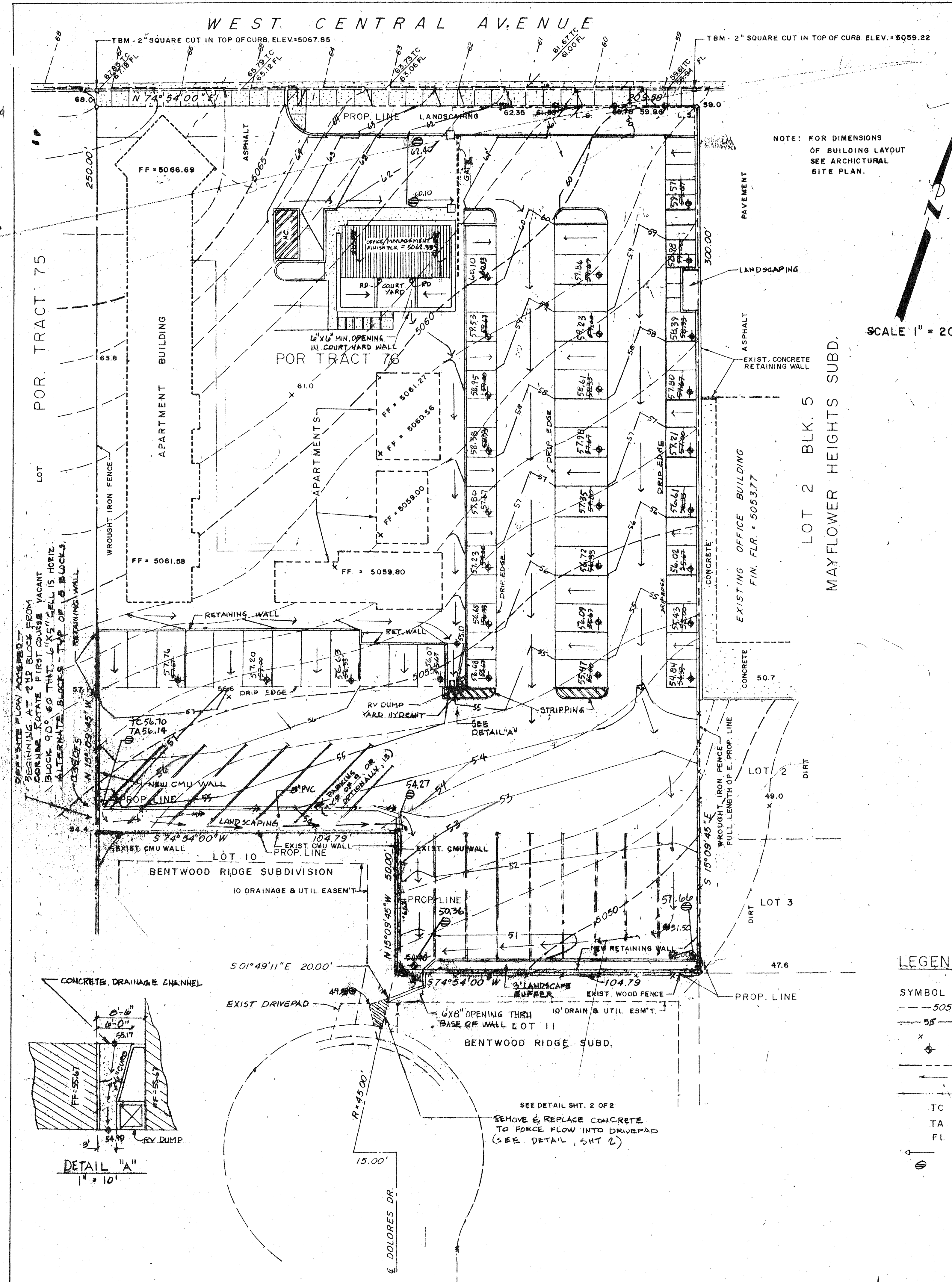
$$Q = AV = 2.36 \times 4.93 = 11.63 \text{ cfs or } 23.26 \text{ cfs for the total street cross section.}$$
There is adequate capacity in the street for the anticipated peak flow.

Frank D. Towle N.M.P.E. 6512 9-22-98  
(Signature) (Date)

FRANK D. LOVELADY  
NO. 13339  
STATE OF TEXAS  
9/14/95  
PROFESSIONAL ENGINEER  
REVISED 5-23-9

FRANK D. LOVELADY P.E. 300 ALAMOSA ROAD N.W. ALBUQUERQUE, N.M. 87107 (505) 345-2267			DON KEITH MINI- STORAGE GRADING & DRAINAGE PLAN			Sheet D-2 of 2
Designed: FDL	Drawn: STAFF	Checked: FDL	Scale: See Details	Date: 4/95	Job: 474	





#### LEGAL DESCRIPTION:

Portion of Tract No. 76 within the Town of Atrisco Grant in Unit No. 6 as filled in Bernalillo County, New Mexico on December 5, 1944.

#### BENCH MARK:

Elevations shown on this plan have been established from New Mexico State Highway Commission Station No. NM 448-C1, located at the intersection of Central Avenue and 59th Street SW. Elevation = 5074.028.

#### EROSION CONTROL NOTES:

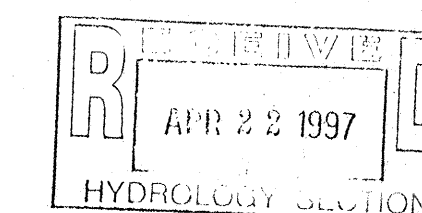
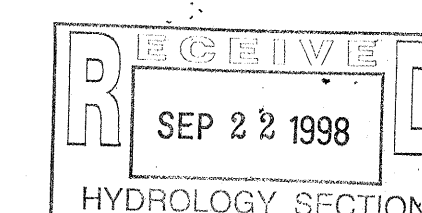
The contractor shall be responsible for compliance with the following:

- No sediment-bearing water shall be allowed to discharge from the site during construction.
- During grading operations and until the project has been completed, all adjacent property, rights-of-way, and easements shall be protected from flooding by runoff from the site.
- Should the contractor fail to prevent sediment-bearing water from entering public right-of-way, he shall promptly remove from the public right-of-way any and all sedimentation originating from the site.
- Control of sediment-bearing waters will be accomplished by use of a compacted earth berm of adequate height. The berm shall be located along the downstream perimeter of the property.

#### ENGINEER'S CERTIFICATION:

Having inspected the site represented by this plan and having taken spot elevations of finish floors and at critical locations, I hereby certify that the as-constructed grading and drainage plan is in substantial compliance with the approved grading and drainage plan with engineer's stamp dated 4/14/95, and most recently revised 4/16/97.

*Frank D. Lovelady* N.M.P.E. 6512 **9/22/98**  
(Signature) (Date)



Revised 9/22/98  
Revised 7/24/98  
Revised 4/16/97  
Revised 2/27/97  
Revised 9/10/96  
Revised 4/14/96

FRANK D. LOVELADY  
N.M.P.E. 6512  
REGISTERED PROFESSIONAL ENGINEER

FRANK D. LOVELADY P.E.  
300 ALAMOSA ROAD N.W.  
ALBUQUERQUE, N.M. 87107  
(505) 345-2267

DON KEITH MINI-STORAGE  
GRADING & DRAINAGE PLAN

Sheet  
D-1  
of  
2

Designed: FDL Drawn: STAFF Checked: FDL Scale: 1"=20' Date: 4/95 Job: 474