

October 5, 1998

Mark Holstad
URS Greiner
5971 Jefferson NE
Albuquerque, New Mexico 87109

RE: ENGINEER AS-BUILT CERTIFICATION FOR UGLY DUCKLING CAR SALES
(K11-D18) CERTIFICATION STATEMENT DATED 9/18/98

Dear Mr. Holstad:

Based on the information provided on your September 18, 1998 submittal, Engineer Certification for the as-built conditions 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!



DRAINAGE INFORMATION SHEET

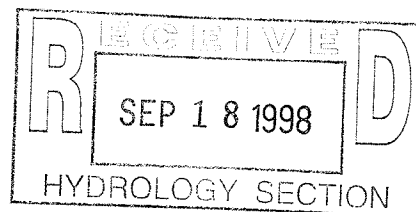
APPLICANT'S NAME: Ugly Duckling ZONE ATLAS/DRNG. FILE #: K11-18
 DRB #: — EPC #: — WORK ORDER #: —
 LEGAL DESCRIPTION: Tract 83-A, Unit No. 6, Town of Atasco Grant
 CITY ADDRESS: 5306 Central SW
 ENGINEERING FIRM: URS Greiner CONTACT: Mark Holstad
 ADDRESS: 5971 Jefferson NE Suite 101 PHONE: 345-3999
 OWNER: Ugly Duckling CONTACT: Ted Silk
 ADDRESS: 1030 North Grand St. PHONE: (602) 813-5325
Gilbert, AZ 85233
 ARCHITECT: NA CONTACT: —
 ADDRESS: — PHONE: —
 SURVEYOR: URS Greiner CONTACT: Bill Houston
 ADDRESS: see above PHONE: —
 CONTRACTOR: Pavement Maintenance Co. CONTACT: John Hale
 ADDRESS: — PHONE: 873-0876
mobile 269-1093

TYPE OF SUBMITTAL:
☒ DRAINAGE REPORT
☒ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☐ GRADING PLAN
☐ EROSION CONTROL PLAN
☒ ENGINEER'S CERTIFICATION
☐ OTHER: —

PRE-DESIGN MEETING:
☒ YES 8/28/98 with Bernie Montoya
☐ NO No minutes.
☐ COPY PROVIDED none

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
☐ SUBDIVISION CERTIFICATION
☐ OTHER — (SPECIFY)

DATE SUBMITTED: 9-18-98
 BY: [Signature]



ALL PROPOSED SPOT ELEVATIONS
REPRESENT FLOWLINE ELEVATIONS,
UNLESS OTHERWISE NOTED WITH "TW,"
"BW," "TC," "FF," "TG," "RIM" OR "INV."

FL	FLOWLINE ELEVATION
TC	TOP OF CURB ELEVATION
BW	GROUND ELEVATION AT BOTTOM OF WALL
TW	GROUND ELEVATION AT TOP OF WALL
FF	FINISH FLOOR ELEVATION
INV	INVERT ELEVATION OF PIPE, INLET OR MANHOLE
RIM	MANHOLE RIM ELEVATION
TG	TOP OF GRATE ELEVATION
PI	POINT OF INTERSECTING FLOWLINES

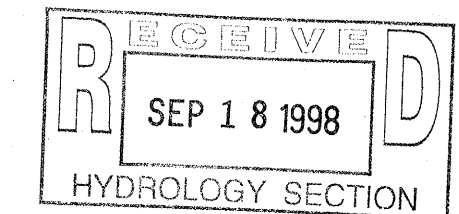
ELEVATION
CONTOUR
CURB
FLOW ARROW
METAL RAIL FENCE
STORM DRAIN INLET
DIRT AREAS TO BE PATCHED
CONC. LAMP POST
POWER POLE
FIRE HYDRANT
WATER METER
SAS MH
WATER VALVE
BOLLARD

NM45-1A - 3 1/4" ALUMINUM CAP SET IN CONCRETE 0.5' ABOVE THE GROUND. STATION IS LOCATED IN THE ISLAND AT THE INTERSECTION OF CENTRAL AVE. AND COORS BLVD. IN THE SE QUADRANT.
ELEV = 5016.739
N = 1,485,616.86
E = 366,198.60

TRACT 83-A, UNIT NO. 6, TOWN OF ATRISCO GRANT, CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO

#12 - MAG NAIL SET IN ASPHALT
ELEV. = 5011.71

#13 - MAG NAIL SET IN S/W
ELEV. = 5006.73



- ① INSTALLED 6" HIGH ASPHALT CURB BETWEEN DRIVEWAYS +/- 1" WEST OF EXISTING SIDEWALK.
- ② PATCHED PAVEMENT CUTS MATCHING EXISTING ASPHALT.
- ③ REMOVED CONCRETE DUMPSTER PAD & REPLACED WITH ASPHALT.
- ④ RESEAL ENTIRE ASPHALT SURFACE.
- ⑤ ADDITIONAL ASPHALT REMOVED AND REPLACED.
- ⑥ NEW CONCRETE CURB.
- ⑦ 3" DRAIN PIPE TO BE REMOVED.

Analysis Procedure:
Per DPM Section 22.2 revised January 1993

6 hour storm

Land Treatment			
Pre-Project	0.583 AC	LT-D	
	0.051 AC	LT-B	Landscaping
Post Project	0.620 AC	LT-D	
	0.014 AC	LT-B	Landscaping

Flow Discharge	Pre-Project	Post-Project
Q100 =	$(0.583 * 4.37) + (0.051 * 2.03) = 2.65$ cfs	
Q10 =	$(0.583 * 2.89) + (0.051 * 0.76) = 1.72$ cfs	
Q100 =	$(0.620 * 4.37) + (0.014 * 2.03) = 2.73$ cfs	
Q10 =	$(0.620 * 2.89) + (0.014 * 0.76) = 1.80$ cfs	

Post Project 100 yr
Weighted E = $(0.620 * 1.97) + (0.014 * .67) = 1.23$
Volume 100 = $1.23 * 0.634 = 0.780 / 12 = 0.065$ AF

Soil Type per Bernalillo County Soil Survey
MWA or Madurez - Hyd. Soil Group B

I, MARK S. HOLSTAD, A REGISTERED ENGINEER, DO HEREBY CERTIFY THE DRAINAGE AND GRADING CONDITIONS FOR THE UGLY DUCKLING SITE PLAN AS BEING SUBSTANTIALLY CONSTRUCTED IN COMPLIANCE WITH THIS DRAINAGE AND GRADING PLAN.

PLAN. *[Signature]* 9-15-82
MARK S. HOISTAD DATE

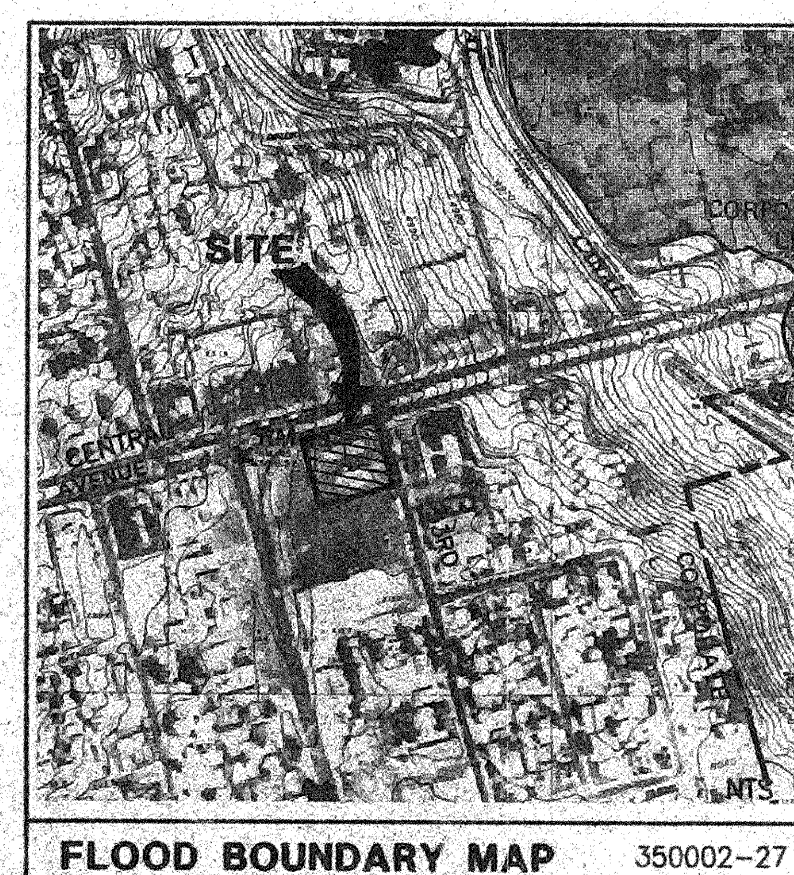
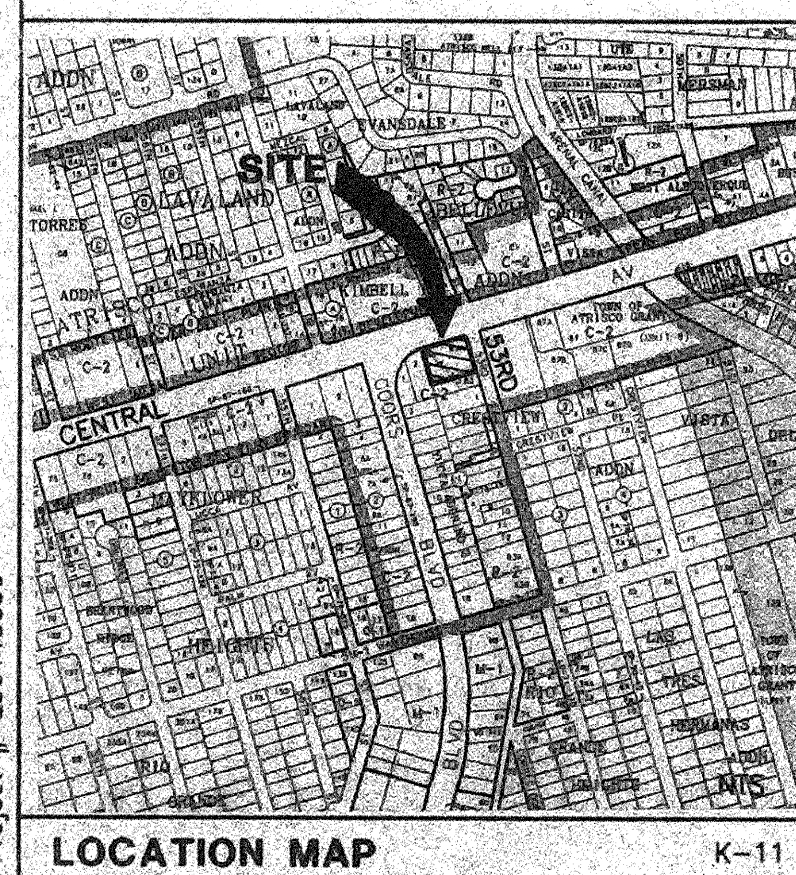
APPROVALS	NAME	DATE
HYDROLOGY		
INSPECTOR		
A.C.E./FIELD		

GRADING,
DRAINAGE &
PAVING PLAN

SHEET
OF 1

URS Greiner
5971 JEFFERSON BLVD. NE
SUITE 101
ALBUQUERQUE, NM 87109
(505) 345-3999

A DRAINAGE & GRADING PLAN FOR
UGLY DUCKLING CAR SALES
ALBUQUERQUE, NEW MEXICO



Filename: p:\surv\site.dwg
Project # E30145600