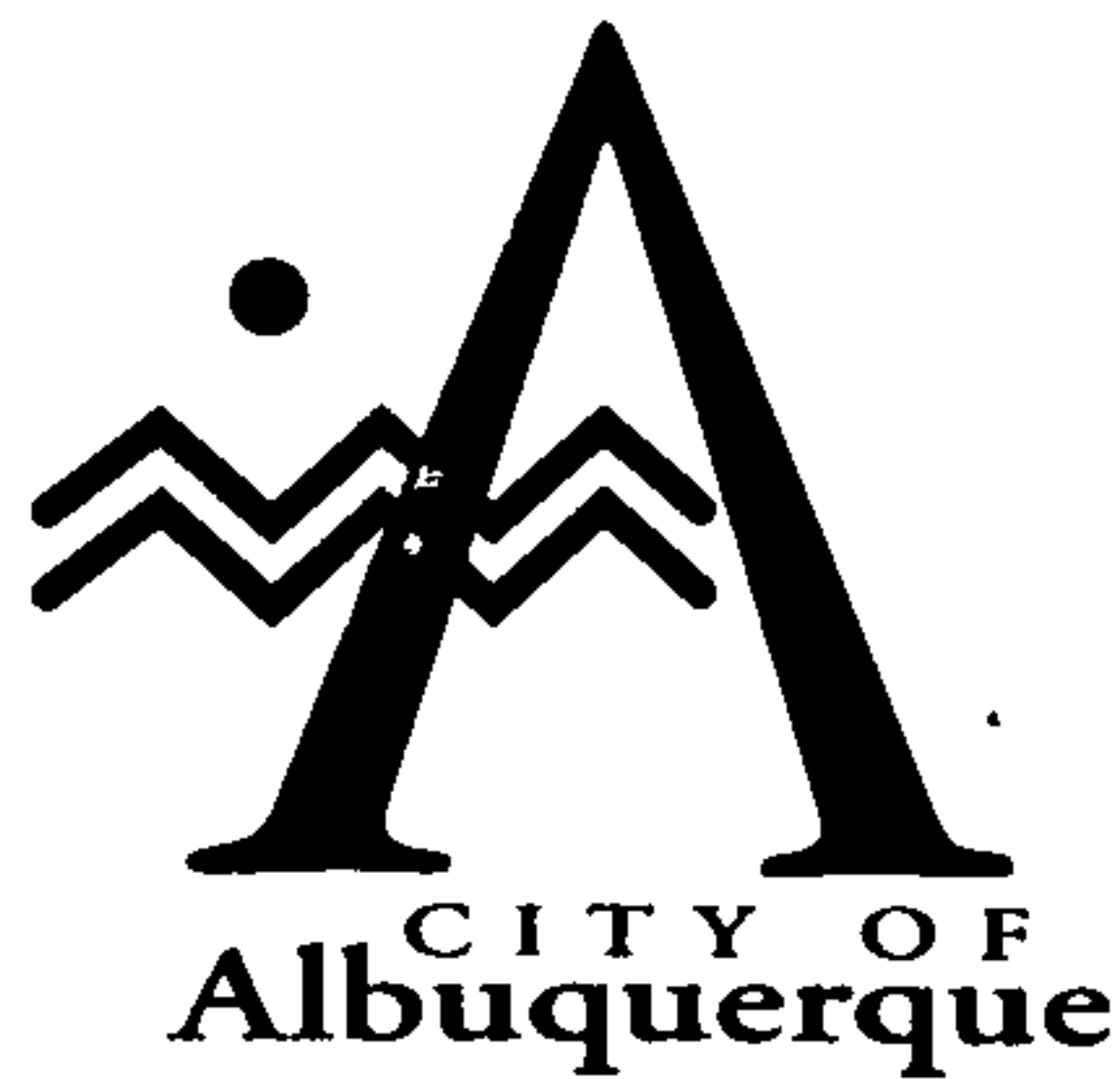




June 5, 1996

Martin J. Chávez, Mayor

Mark Goowin
Mark Goodwin & Associates
P.O. Box 90606
Albuquerque, NM 87199

RE: ENGINEER CERTIFICATION FOR EWING PLASTICS (C17-D14D)
ENGINEER'S CERTIFICATION STATEMENT DATED 5/10/96.

Dear Mr. Goodwin:

Based on the information provided on your May 13, 1996 submittal, Engineer Certification for the above referenced site is acceptable.

If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,


Bernie J. Montoya, CE
Engineering Associate

BJM/dl

c: Andrew Garcia
File 





City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

January 17, 1996

Mark Goodwin
Mark Goodwin & Associates
P.O. Box 90606
Albuquerque, NM 87199

RE: REVISED DRAINAGE PLAN FOR EWING PLASTICS (C17-D14D)
REVISION DATED 1/8/96.

Dear Mr. Goodwin:

Based on the information provided on your January 9, 1996 resubmittal, the above referenced site is approved for Building Permit and S.O. 19.

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

Also, a separate permit is required for construction within City Right-of-Way. A copy of this approval letter must be on hand when applying for the excavation permit.

Prior to Certificate of Occupancy release, Engineer Certification per the D.P.M. checklist will be required.

If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,

Bernie J. Montoya, CE
Engineering Associate

BJM/dl

c: Andrew Garcia
Arlene Portillo
File



D. Mark Goodwin & Associates, P.A.
Consulting Engineers and Surveyors

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 345-2010

January 8, 1996

*Mr. Bernie Montoya
Hydrology Division
City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87103*

Re: Ewing Plastics – C17/D14D

Dear Mr. Montoya:

We offer the following comments to your letter of December 15, 1995:

- 1. Roof drains are now shown.*
- 2. Sample weir calculation is attached.*
- 3. Sediment control will be within the graveled parking / ponding area. The gravel will help reduce the oils, and the slope of 0.7% shall reduce the velocity such that sediment deposition should occur.*

With this response, we hereby request Building Permit Approval. Please contact our office if you have any further questions or comments.

Sincerely,

MARK GOODWIN & ASSOCIATES, P.A.

A handwritten signature in black ink, appearing to read 'Mark Goodwin', is written over the printed name and title.

*Mark Goodwin, P.E.
President*

DMG/sr

JAN - 9



D. Mark Goodwin & Associates, P.A.
Consulting Engineers and Surveyors

PROJECT EWING
SUBJECT DRAINAGE
BY MG DATE 1/2/94
CHECKED _____ DATE _____
SHEET 1 OF 1

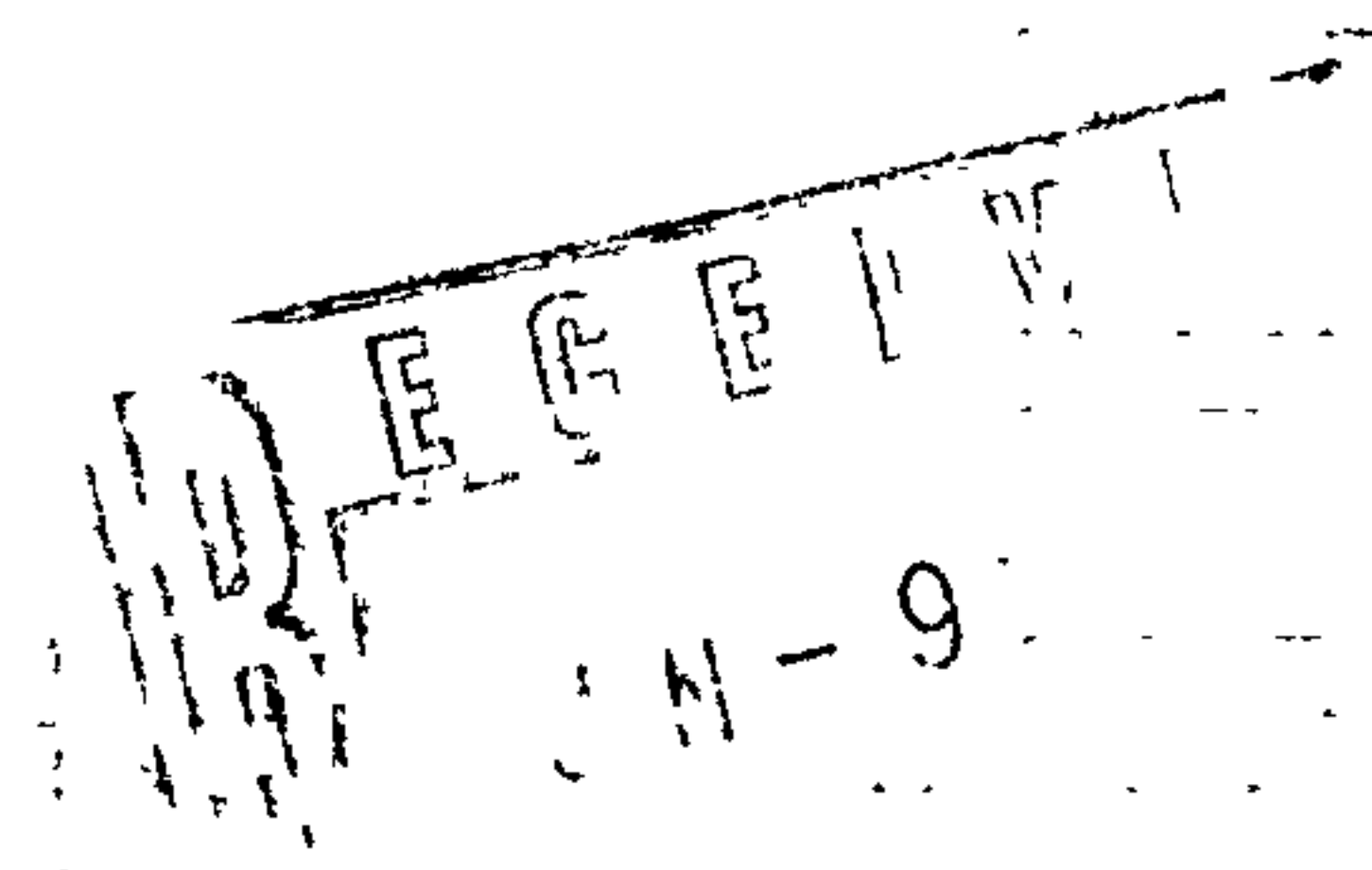
Sample Weir Calculation:

$$Q = CLH^{3/2}$$

$$C = 2.9$$

$$L = 4'$$

$$\text{For } H = 0.2' \Rightarrow Q = 2.9(4)(.2)^{3/2} = 1.04 \text{ cfs}$$



DRAINAGE INFORMATION SHEET

PROJECT TITLE: Ewing Plastics ZONE ATLAS/DRNG, FILE#: C-17 / 1145
DRB #: _____ EPC #: _____ WORK ORDER #: _____
LEGAL DESCRIPTION: Tract D-1A3, Unit I, Loop Industrial District
CITY ADDRESS: San Mateo and Wilshire

ENGINEERING FIRM: <u>Mark Goodwin & Associates PA</u>	CONTACT: <u>Mark Goodwin PE</u>
ADDRESS: <u>PO Box 90606</u>	PHONE: <u>345-2010</u>
OWNER: <u>Ewing Plastics</u>	CONTACT: <u>Connie Osborne</u>
ADDRESS: <u>1305 Tijeras, NW</u>	PHONE: <u>842-1113</u>
ARCHITECT: <u>Claudio Vigil Architects</u>	CONTACT: <u>Connie Osborne</u>
ADDRESS: <u>1305 Tijeras NW</u>	PHONE: <u>842-1113</u>
SURVEYOR: <u>Harris Surveying</u>	CONTACT: <u>Tony Harris</u>
ADDRESS: <u>2412 Monroe NE</u>	PHONE: <u>889-8056</u>
CONTRACTOR: <u>N/A</u>	CONTACT: _____
ADDRESS: _____	PHONE: _____

TYPE OF SUBMITTAL:

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

PRE-DESIGN MEETING:

☐ YES
☒ NO
☐ COPY PROVIDED

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
☐ CERTIFICATION OF OCCUPANCY APPROVAL
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER _____ (Specify)

DATE SUBMITTED: 1/8/96

BY: Mark Goodwin

Mark Goodwin PE

JAN - 9



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 15, 1995

Mark Goodwin
Mark Goodwin & Associates
P.O. Box 90606
Albuquerque, NM 87199

RE: DRAINAGE PLAN FOR EWING PLASTICS (C17-D14D) ENGINEER'S
STAMP DATED 12/4/95.

Dear Mr. Goodwin:

Based on the information provided on your December 11, 1995 submittal, the above referenced site is approved for Foundation permit. Please be advised that prior to Building Permit release, the following concerns must be addressed:

1. Direction & location of roof drains.
2. Please show your full calculations for determining the sidewalk culvert capacity using the Weir equation.
3. What type of sediment control do you propose within the binding area prior to out letting through the culverts?

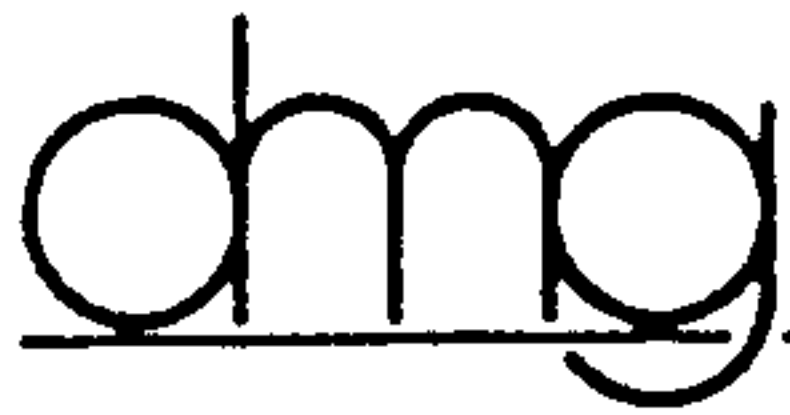
If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,

Bernie J. Montoya, CE
Engineering Associate

BJM/dl

c: Andrew Garcia
File



D. Mark Goodwin & Associates, P.A.
Consulting Engineers and Surveyors

PROJECT Ewing Plastics
SUBJECT Drainage
BY MG DATE 12/1/95
CHECKED _____ DATE _____
SHEET 1 OF _____

This project comprises an area of 0.82 Ac. that drains to Wilshire.

This site contributes flow to the system constructed with SAD 201. Per that Drainage Report, the allowable Q is to be the Developed 10 year Rate.

Precipitation Zone 2

$P_1 = 2.01$ in. $P_2 = 2.35$ in. $P_4 = 2.75$ in.

Land Treatments:

Treatment A = 0

Treatment B = 0.15 = 18%

Treatment C = 0.26 = 32%

Treatment D = 50% .41

Per Attached AHJMO $Q_{100} = 3.14$ cfs

$Q(\text{allowable}) = 0.667(3.14) = 2.1$ cfs

We will use the gravelled storage area @ the west end for detention ponding & control discharge via sidewalk culverts.

using 2-24" sw culverts acting as weir:

H	Q
0.1	0.37
0.2	1.04
0.3	1.91
0.4	2.93

$$Q = CLH^{3/2}$$
$$Q = 3.33(1)(1)^{1.5}$$



D. Mark Goodwin & Associates, P.A.
Consulting Engineers and Surveyors

PROJECT EWING
SUBJECT DRAINAGE
BY MG DATE 12/1/95
CHECKED _____ DATE _____
SHEET 2 OF _____

Elev.	Δ	Area	Avg Area	Vol.
60.78		0		
	0.1		225	22.50
60.88		450		105.00
	0.1		1050	
60.98		1650		217.5
	0.1		2175	
61.08		2700		285.0
	0.1		2850	
61.18		3000		312.5
	0.1		3125	
61.28		3250		

with this design, Peak $Q = 2.6$ (close)
with Max. $H_2O = 61.15$

DEC 1 1

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Ewing Plastics ZONE ATLAS/DRNG, FILE#: C-17/0140
DRB #: _____ EPC #: _____ WORK ORDER #: _____
LEGAL DESCRIPTION: Tract D-1A3, Unit I, Loop Industrial District
CITY ADDRESS: San Mateo and Wilshire

ENGINEERING FIRM: Mark Goodwin & Associates PA CONTACT: Mark Goodwin PE
ADDRESS: PO Box 90606 PHONE: 345-2010
OWNER: Ewing Plastics CONTACT: Connie Osborne
ADDRESS: 1305 Tijeras, NW PHONE: 842-1113
ARCHITECT: Claudio Vigil Architects CONTACT: Connie Osborne
ADDRESS: 1305 Tijeras NW PHONE: 842-1113
SURVEYOR: Harris Surveying CONTACT: Tony Harris
ADDRESS: 2412 Monroe NE PHONE: 889-8056
CONTRACTOR: N/A CONTACT: _____
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TYPE OF SUBMITTAL:

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PRE-DESIGN MEETING:

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☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER _____ (Specify)

DATE SUBMITTED: 12/4/95

BY: Mark Goodwin
Mark Goodwin PE

