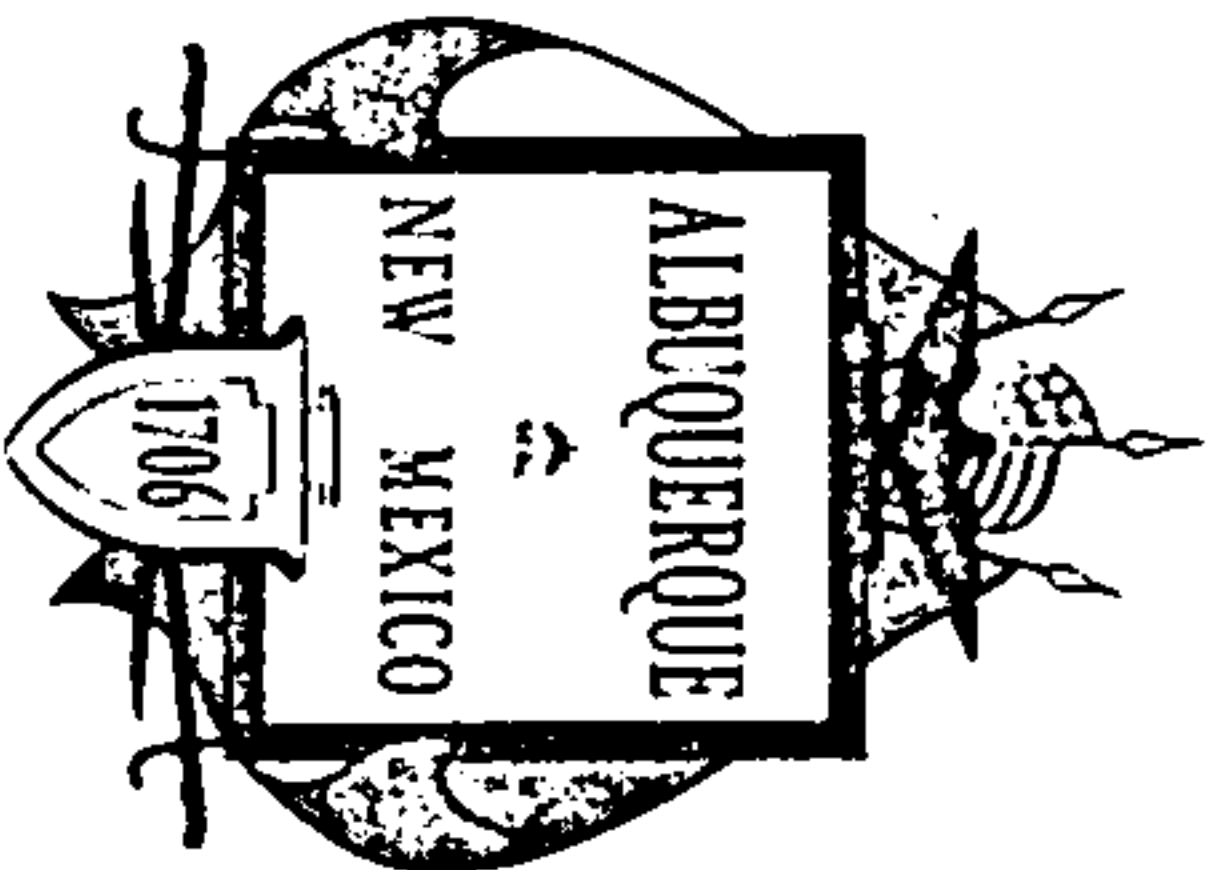




City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

October 8, 1992

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

RE: REVISED-ENGINEER CERTIFICATION FOR FUSION, INC. (M15-D23D)
CERTIFICATION STATEMENT DATED 9/24/92.

Dear Mr. Goodwin:

Based on the information provided on your September 28, 1992 resubmittal, Engineer Certification for the above referenced site is acceptable for Engineer Certification.

Please be advised that if the adjacent site is not developed in the near future, the required berm will need to be upgraded to provide protection to Fusion Inc.

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

Sincerely,

Bernie J. Montoya, CE
Engineering Assistant

BJM/d1/WPHYD/3671

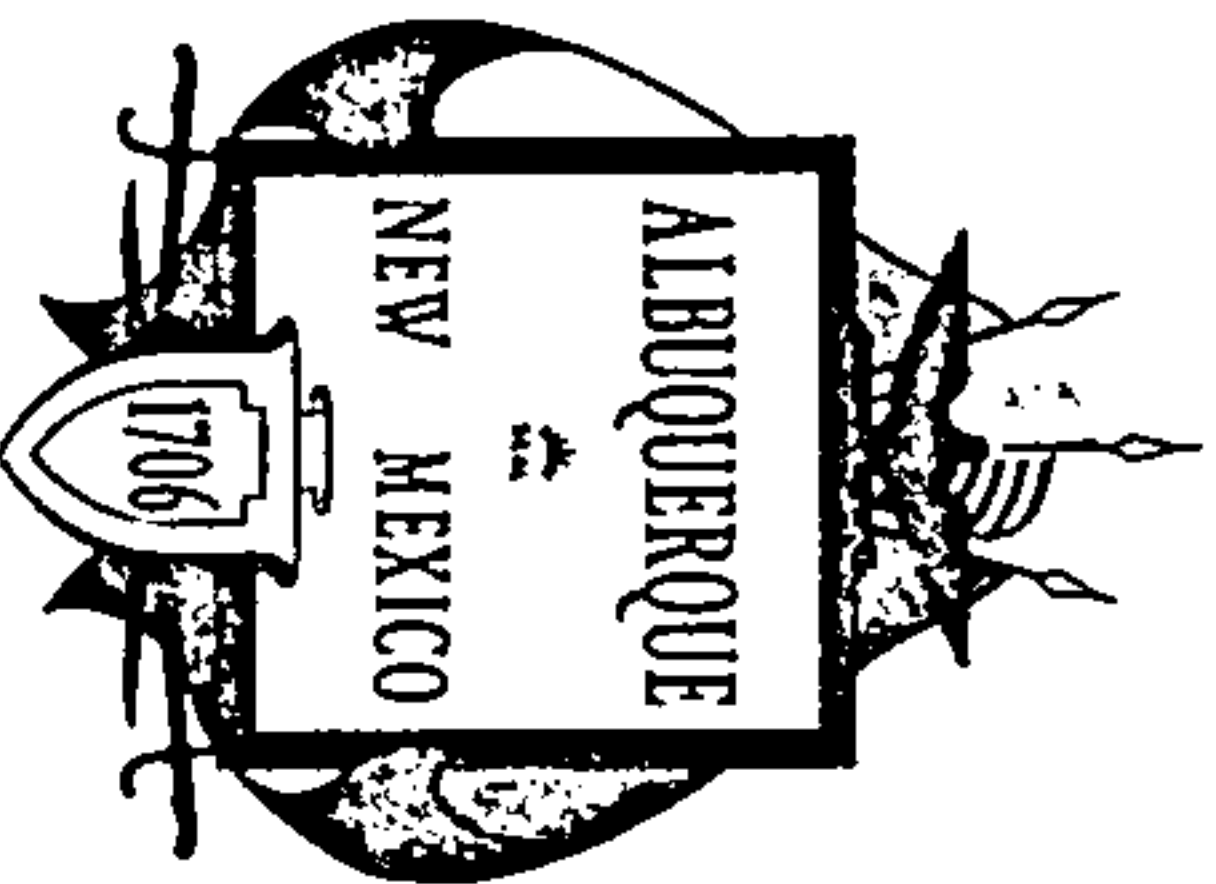
xc: Alan Martinez
File

PUBLIC WORKS DEPARTMENT

Walter H. Nickerson, Jr., P.E.
Assistant Director Public Works

ENGINEERING GROUP

Telephone (505) 768-2500



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

September 22, 1992

Mark Goodwin
D. Mark Goodwin & Associates
P.O. Box 90606
Albuquerque, New Mexico 87199

RE: ENGINEER CERTIFICATION FOR FUSION, INC. (M-15/D23D) CERTIFICATION
STATEMENT DATED SEPTEMBER 7, 1992

Dear Mr. Goodwin:

Based on the information provided on your September 9, 1992 submittal, Engineer Certification for the above referenced site is not acceptable for the following reasons:

1. Swale on the east side of the property which intercepts the off-site flows is not adequate to handle the flows. A field survey indicated that there exists a low point within the berm which will allow the runoff to be routed towards the west and not the asphalt rundown.
2. Large erosion cuts are evident on the north side from the downsput. The erosion problem must be addressed.
3. Downsput on the northwest corner of building has already caused erosion and sediment onto the swale along the west side of the building.
4. Original approved plan indicates a wall on the northeast corner of the building, wall does not exist.

If I can be of further assistance, please feel free to contact me at 768-3667.

Sincerely,

Bernie J. Montoya
Bernie J. Montoya, CE
Engineering Assistant

BJM:jc
WP+3097

PUBLIC WORKS DEPARTMENT

Walter H. Nickerson, Jr., P.E.
Assistant Director Public Works

ENGINEERING GROUP

Telephone (505) 768-2500

US PARTNERS

PROPERTIES

P.O. Box 26841
Albuquerque, NM 87125

September 22, 1992

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

Re: Fusion, Inc. File (M15/D23D)

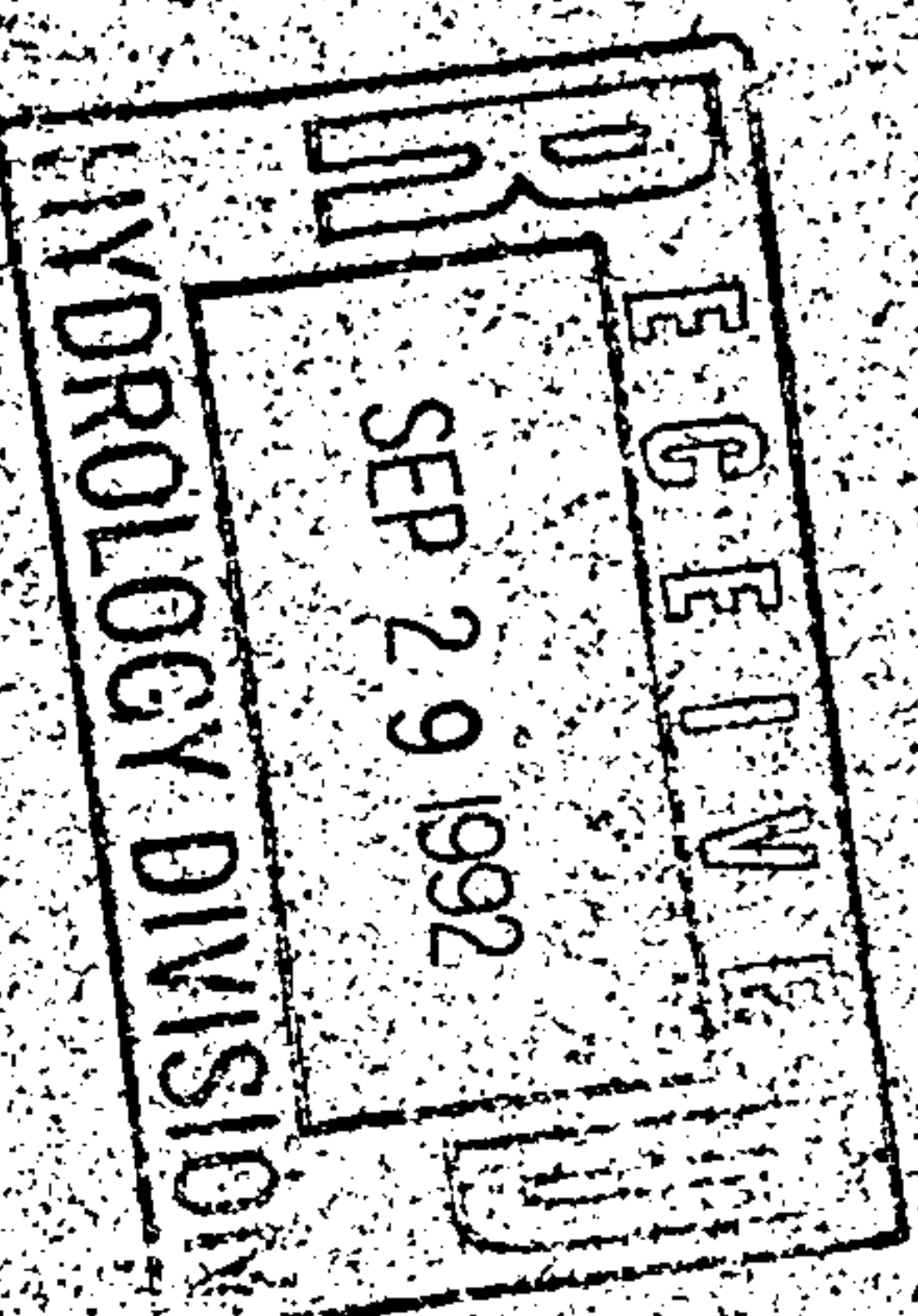
Dear Mr. Montoya:

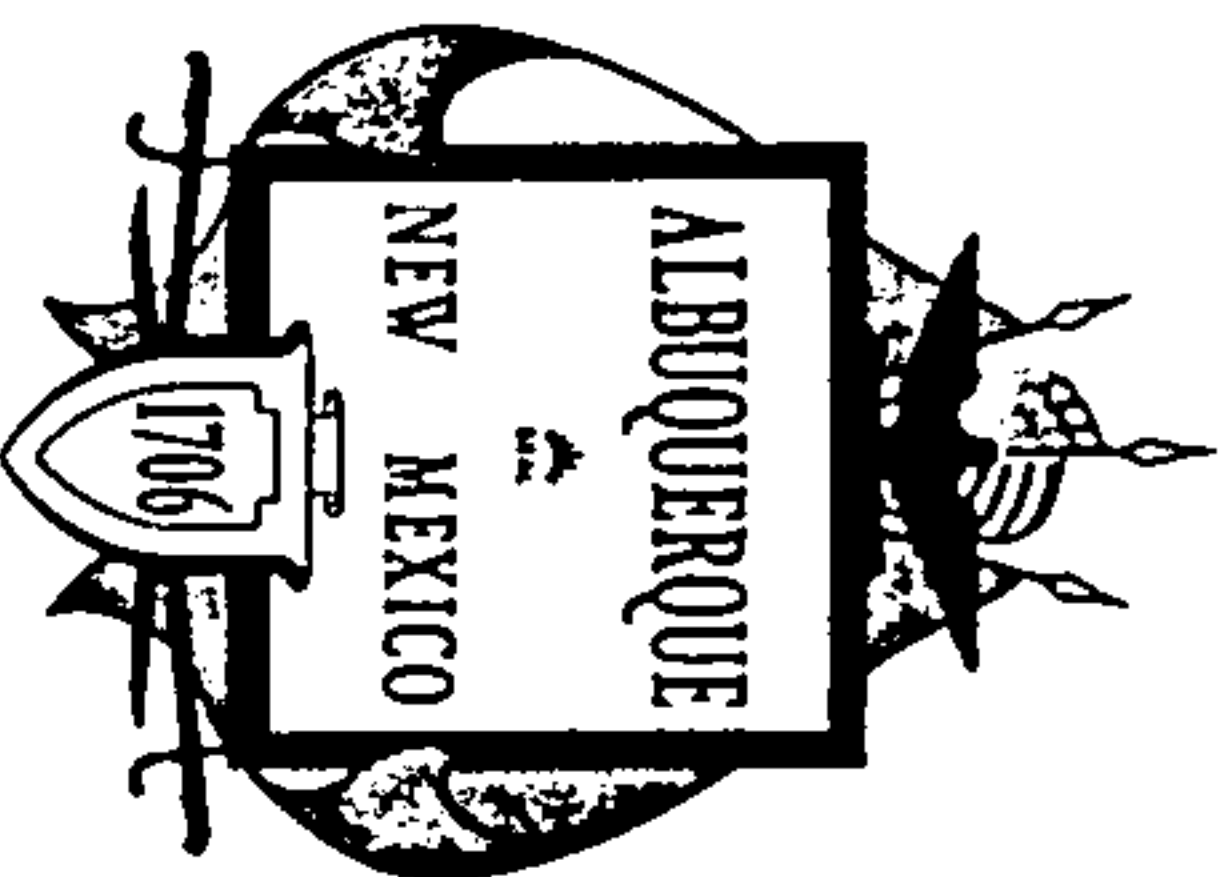
As the owner of the property immediately adjacent to Fusion, Inc. to the east, I am aware that the temporary drainage swale to the east may not contain off site flows from entering the Fusion Inc. site. This will be a temporary situation since a design of the property to the east will be accomplished in the near future. In the interim, if flows enter the Fusion, Inc. site, I agree to not hold the City of Albuquerque responsible.

Respectfully,


J. Howard Mock, Managing Partner

cc: Mr. Al Vaio
Claudio Vigil





City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

April 29, 1992

Mark Goodwin
D. Mark Goodwin & Assoc.
P.O. Office Box 90606
Albuquerque, New Mexico 87199

RE: REVISED DRAINAGE PLAN FOR FUSION, INC. (M-15/D23D) ENGINEER'S STAMP WITH
REVISION DATE APRIL 3, 1992

Dear Mr. Goodwin:

Based on the information provided on your April 6, 1992 resubmittal, the above referenced site is approved for Building Permit. Please attach a copy of this approved plan to the construction sets prior to sign off by Hydrology.

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

Construction within City Right-Of-Way requires a separate permit. A copy of this approval letter must be on hand when applying for the excavation permit.

If I can be of further assistance, please feel free to contact me at 768-2650.

Sincerely,

Bernie J. Montoya, CE
Engineering Assistant

cc: Darlene Saavedra
Alan Martinez, Drainage Inspector

BJM:jc
WP+3097

PUBLIC WORKS DEPARTMENT

Walter H. Nickerson, Jr., P.E.
Assistant Director Public Works

ENGINEERING GROUP

Telephone (505) 768-2500

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Fusion, Inc. ZONE ATLAS/DRNG. FILE #: M-15 / D23d
LEGAL DESCRIPTION: A portion of Lot 3-A, Block 1, Sunport Park
CITY ADDRESS: 1361 Flightway Ave SE
ENGINEERING FIRM: D. Mark Goodwin & Assoc. P.A. CONTACT: Mark Goodwin, P.E.
ADDRESS: PO Box 90606 87199 PHONE: 828-2200
OWNER: Fusion Inc. CONTACT: Claudio Vigil
ADDRESS: 4658 E. 355th St. Willoughby, OH PHONE: 265-3000
ARCHITECT: Claudio Vigil Architects CONTACT: Claudio Vigil
ADDRESS: 825 Pennsylvania NE PHONE: 265-3000
SURVEYOR: Jaynes Corp. CONTACT: Mark Mullane
ADDRESS: PO Box 26841 87125 PHONE: 345-8591
CONTRACTOR: Jaynes Corp. CONTACT: Mark Mullane
ADDRESS: PO Box 26841 87125 PHONE: 345-8591

PRE-DESIGN MEETING

☒ YES
☐ NO
☒ COPY OF CONFERENCE RECAP
SHEET PROVIDED

DRB NO. _____
EPC NO. _____
PROJ. NO. _____

TYPE OF SUBMITTAL:

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

CHECK TYPE OF APPROVAL SOUGHT:

☐ SKETCH PLAT APPROVAL
☐ PRELIMINARY PLAT APPROVAL
☐ SITE DEVELOPMENT PLAN APPROVAL
☐ FINAL PLAT APPROVAL
☒ BUILDING PERMIT APPROVAL
☐ FOUNDATION PERMIT APPROVAL
☐ CERTIFICATE OF OCCUPANCY APPROVAL
☐ ROUGH GRADING PERMIT APPROVAL
☐ GRADING/PAVING PERMIT APPROVAL
☐ OTHER _____ SPECIFY _____

DEC 11 1991

DATE SUBMITTED: _____

BY: _____

Mark Goodwin, P.E.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
UTILITY DEVELOPMENT DIVISION/HYDROLOGY SECTION

PRE-DESIGN CONFERENCE

DRAINAGE FILE/ZONE ATLAS PAGE NO.: M-15 DATE: 12/6/91 for 12/10/91

EPC NO.: _____ DRB NO.: _____ ZONE: M-15

SUBJECT: _____

STREET ADDRESS: _____

LEGAL DESCRIPTION: Lot 3-A Block 1 Sunport Park

APPROVAL REQUESTED: _____ PRELIMINARY PLAT _____ FINAL PLAT _____
_____ SITE DEVELOPMENT PLAN ☒ BUILDING PERMIT _____
_____ GRADING/PAVING PERMIT _____ OTHER _____

ATTENDANCE: Bernie J. Montoya WHO City of Albuquerque REPRESENTING
Mark Goodwin D. Mark Goodwin #1 Ass.

FINDINGS:

1. Drainage plan per D.R.M. guidelines required prior to Building Permit
release
2. Follow the master Drainage Plan prepared by John Andrews M15-D23
3. Site discharge will be to Flightway Avenue S.E.
4. Site is not located within a designated floodzone nor does it
contribute to downstream flooding. It
5. Proposed site will be taking in off-site flows from East Unit 1
adjacent site is developed

The undersigned agrees that the above findings are summarized accurately and are only subject to change if further investigation reveals that they are not reasonable or that they are based on inaccurate information.

SIGNED: Bernie J. Montoya

SIGNED: Mark Goodwin

TITLE: Engineer in Assistant

TITLE: _____

DATE: 12/10/91

DATE: 12/10/91

NOTE PLEASE PROVIDE A COPY OF THIS PRE-DESIGN FORM WITH THE DRAINAGE SUBMITTAL.

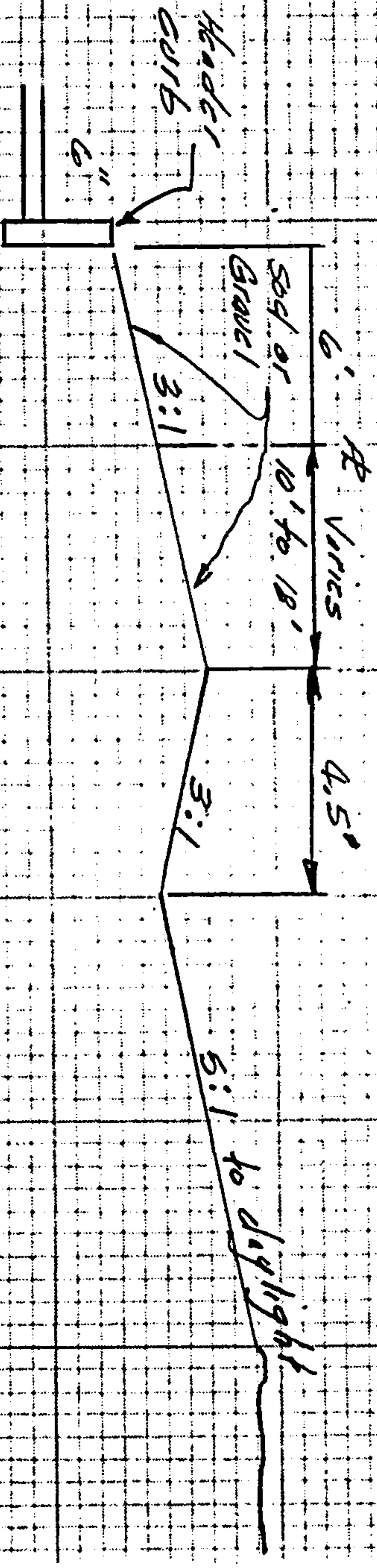


D. Mark Goodwin & Associates, P.A.
Consulting Engineers and Surveyors

NEC 2.3 10q1

JOB Fusion, Inc.
SUBJECT Drainage SHEET 1 OF 1
BY MG DATE 12/30/91
CHECKED _____ DATE _____

With owner permission, we are going to eliminate retaining wall and grade a swale on east side adjacent property:



$$Q_{req} = 17 \text{ cfs} \quad n = 0.040 \quad S = 0.5\%$$

$$\begin{aligned} \text{Area}_{max} &= 9.50 \text{ ft}^2 \quad \text{W.P.} = 11' \\ \frac{1.486}{.04} \left(\frac{9}{11} \right)^{2/3} (0.005)^{1/2} &= 2.30 \text{ fps} \end{aligned}$$

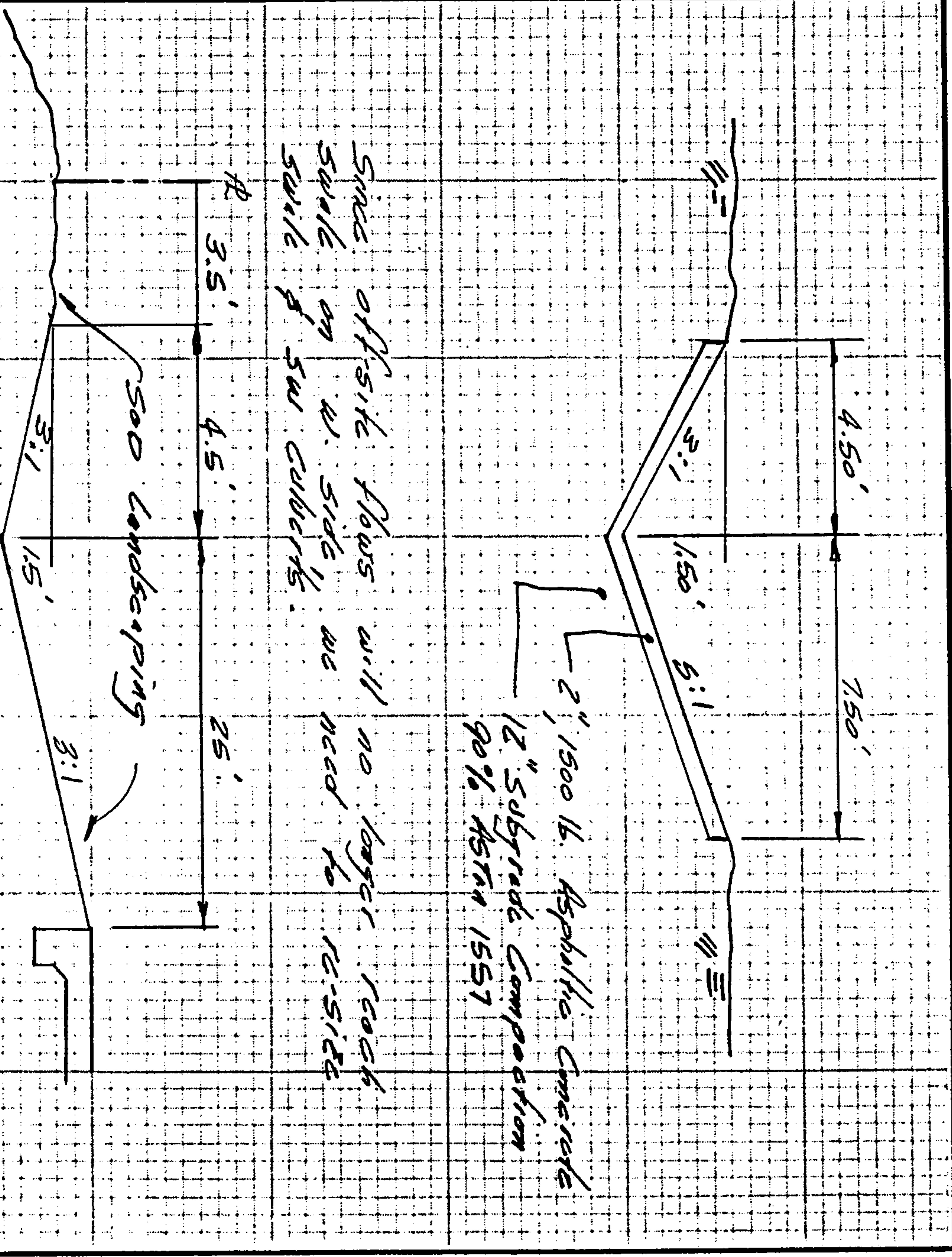
$$Q = AV = 21 \text{ cfs} > 17 \text{ size O.K.}$$

→ Since vel. of 2.30 is non-critical → no lining

Need to size Asphalt Foundation @ the end of this swale: since $n = 0.018$ for asphalt, we can use same section as swale

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

JOB Fusion 1 Inc.
SUBJECT Drainage
JOB NO. _____ SHEET 2 OF _____
BY MG DATE 12/20/91
CHECKED _____ DATE _____



$$Q_n = 2.57 \quad n = 0.025 \quad S = 1.5\%$$

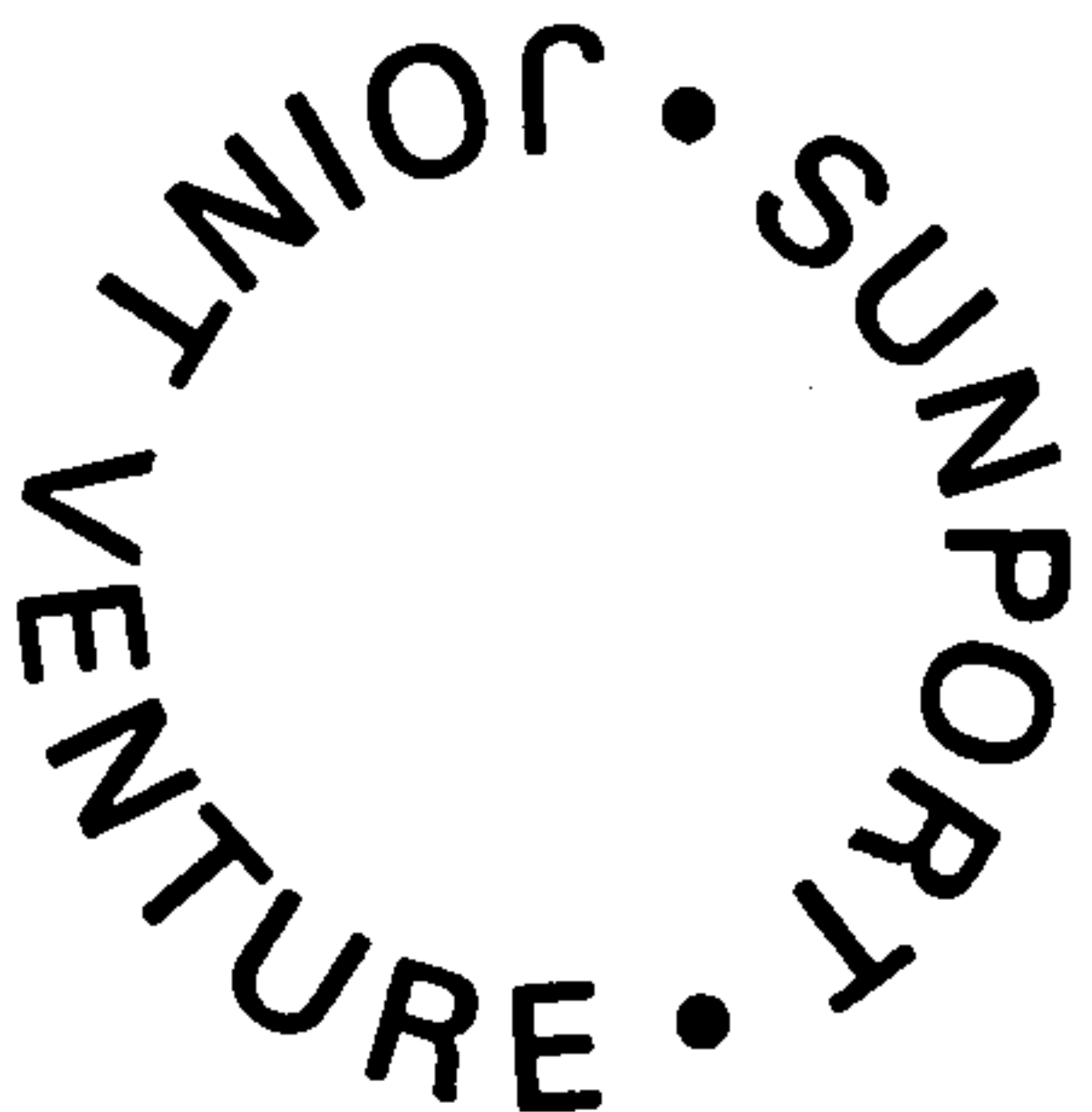
Area = 6.75 sq. ft. $\text{WPD} = 9.49$

Vel. = 5.30 fms

$\rho_{\max} = 39 \text{ cfs} \gg 2 \text{ cfs}$ OK.

$$Q = CCH^{3/2} \quad C = 2.9 \quad H = 8'' \quad Q = 2 \text{ cfs}$$

$$\Rightarrow C = \frac{2}{2.9(.67)^{3/2}} = 1.26' \text{ use } 1-24" \text{ SW collect}$$



2906 BROADWAY, N.E. P.O. BOX 26841, ALBUQUERQUE, NM 87125 505/345-8591

December 18, 1991

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

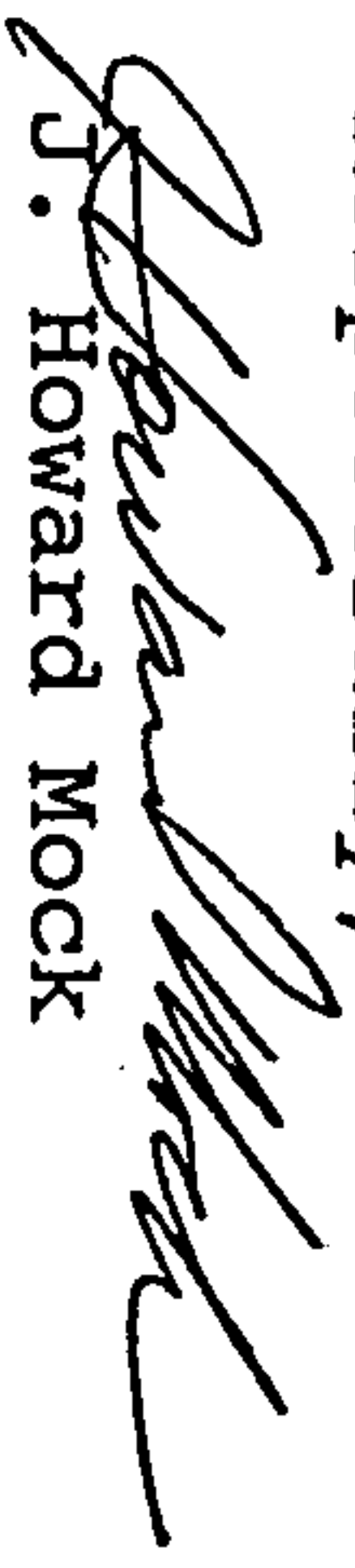
Re: Fusion, Inc.
A portion of Lot 3-A, Block 1, Sunport Park, Map No. M-15

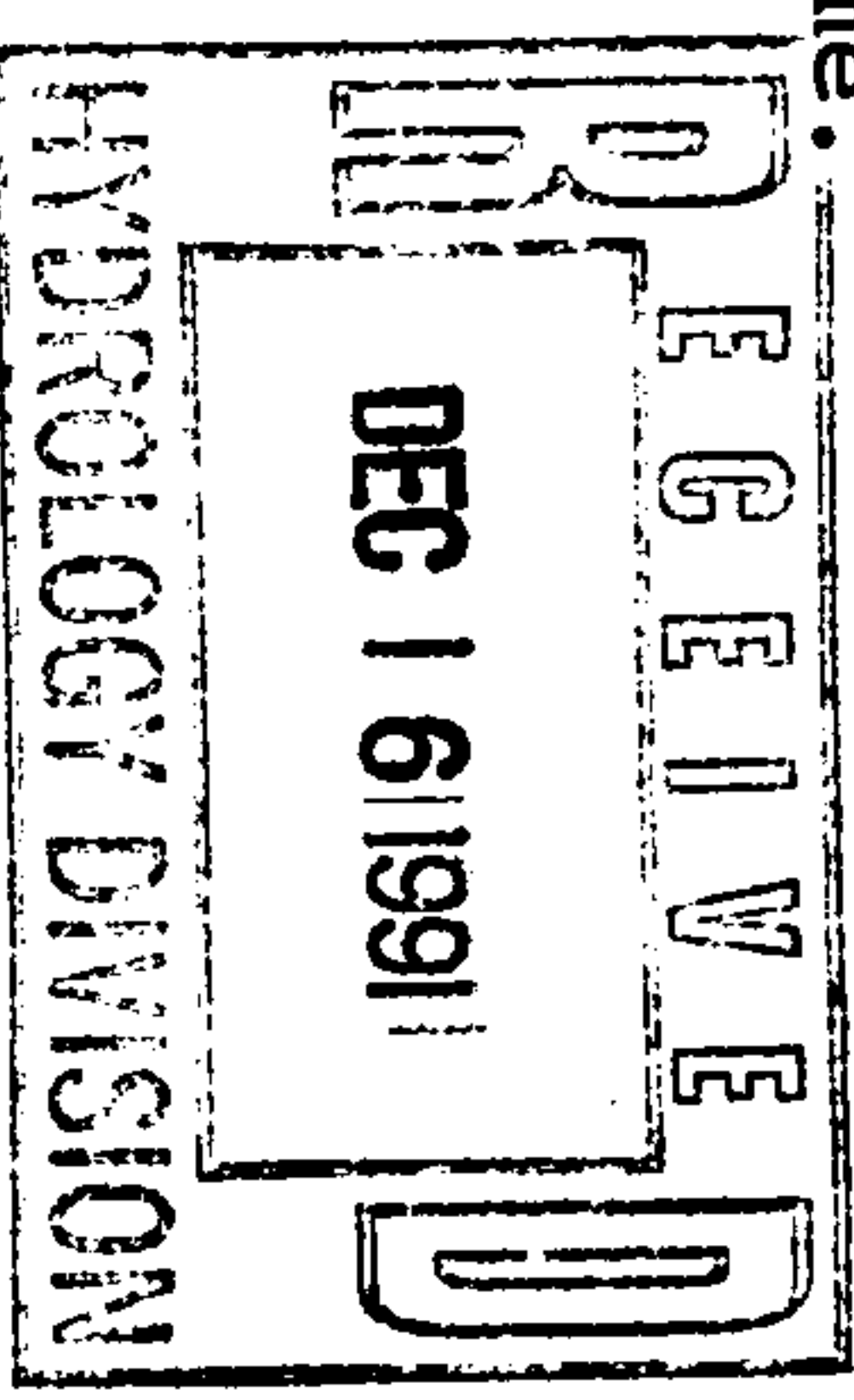
Dear Mr. Montoya:

As the owner of the Fusion, Inc. property and the property immediately adjacent to the east, I hereby grant permission for grading of a temporary drainage swale to the east of the Fusion, Inc. project outside their project limits on my adjacent parcel.

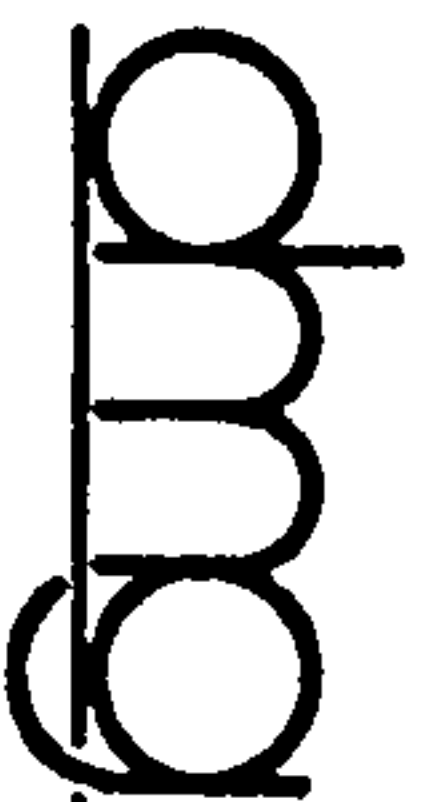
If you should have any questions, please call me.

Respectfully,


J. Howard Mock
2906 Broadway, NE
Albuquerque, NM 87107



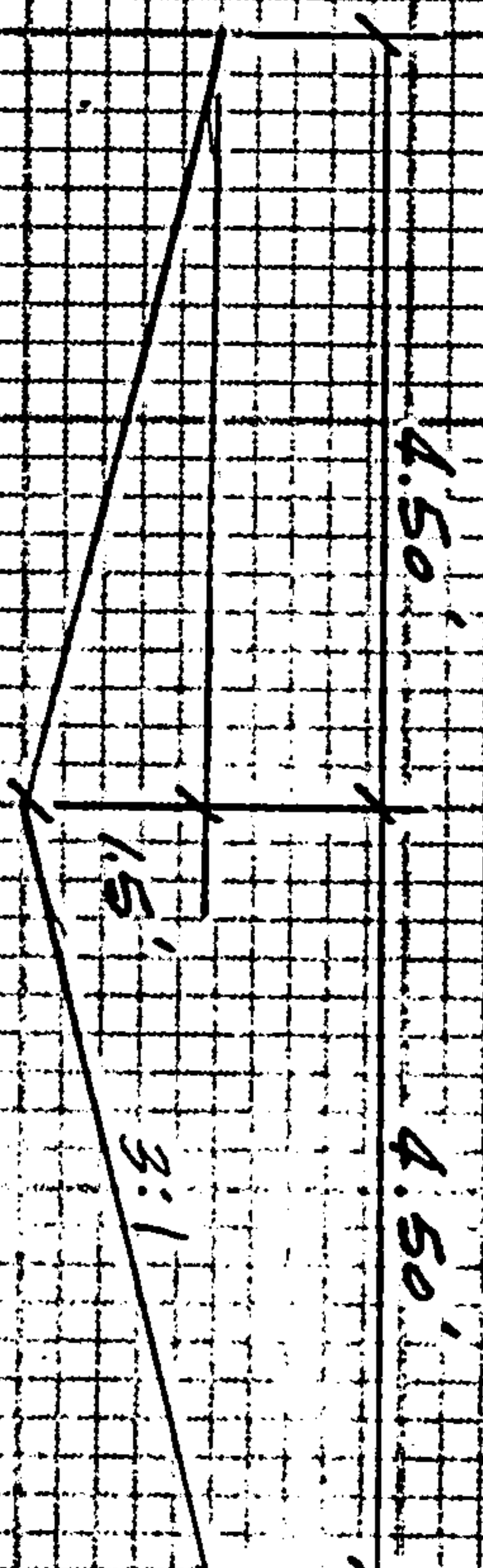
JHM/dw



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

JOB Fusion Inc.
SUBJECT Drainage
JOB NO. _____ SHEET 3 OF 3
BY MG DATE 12/11/91
CHECKED _____ DATE _____

note need to size swale on west side
of sidewalk. culverts for a $Q = 1.66 \text{ cfs} = 13 \text{ cfs}$



$n = 0.025$ landscaped $S = 0.015$ (avg.)

Area = 6.75 sq. ft $W.P. = 9.49'$

$V = \frac{1.486}{0.025} \left(\frac{6.75}{9.49} \right)^{2/3} (0.015)^{1/2} = 5.80 \text{ fps}$

$Q(\text{max.}) = A1 = 39 \text{ cfs} \rightarrow 13 \text{ cfs}$

$Q = CCA^{3/2}$

$C = 49$

$Q = 13 \text{ cfs}$

$A = 8''$

$C = \frac{Q}{A^{3/2}} = \frac{13 \text{ cfs}}{8''^{3/2}} = 4.24 \text{ use } 8'' \rightarrow 4.24 \text{ std. sw. culverts}$



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

JOB Fusion, Inc.

SUBJECT Drainage

JOB NO. _____

SHEET 1 OF 3

BY _____

MG

DATE 12/11/91

CHECKED _____

DATE _____

DEC 11 1991

There are two off-site areas that contribute flows to this site. Both are undeveloped. We will route these flows through our project. There will also be two on-site areas to compute. One will drain into the driveway with one off-site area. The other will be collected in a swale along the east boundary with the other off-site area and will be discharged via sidewalk culverts to Elginway.

Off-Site Area 1

O.A. = 5.45 Ac.

$P(100-C) = 2.3$ in

$C = 0.40$

$$\bar{I} = 0.0078 \left(\frac{420}{0.1035} \right)^{.77} = 2 \text{ mm. use } 10 \text{ mm.}$$

$\bar{I} = 4.86 \text{ in/hr}$

$Q(100-C) = 11 \text{ cfs}$

$Vol = 13,850 \text{ cu ft}$

* per 5 cfs
for CU = 79

Off-Site Area 2

O.A. = 3.08 Ac.

$P(100-C) = 2.3$ in

$C = 0.40$

$\bar{I} = 10 \text{ mm}$

$\bar{I} = 4.86 \text{ in/hr}$

$Q(100-C) = 11 \text{ cfs}$

$Vol = 7826 \text{ cu ft}$



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

JOB Wilson, Inc.
SUBJECT Drainage
JOB NO. _____ SHEET 2 OF 3
BY MG DATE 12/11/91
CHECKED _____ DATE _____

On-Site Area 1

CA = 0.77 Ac.

PA(100-C) = 2.5 in.

TC = 10 min.

I = 6.86 in/hr.

Composite C:

Roof

0.11

0.90

0.10

Landscaping

0.13

0.25

0.03

Undeveloped

0.53

0.40

0.21

0.77

0.34

Composite C = 0.44

Q(100-C) = 1.66 cfs

Vol. = 2516 cu. ft.

On-Site Area 2

CA = 0.77 Ac.

PA(100-C) = 2.5 in.

TC = 10 min.

I = 6.86 in/hr.

Composite C:

Roof

0.11

0.90

0.10

Landscaping

0.11

0.25

0.03

Walling

0.55

1.75

0.52

0.77

0.65

Composite C =

0.84

Q(100-C) = 3.15 cfs

Vol. = 3913 cu. ft.

TRIANGULAR CHANNEL

Flow Rate	(cfs)	=	39.16363
Depth	(ft)	=	1.5
Velocity	(ft/s)	=	5.802023
Manning's n		=	.025
Slope	(ft/ft)	=	.015
Side Slope	(H:V)	=	3
Bottom Width	(ft)	=	0
Top Width	(ft)	=	9
Area	(ft ²)	=	6.75
Hydraulic Radius		=	.7115125
Freeboard	(ft)	=	1.166041
Top Width (w/ freeboard)		=	15.99625
Froude Number		=	1.181199

STRIKE ANY KEY TO CONTINUE

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Fusion, Inc. ZONE ATLAS/DRNG. FILE #: M-15 102310

LEGAL DESCRIPTION: A portion of Lot 3-A, Block 1, Sunport Park

CITY ADDRESS: 1361 Flightway Ave SE

ENGINEERING FIRM: D. Mark Goodwin & Assoc. P.A. CONTACT: Mark Goodwin, P.E.

ADDRESS: PO Box 90606 87199 PHONE: 828-2200

OWNER: Fusion Inc. CONTACT: Claudio Vigil

ADDRESS: 4658 E. 355th St. Willoughby, OH PHONE: 265-3000

ARCHITECT: Claudio Vigil Architects CONTACT: Claudio Vigil

ADDRESS: 825 Pennsylvania NE PHONE: 265-3000

SURVEYOR: Jaynes Corp. CONTACT: Mark Mullane

ADDRESS: PO Box 26841 87125 PHONE: 345-8591

CONTRACTOR: Jaynes Corp. CONTACT: Mark Mullane

ADDRESS: PO Box 26841 87125 PHONE: 345-8591

PRE-DESIGN MEETING

☒ YES

☐ NO

☒ COPY OF CONFERENCE RECAP

☐ SHEET PROVIDED

DRB NO. _____

EPC NO. _____

PROJ. NO. _____

TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT

☒ DRAINAGE PLAN

☐ CONCEPTUAL GRADING & DRAINAGE PLAN

☒ GRADING PLAN

☐ EROSION CONTROL PLAN

☐ ENGINEER'S CERTIFICATION

CHECK TYPE OF APPROVAL SOUGHT:

☐ SKETCH PLAT APPROVAL

☐ PRELIMINARY PLAT APPROVAL

☐ SITE DEVELOPMENT PLAN APPROVAL

☐ FINAL PLAT APPROVAL

☒ BUILDING PERMIT APPROVAL

☐ FOUNDATION PERMIT APPROVAL

☐ CERTIFICATE OF OCCUPANCY APPROVAL

☐ ROUGH GRADING PERMIT APPROVAL

☐ GRADING/PAVING PERMIT APPROVAL

☐ OTHER _____ SPECIFY

APR 6 1992

DATE SUBMITTED: _____

BY: _____

Mark Goodwin, P.E.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT



INTER-OFFICE CORRESPONDENCE

February 21, 1992

ENGINEERING GROUP

TO: Desiderio Salas; Street Maintenance Division

FROM: Fred J. Aguirre, Hydrologist; Engineering Group/PWD *FJA*

SUBJECT: PRIVATE DRAINAGE FACILITIES WITHIN PUBLIC RIGHTS-OF-WAY/EASEMENT
FUSION, INC. (M-15/D23D)

Transmitted herewith, is a copy of the approved drainage plan for the referenced project incorporating the S.O. #19 design.

In accordance with the new process, this plan is being submitted to you for permitting and inspection. Please provide this section with a signed-off copy per the signature block upon construction and acceptance by your office.

As you are aware, the signed-off S.O. #19 is required by this office for Certificate of Occupancy release; hence your expeditious processing of this plan would be greatly appreciated and would avoid any unnecessary delay in the release of the Certificate of Occupancy.

Thank you for your cooperation, and if you should have any questions and/or comments regarding the process, please feel free to call me at 768-2650.

FJA/bsj

Attachment

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Fusion, Inc. ZONE ATLAS/DRNG. FILE #: M-15
LEGAL DESCRIPTION: A portion of Lot 3-A, Block 1, Sunport Park
CITY ADDRESS: 1361 Flightway Ave SE
ENGINEERING FIRM: D. Mark Goodwin & Assoc. P.A. CONTACT: Mark Goodwin, P.E.
ADDRESS: PO Box 90606 87199 PHONE: 828-2200
OWNER: Fusion Inc. CONTACT: Claudio Vigil
ADDRESS: 4658 E. 355th St. Willoughby, OH PHONE: 265-3000
ARCHITECT: Claudio Vigil Architects CONTACT: Claudio Vigil
ADDRESS: 825 Pennsylvania NE PHONE: 265-3000
SURVEYOR: Jaynes Corp. CONTACT: Mark Mullane
ADDRESS: PO Box 26841 87125 PHONE: 345-8591
CONTRACTOR: Jaynes Corp. CONTACT: Mark Mullane
ADDRESS: PO Box 26841 87125 PHONE: 345-8591

PRE-DESIGN MEETING

☒ YES
☐ NO
☒ COPY OF CONFERENCE RECAP
SHEET PROVIDED

DRB NO. _____
EPC NO. _____
PROJ. NO. _____

TYPE OF SUBMITTAL:

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

CHECK TYPE OF APPROVAL SOUGHT:

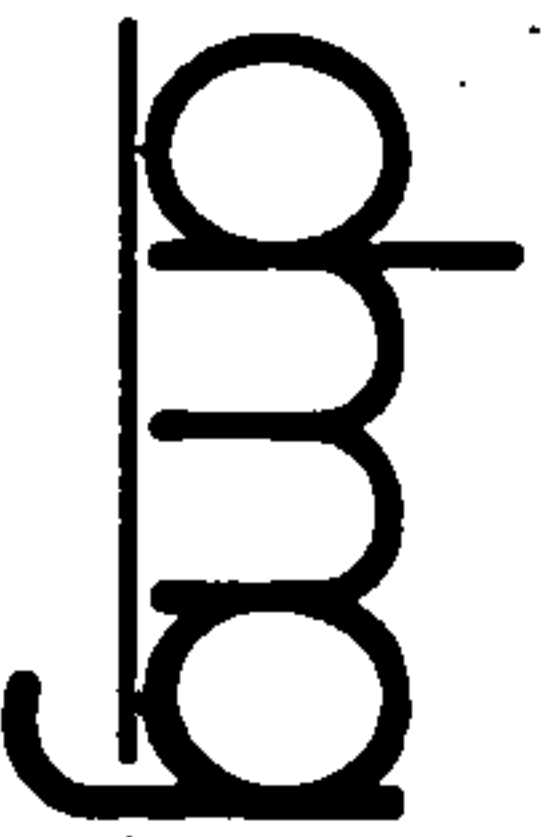
☐ SKETCH PLAT APPROVAL
☐ PRELIMINARY PLAT APPROVAL
☐ SITE DEVELOPMENT PLAN APPROVAL
☐ FINAL PLAT APPROVAL
☒ BUILDING PERMIT APPROVAL
☐ FOUNDATION PERMIT APPROVAL
☐ CERTIFICATE OF OCCUPANCY APPROVAL
☐ ROUGH GRADING PERMIT APPROVAL
☐ GRADING/PAVING PERMIT APPROVAL
☐ OTHER _____ SPECIFY _____

DATE SUBMITTED: _____

DEC 23 1991

BY: _____

Mark Goodwin, P.E.



D. MARK GOODWIN & ASSOC.
CONSULTING ENGINEERS

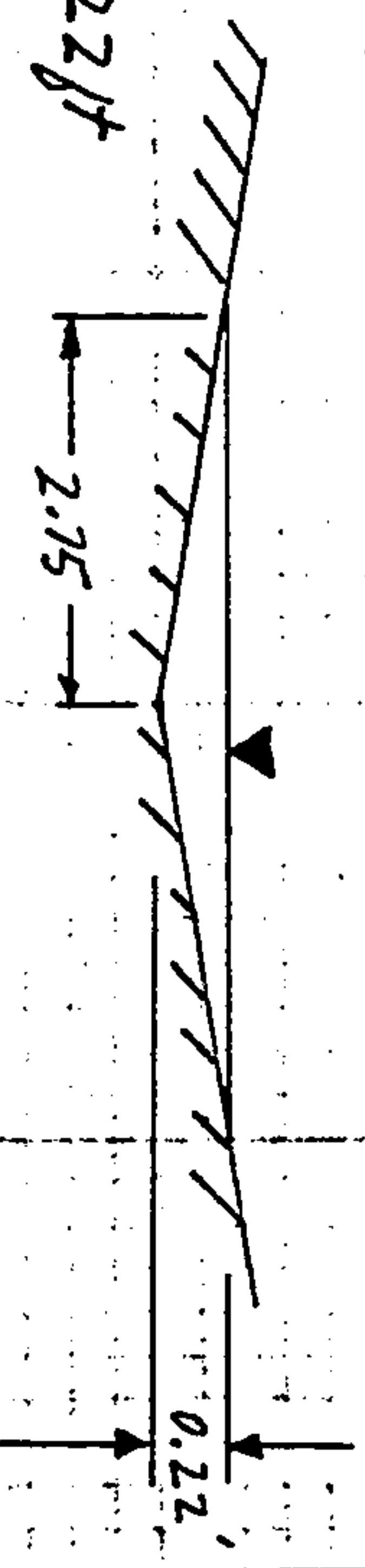
JOB Fusion Inc.
SUBJECT North Side Swale
JOB NO. _____ SHEET 1 OF 1
BY JMM DATE 4/2/92
CHECKED _____ DATE _____

APR 6 1992

Evaluation of Channel Hydraulics for

Swale on North Side of Fusion Inc. Facility

Assume depth of flow $d = 0.22 \text{ ft}$



$$\text{Area} = 0.61 \text{ ft}^2$$

$$\text{W.P.} = 5.5 \text{ ft}$$

$$R_{\text{Hydraulic}} = \frac{A}{\text{W.P.}} = \frac{0.61 \text{ ft}^2}{5.5 \text{ ft}}$$

channel slope

$$S = 0.031$$

Manning's Roughness

$$n = 0.025$$

$$R_H = 0.11 \text{ ft}$$

$$V = \frac{1.486}{n} (R_H)^{0.67} (S)^{0.5} = \frac{1.486}{0.025} (0.11)^{0.67} (0.031)^{0.5}$$

$$V = 2.39 \text{ fps}$$

$$Q = VA = (2.39 \text{ fps})(0.61 \text{ ft}^2)$$

$$Q = 1.44 \text{ cfs}$$

$$\text{Drainage Area 1 Flow: } Q = 1.66 \text{ cfs}_{\text{Total}}$$

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Fusion, Inc. ZONE ATLAS/DRNG. FILE #: M-15/12235

LEGAL DESCRIPTION: A portion of lot 3-A, Block 1, Sunport Park

CITY ADDRESS: 1361 Flightway Ave SE

ENGINEERING FIRM: D. Mark Goodwin & Assoc. P.A. CONTACT: Mark Goodwin, P.E.

ADDRESS: PO Box 90606 87199 PHONE: 828-2200

OWNER: Fusion Inc. CONTACT: Claudio Vigil

ADDRESS: 4658 E. 355th St. Willoughby, OH PHONE: 265-3000

ARCHITECT: Claudio Vigil Architects CONTACT: Claudio Vigil

ADDRESS: 825 Pennsylvania NE PHONE: 265-3000

SURVEYOR: Jaynes Corp. CONTACT: Mark Mullane

ADDRESS: PO Box 26841 87125 PHONE: 345-8591

CONTRACTOR: Jaynes Corp. CONTACT: Mark Mullane

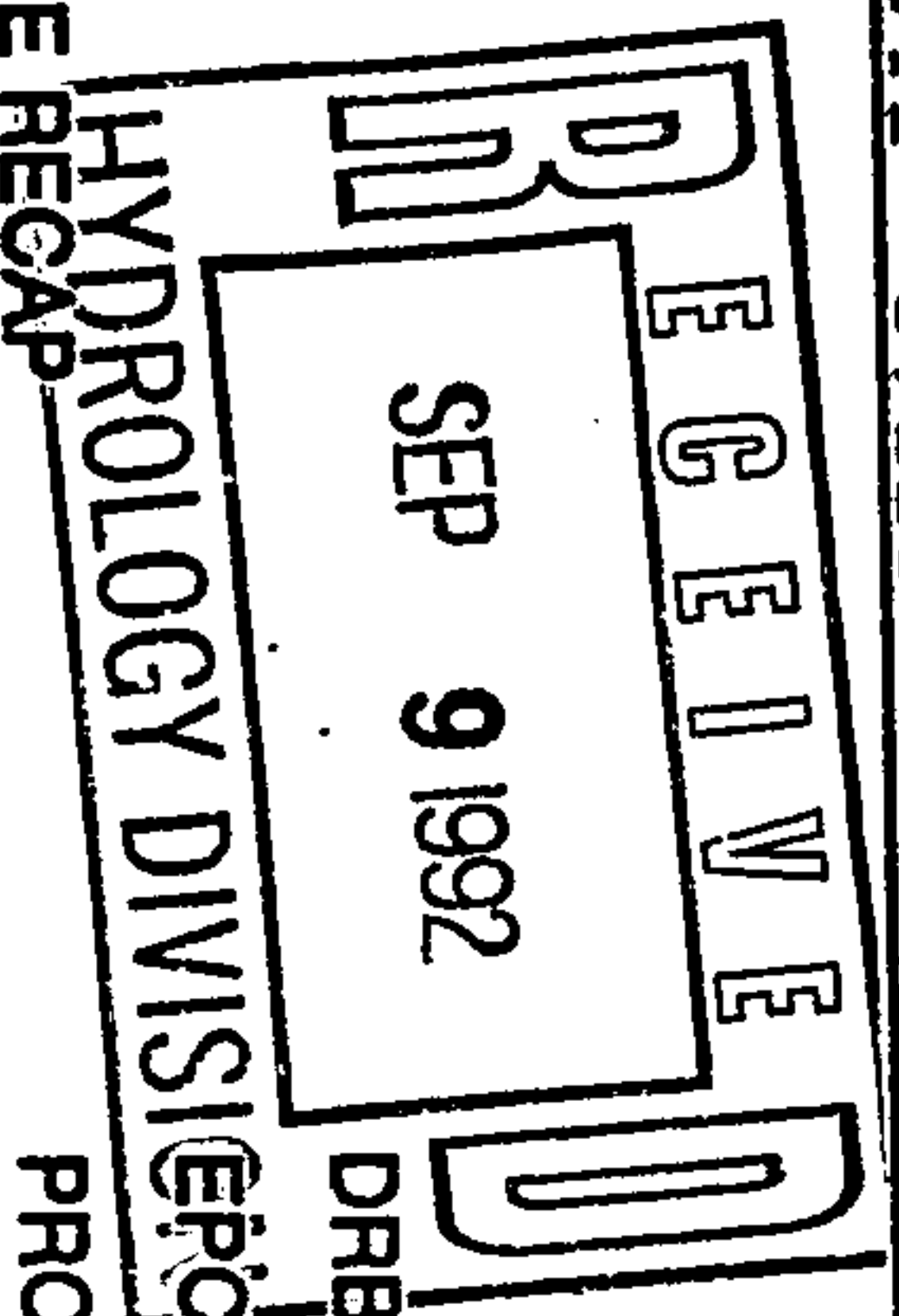
ADDRESS: PO Box 26841 87125 PHONE: 345-8591

PRE-DESIGN MEETING

☒ YES

☐ NO

☐ COPY OF CONFERENCE RECAP SHEET PROVIDED



DRB NO. _____

EPIC NO. _____

PROJ. NO. _____

TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT

☐ DRAINAGE PLAN

☐ CONCEPTUAL GRADING & DRAINAGE PLAN

☐ GRADING PLAN

☐ EROSION CONTROL PLAN

☒ ENGINEER'S CERTIFICATION

CHECK TYPE OF APPROVAL SOUGHT:

☐ SKETCH PLAT APPROVAL

☐ PRELIMINARY PLAT APPROVAL

☐ SITE DEVELOPMENT PLAN APPROVAL

☐ FINAL PLAT APPROVAL

☐ BUILDING PERMIT APPROVAL

☐ FOUNDATION PERMIT APPROVAL

☒ CERTIFICATE OF OCCUPANCY APPROVAL

☐ ROUGH GRADING PERMIT APPROVAL

☐ GRADING/PAVING PERMIT APPROVAL

☐ OTHER _____ SPECIFY _____

DATE SUBMITTED: 9/9/92

BY: Mark Goodwin

Mark Goodwin, P.E.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT



INTER-OFFICE CORRESPONDENCE

April 29, 1992

ENGINEERING GROUP

TO: Desiderio Salas; Street Maintenance Division
FROM: Fred J. Aguirre, Hydrologist; Engineering Group/PWD
SUBJECT: PRIVATE DRAINAGE FACILITIES WITHIN PUBLIC RIGHTS-OF-WAY/EASEMENT
FUSION (M-15/D23D)

Transmitted herewith, is a copy of the approved drainage plan for the referenced project incorporating the S.O. #19 design.

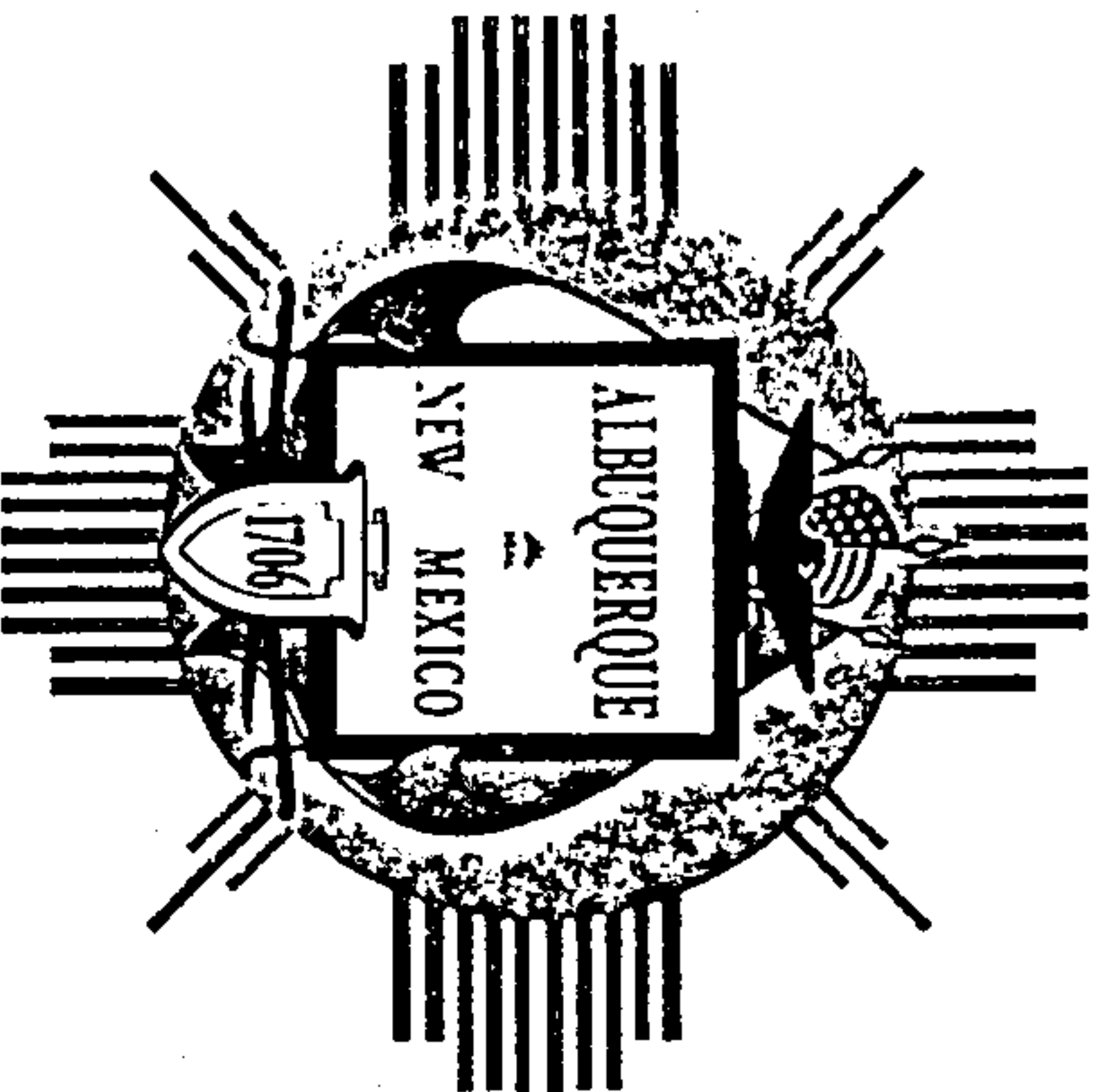
In accordance with the new process, this plan is being submitted to you for permitting and inspection. Please provide this section with a signed-off copy per the signature block upon construction and acceptance by your office.

As you are aware, the signed-off S.O. #19 is required by this office for Certificate of Occupancy release; hence your expeditious processing of this plan would be greatly appreciated and would avoid any unnecessary delay in the release of the Certificate of Occupancy.

Thank you for your cooperation, and if you should have any questions and/or comments regarding the process, please feel free to call me at 768-2650.

FJA/bsj

Attachment



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

January 13, 1992

Mark Goodwin, P.E.
D. Mark Goodwin & Associates
Post Office Box 90606
Albuquerque, New Mexico 87199

RE: REVISED DRAINAGE PLAN FOR FUSION, INC. (M-15/D23D)
ENGINEER'S STAMP DATED DECEMBER 23, 1991

Dear Mr. Goodwin:

Based on the information provided on your submittal of December 23, 1991, the above referenced plan is approved for Building Permit.

Please be advised that 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.

Also, prior to Certificate of Occupancy release, Engineer's Certification per the DPM Checklist will be required.

If I can be of further assistance, please feel free to call me at 768-2650.

Cordially,

Bernie J. Montoya, C.E.
Engineering Assistant

xc: Darlene Saavedra
Alan Martinez

BJM/bsj
(WP+3097)

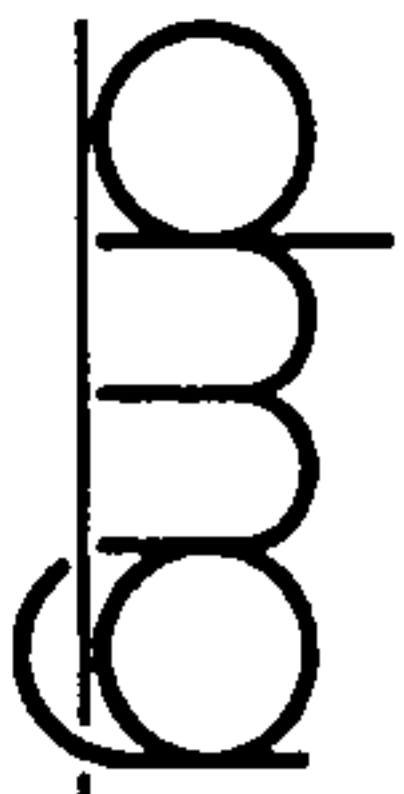
PUBLIC WORKS DEPARTMENT

Walter H. Nickerson, Jr., P.E.
Assistant Director Public Works

ENGINEERING GROUP

Telephone (505) 768-2500

AN EQUAL OPPORTUNITY EMPLOYER



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

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 828-2200

APR 6 1992

April 6, 1992

Mr. Bernie Montoya
Hydrology Department
City of Albuquerque
PO Box 1293
Albuquerque, NM 87103

Re: Fusion, Inc.; File M-15/D23D

Dear Mr. Montoya:

Attached, please find two copies of the referenced project. Due to budgetary considerations, we were asked to revise our previously approved design. The following revisions were made:

- Lowered the majority of the project a uniform 0.50 feet in an effort to reduce earthwork costs.
- Provided a 5:1 slope against north side of building for a distance of 30 feet in an effort to avoid the need for a stem wall footing. Splash blocks for scuppers or leaders are still required.
- Regraded proposed swale on north side of building to reduce velocity in an effort to eliminate gravel lining. Per attached calculations, the velocity anticipated will be 2.39 fps. This should be acceptable.

With this re-submittal, we are requesting Building Permit re-approval. If there are any questions, please call us.

Sincerely,

D. MARK GOODWIN AND ASSOCIATES, P.A.


Mark Goodwin, P.E.

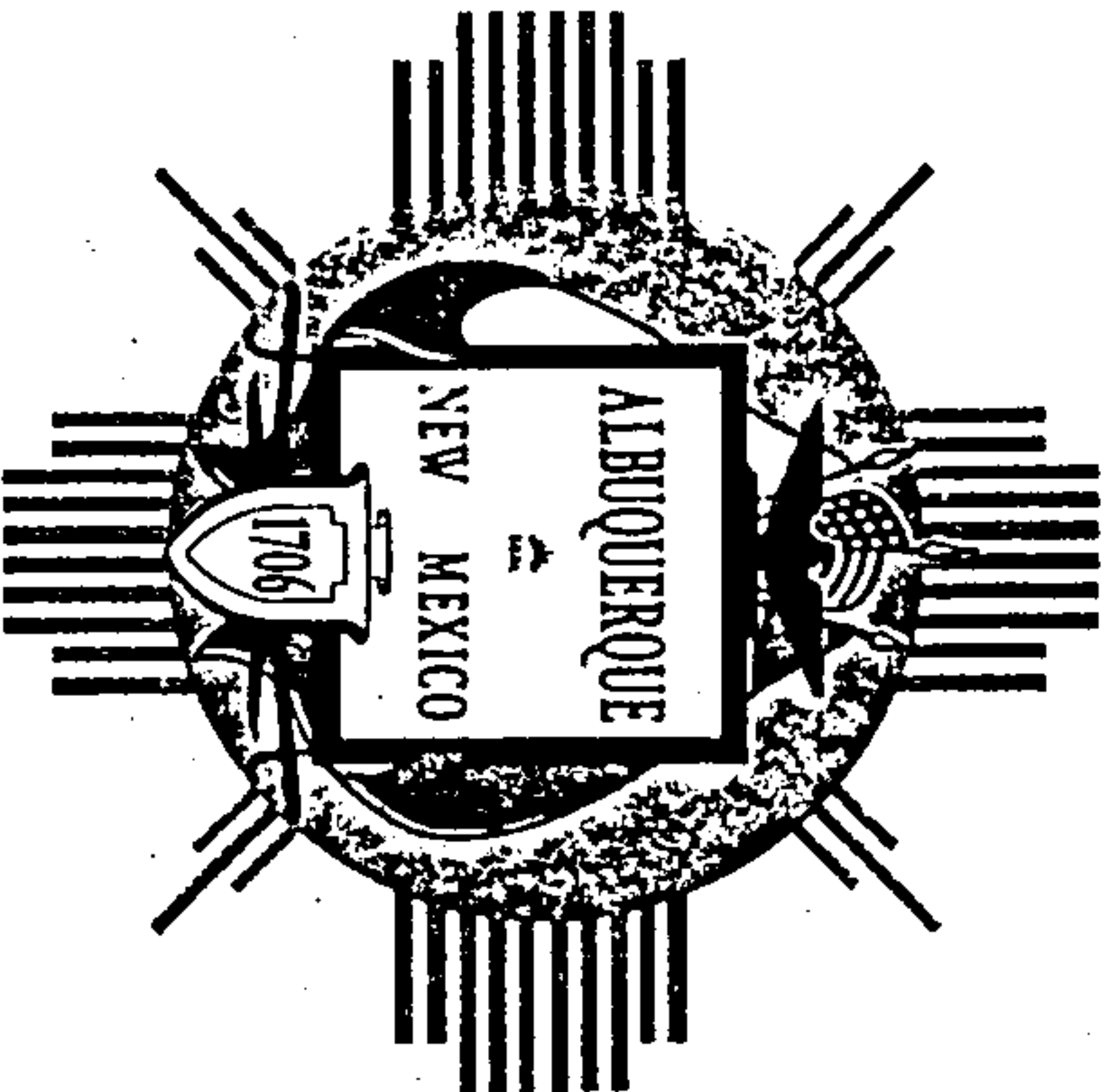
DMG:kaw

Attachments





725



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 17, 1991

Mark Goodwin, P.E.
D. Mark Goodwin & Associates
Post Office Box 90606
Albuquerque, New Mexico 87199

RE: DRAINAGE PLAN FOR FUSION, INCORPORATED (M-15/D23D)
ENGINEER'S STAMP DATED DECEMBER 11, 1991

Dear Mr. Goodwin:

Based on the information provided on your submittal of December 11, 1991, listed are some concerns that will need to be addressed prior to final approval.

1. Cross-section of the swale along the west side of the property. Section like the one shown on the east side.
2. Sediment control prior to off-site flows entering from the east.
3. What type of erosion control is proposed within the swale on the north side of the building? Also, how will the roof leaders on the north side control their erosion?
4. What type of landscaping is proposed on the west side along the swale?

If I can be of further assistance, please feel free to call me at 768-2650.

Cordially,

Bernie J. Montoya
Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj
(WP+3097)

PUBLIC WORKS DEPARTMENT

Walter H. Nickerson, Jr., P.E.
Assistant Director Public Works

ENGINEERING GROUP

Telephone (505) 768-2500

AN EQUAL OPPORTUNITY EMPLOYER

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Fusion, Inc. ZONE ATLAS/DRNG. FILE #: M-15 20231
LEGAL DESCRIPTION: A portion of Lot 3-A, Block 1, Sunport Park
CITY ADDRESS: 1361 Flightway Ave SE
ENGINEERING FIRM: D. Mark Goodwin & Assoc. P.A. CONTACT: Mark Goodwin, P.E.
ADDRESS: PO Box 90606 87199 PHONE: 828-2200
OWNER: Fusion Inc. CONTACT: Claudio Vigil
ADDRESS: 4658 E. 355th St. Willoughby, OH PHONE: 265-3000
ARCHITECT: Claudio Vigil Architects CONTACT: Claudio Vigil
PHONE: 265-3000
ADDRESS: 825 Pennsylvania NE CONTACT: Mark Mullane
SURVEYOR: Jaynes Corp. PHONE: 345-8591
ADDRESS: PO Box 26841 87125 CONTACT: Mark Mullane
PHONE: 345-8591
CONTRACTOR: Jaynes Corp. CONTACT: Mark Mullane
ADDRESS: PO Box 26841 87125 PHONE: 345-8591

PRE-DESIGN MEETING

☒ YES
☐ NO
☐ COPY OF CONFERENCE RECAP
☐ SHEET PROVIDED

DRB NO. _____
EPC NO. _____
PROJ. NO. _____

TYPE OF SUBMITTAL:

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

CHECK TYPE OF APPROVAL SOUGHT:

☐ SKETCH PLAT APPROVAL
☐ PRELIMINARY PLAT APPROVAL
☐ SITE DEVELOPMENT PLAN APPROVAL
☐ FINAL PLAT APPROVAL
☐ BUILDING PERMIT APPROVAL
☐ FOUNDATION PERMIT APPROVAL
☒ CERTIFICATE OF OCCUPANCY APPROVAL
☐ ROUGH GRADING PERMIT APPROVAL
☐ GRADING/PAVING PERMIT APPROVAL
☐ OTHER _____ SPECIFY _____

DATE SUBMITTED: 9/25/92

BY: Mark Goodwin
Mark Goodwin, P.E.

