

County of Bernalillo

State of New Mexico

BOARD OF COUNTY COMMISSIONERS

STEVE D. GALLEGOS, CHAIRMAN
DISTRICT 2

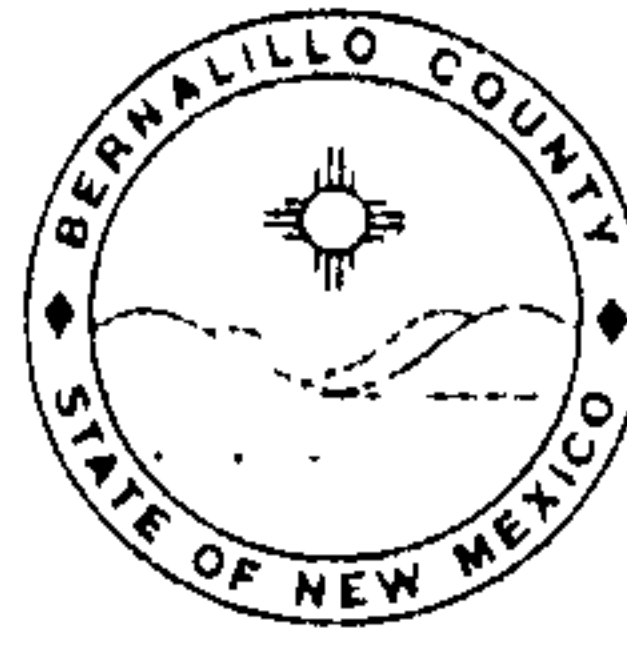
KEN SANCHEZ, VICE CHAIRMAN
DISTRICT 1

TOM RUTHERFORD, MEMBER
DISTRICT 3

BARBARA J. SEWARD, MEMBER
DISTRICT 4

LES HOUSTON, MEMBER
DISTRICT 5

JUAN R. VIGIL, COUNTY MANAGER



2400 BROADWAY, S.E.
ALBUQUERQUE, NEW MEXICO 87102
PUBLIC WORKS (505) 848-1500

DAVID K. ANDERSON, ASSESSOR
JUDY D. WOODWARD, CLERK
THOMAS J. MESCALL, PROBATE JUDGE
JOE BOWDICH, SHERIFF
ORLANDO VIGIL, TREASURER

February 9, 1999

Tom Isaacson, P.E.
Isaacson & Arfman, PA
128 Monroe St. NE
Albuquerque, New Mexico 87108

RE: *Grading and Drainage Plan for Harrison Middle School Soccer Field, (P12/D6)
(PWD-96-103) Submitted for Grading Permit Approval, Engineer's Stamp Dated
11/9/98.*

Dear Mr. Isaacson:

Based on the information provided, along with the receipt of the Pond Covenant, the above referenced plan is approved for Grading Permit release.

If you have any questions, or if we may be of further assistance to you, please call me at 924-3982, or contact Brad Catanach at the County.

Sincerely,

A handwritten signature in cursive script, appearing to read "Susan Calongne".

Susan M. Calongne, P.E.
City/County Floodplain Administrator

c: Brad Catanach, P.E., Bernalillo County Public Works Division
File



ISAACSON & ARFMAN, P.A.

Consulting Engineering Associates

*Thomas O. Isaacson, PE & LS • Fred C. Arfman, PE
Scott M. McGee, PE*

February 4, 1999

COPY

Mr. Brad Catanach, PE
Drainage Engineer
County of Bernalillo
2400 Broadway Blvd. SE, Building A
Albuquerque, NM 87102

**RE: Grading & Drainage Plan for
Harrison Middle School Soccer Field
P12/D6 PWD-96-103**

Dear Mr. Catanach:

In Susan Calongne's review letter of January 27, 1999 (attached), she asked for verification of the Pond Covenant for the school. Transmitted is a copy of the filed Pond Covenant. Please inform Ms. Calongne of acceptance by the County so the Grading Permit may be released.

Very truly yours,

ISAACSON & ARFMAN, P.A.

Thomas O. Isaacson, PE
TOI/rtl

cc: Susan Calongne

County of Bernalillo

State of New Mexico



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ORLANDO VIGIL, TREASURER

2400 BROADWAY, S.E.
ALBUQUERQUE, NEW MEXICO 87102
PUBLIC WORKS (505) 848-1500

January 27, 1999

Tom Isaacson, P.E.
Isaacson & Arfman, PA
128 Monroe St. NE
Albuquerque, New Mexico 87108

RE: *Grading and Drainage Plan for Harrison Middle School Soccer Field, (P12/D6)
(PWD-96-103) Submitted for Grading Permit Approval, Engineer's Stamp Dated
11/9/98.*

Dear Mr. Isaacson:

Although the above referenced plan is acceptable, the Grading Permit may not be released until the County receives the required Pond Covenant. Please provide me with verification that County Public Works has accepted the Pond Covenant so that I may release the Grading Permit.

If you have any questions, please call me at 924-3982, or contact Brad Catanach at the County.

Sincerely,

A handwritten signature in cursive script, reading "Susan Calongne".

Susan M. Calongne, P.E.
City/County Floodplain Administrator

c: Andrew Garcia, City Hydrology
Brad Catanach, P.E., Bernalillo County Public Works Division

File

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Harrison Middle School Soccer Field ZONE ATLAS/DRNG. FILE #: P12/D006

DRB #: — EPC #: — WORK ORDER #: —

LEGAL DESCRIPTION: Tract 8C1B, MREGCD Map 49

CITY ADDRESS: 3912 Isleta Blvd SW

ENGINEERING FIRM: Isaacson & Artman PA CONTACT: Tom Isaacson

ADDRESS: 128 Monroe St NE 87108 PHONE: 268-8828

OWNER: Albuquerque Public Schools CONTACT: Terry Brown

ADDRESS: 915 Locust SE 87106 PHONE: 765-5950

ARCHITECT: Dennis C Wilkinson & Assoc. CONTACT: Dennis Wilkinson

ADDRESS: Box 1542, Corrales 87048 PHONE: 897-7430

SURVEYOR: Wilson & Co. CONTACT: William Brewster

ADDRESS: 4775 Indian School Rd NE PHONE: 254-4000

CONTRACTOR: — CONTACT: —

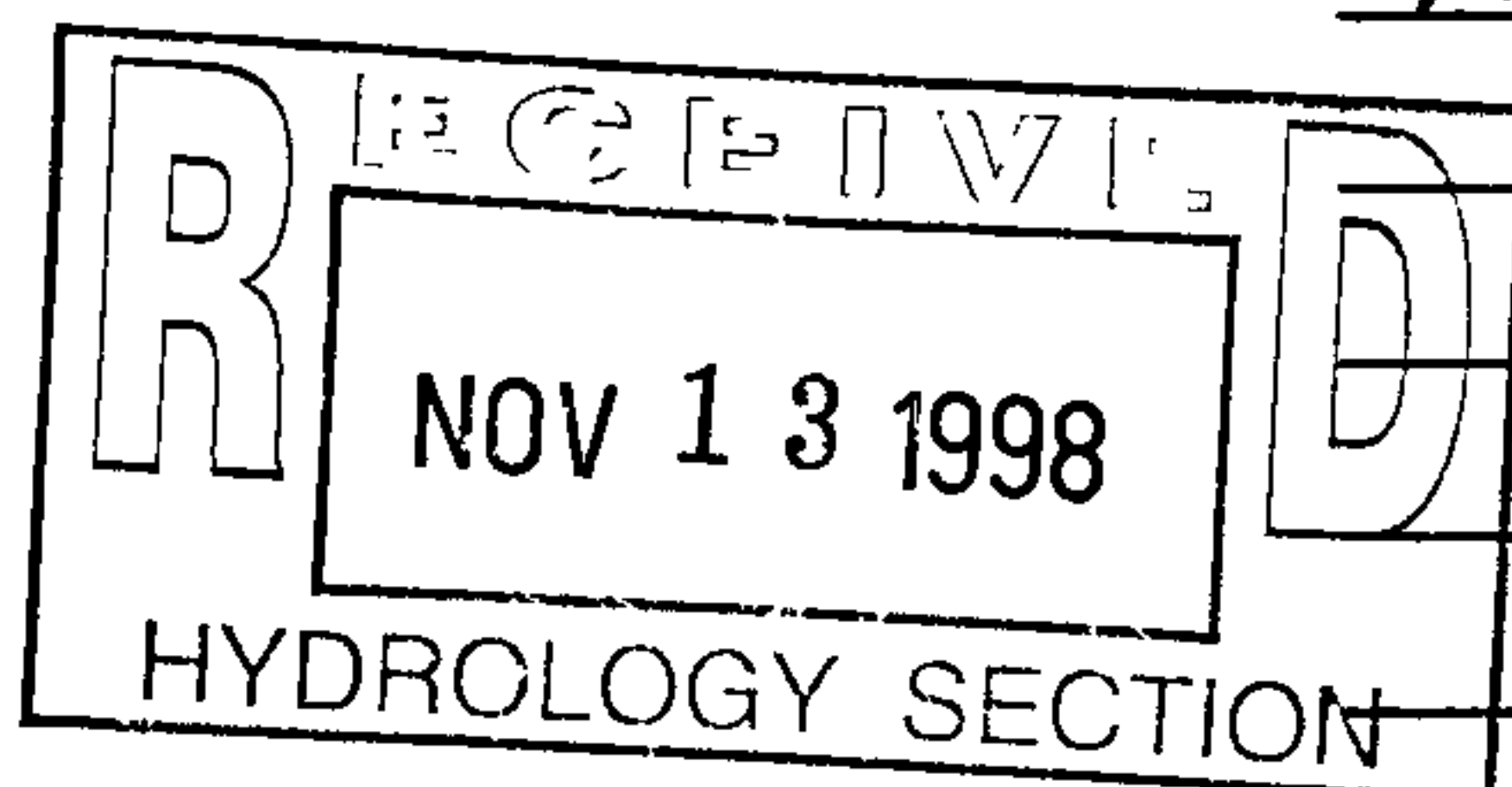
ADDRESS: — PHONE: —

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
- ☐ CERTIFICATE OF OCCUPANCY APPROVAL
- ☒ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ S.A.D. DRAINAGE REPORT
- ☐ DRAINAGE REQUIREMENTS
- OTHER — (SPECIFY)

DATE SUBMITTED:

BY:

11.9.98Tom Isaacson

Check
pond
Covenant

MOLZEN-CORBIN

& Associates

ENGINEERS/PLANNERS/CONSULTANTS



☒ 2701 Miles Road Southeast, Albuquerque, NM 87106
505-242-5700

☐ 205 West Boutz Number 4, Suite Number 5, P.O. Box 1360, Las Cruces, NM 88004
505-525-2397

TO SUSAN CALONGNE
600 2ND ST NW
HYDROLOGY DIVISION

LETTER OF TRANSMITTAL

DATE	11/13/98	JOB NO
ATTENTION	FLOODPLAIN ADMINISTRATION	
RE	DRAINAGE REVIEWS	

GENTLEMEN:

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____ the following items:

COPIES	DATE	NO.	DESCRIPTION
			PWD-98-202
			~~PWD-98-201~~

THESE ARE TRANSMITTED as checked below:

☐ For approval

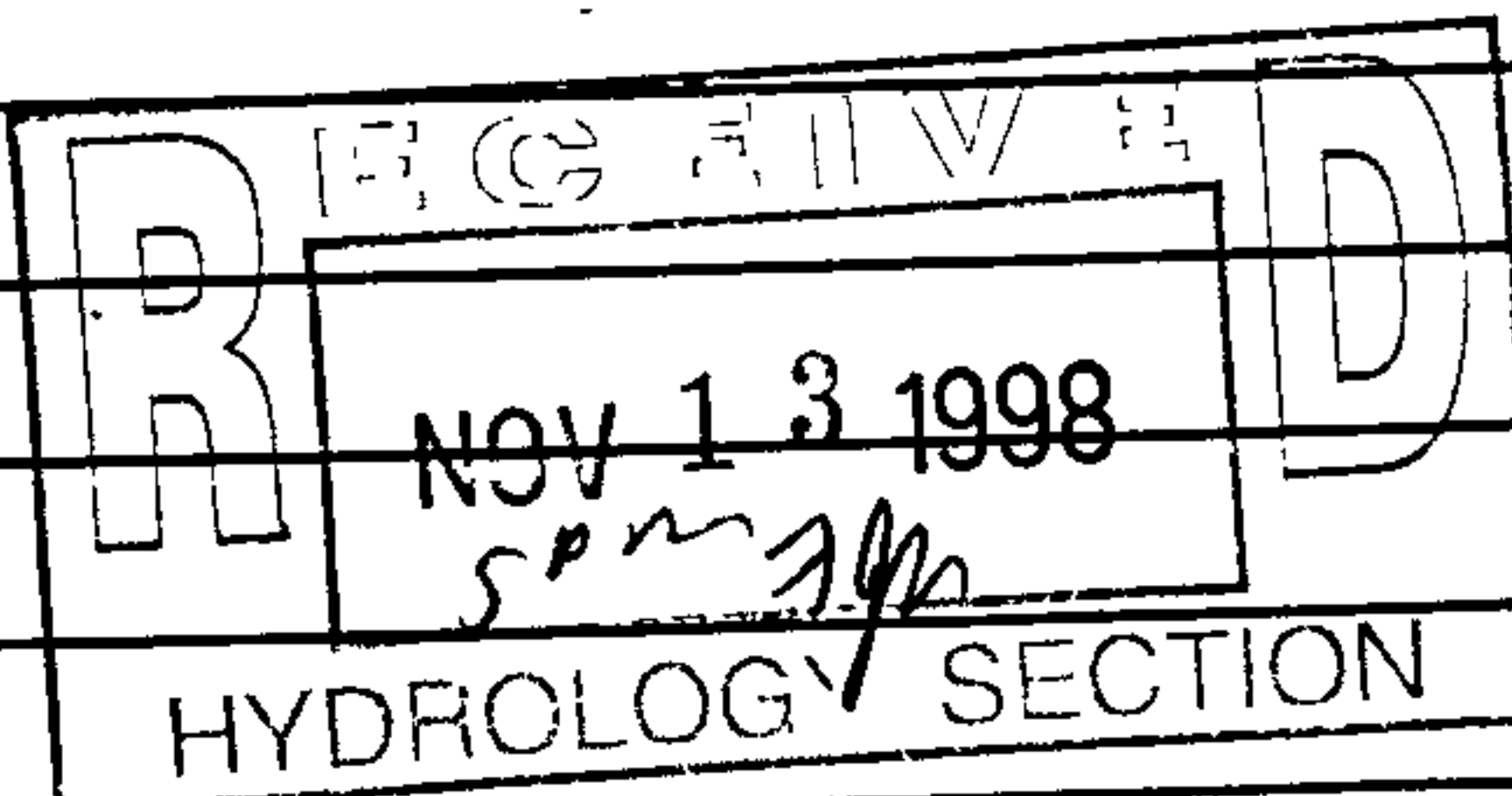
☒ For your use

☐ As requested

☐ For review and comment

☐ Other _____

REMARKS _____



COPY TO _____

SIGNED: Debi Dodge

Case Routing Slip

9-Nov-98

pwd

-98

-202

Category: Submittal

Applicant Name: Isaacson & Arfman

Application Date: 09-Nov-98

Applicant Category: Drainage Engineer

Due Date: 30-Nov-98

Owner Info

Agent Info

Egr/Svy Info

Name

APS

Isaacson & Arfman

Address

915 Locust SE

128 Monroe NE

City

Albuquerque

Albuquerque

State

NM

NM

ZIP

87106

87108

Ph

765-5950

268-8828

Legal Description: TRS 8C1B MRGCD MAP #49

UPC:

1--12--53-416-138-401-39

Zone Map P-12

Street Address:

3912 Isleta SW

Submittal Type:

Grading & Drainage Plan

Comments Required From:

DRAN



DRE



ENGA



INSP



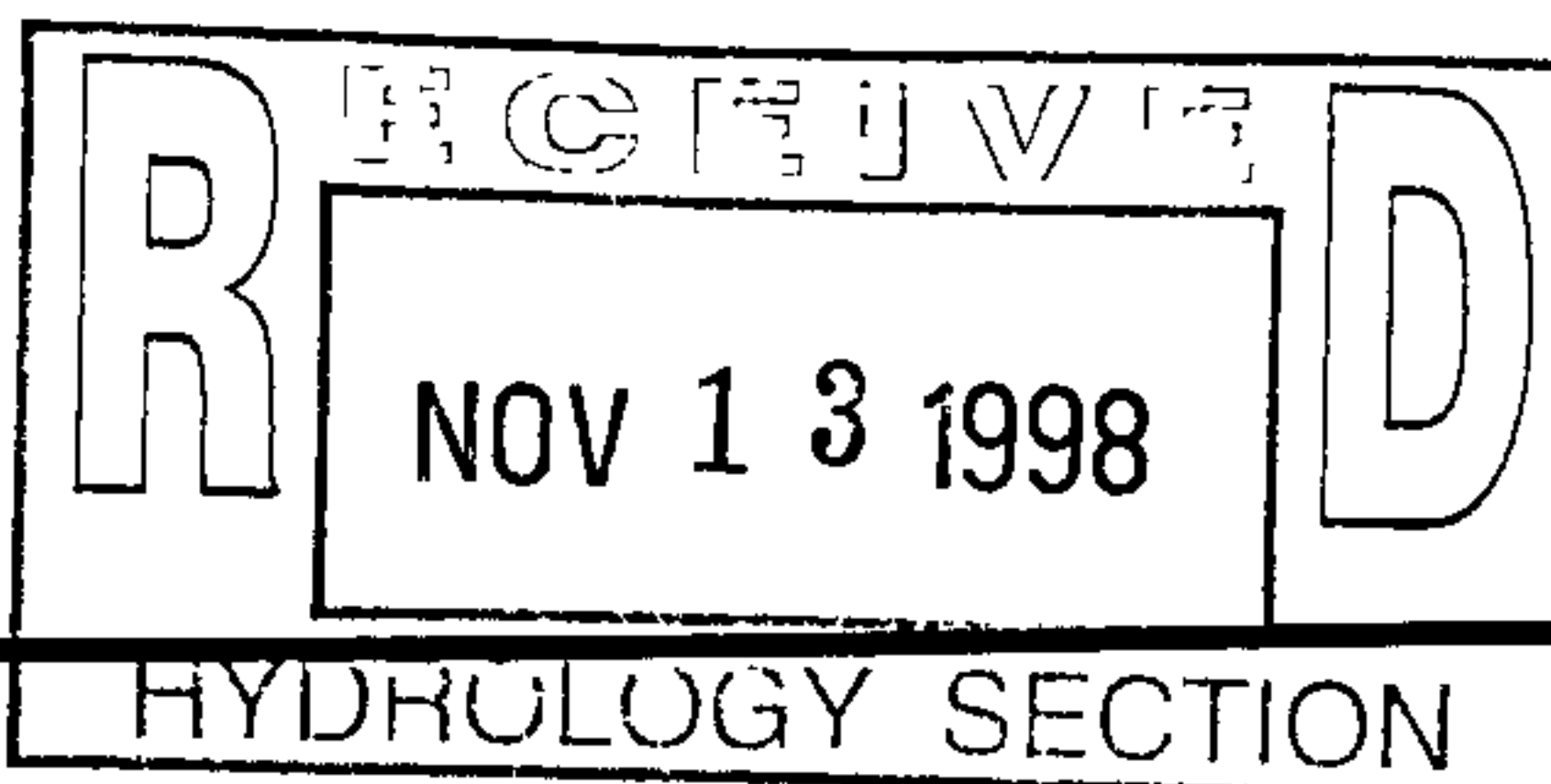
TRAF



UTIL



OTHE



Angela

FP

11/13/98

Original

11/13/98

BERNALILLO COUNTY



PWD SUBMITTAL

Use for all PWD applications EXCEPT Street Excavation

- ☒ NEW SUBMITTAL
☐ RESUBMITTAL
☐ FINAL SIGNOFF

TODAY'S DATE: 11.9.98

CASE NO:

OWNER

OWNER Albuquerque Public Schools PHONE 765-5950
 MAILING ADDRESS 915 Locust SE CITY Alb. ZIP 87108

AGENT

AGENT / CONTRACTOR Isaacson & Artman PA PHONE 268-8828
 MAILING ADDRESS 128 Monroe NE CITY Alb ZIP 87108
 STATE LICENSE NO _____ EXP DATE _____ VOLUME _____ CLASS _____

ARCHITECT/ENGINEER Isaacson & Artman PA LICENSE NO 3895 PHONE 268-8828

SITE INFORMATION

SITE ADDRESS / DIRECTIONS 3912 Isleta Blvd SW ZONE ATLAS NO P 12
Harrison Middle School
 LEGAL DESCRIPTION Tract 8C1B, MRGCD Map No 49
 LOT SIZE: 24.79 ac
 EXISTING BUILDING(S) AND USE: Administration, Classrooms, Gym PROPOSED BUILDING(S) Soccer Field
 UPC # 1-012-053-414-138-401-39

TYPE OF SUBMITTAL

- | | |
|---|--|
| ☐ REPLAT | ☐ TRAFFIC IMPACT ANALYSIS / TRAFFIC STUDY |
| ☐ MINOR SUBDIVISION | ☐ INFRASTRUCTURE LIST / DESIGN REVIEW |
| ☐ MAJOR SUBDIVISION | ☐ SPECIAL USE PERMIT |
| ☐ CONSTRUCTION DRAWINGS | ☐ BARRICADING PERMIT |
| ☒ GRADING & DRAINAGE PLAN | ☐ BUILDING PERMIT |
| ☐ AS-CONSTRUCTED GRADING & DRAINAGE PLAN | ☐ INSPECTION |
| ☐ VARIANCE REQUEST | ☐ OTHER (Specify): |
| ☐ LAND DIVISION | |

The issuance of a permit or a review or approval of plan specifications, computations, and shop drawings, shall not be interpreted to be a permit for, or an approval of any variance or violation of any of the provisions of any COUNTY or STATE codes, ordinances, standards, or policies. Nor shall such issuance of a permit or approval of plans, specifications, computations, and shop drawings prevent any authorized COUNTY representative or COUNTY Inspector from thereafter requiring the correction of errors in said plans, specifications, computations, or shop drawings or from stopping construction operations which are being carried on thereunder when in violation of any COUNTY or STATE codes, ordinances, standards, or policies.

☐ Owner ☒ Agent ☐ Contractor

Signature Thomas D. Isaacson Date 11.9.98

COUNTY

BERNALILLO COUNTY USE ONLY

C.R.#	TOTAL FEE
	Receipt No.
	Received By

COUNTY OF BERNALILLO
APPLICATION FOR CASE REVIEW

TYPE OR PRINT IN INK ONLY.

Please complete the following application for review of your case. Submit four blueines of plat, drawings, or information. Submit a County Zone Atlas Map with subject property marked on the map. If a grading and drainage plan is not included with a land division, subdivision, replat, conceptual, or excavation permit submittal, please submit one 8.5" x 11" photocopy of a USGS quad map with the subject property superimposed. Incomplete or inaccurate applications may delay the review. DO NOT USE THIS FORM FOR RESUBMITTALS FOR WHICH PUBLIC WORKS HAS ALREADY OR IS IN THE PROCESS OF PROVIDING COMMENTS ON. PLEASE INFORM THE RECEPTIONIST OF A RESUBMITTAL IN ORDER THAT YOU FILL OUT THE "RESUBMITTAL FOR CASE REVIEW" FORM. IF THE CASE HAS AN EXISTING CASE NUMBER, THE SUBMITTAL IS CONSIDERED A RESUBMITTAL.

1. APPLICANT INFORMATION:

a. APPLICANT IS (CHECK ONE):

Owner

Contractor

Surveyor

Agent

Architect/Engineer

✓ Drainage Engineer

b. Date of this application: 11.9.98

c. SIGNATURE OF APPLICANT:

(PRINT): Thomas O. Isaacson

(SIGN): Thomas O. Isaacson

d. OWNER APS (Jerry Brown)

PHONE 765-5950

ADDRESS 915 Locust SE

ZIP CODE 87106

e. AGENT —

PHONE —

ADDRESS —

ZIP CODE —

f. CONTRACTOR —

PHONE —

ADDRESS —

ZIP CODE —

g. ARCHITECT/ENGINEER Dennis C. Wilkinson & Assoc.

PHONE 897-7430

ADDRESS Box 1542, Corrales NM 87048

ZIP CODE 87048

h. SURVEYOR Wilson & Co

PHONE 254-4000

ADDRESS 4775 Indian School Rd NE #200

ZIP CODE 87110

i. DRAINAGE ENGINEER Isaacson & Artman PA

PHONE 881-2394

ADDRESS 128 Monroe St NE

ZIP CODE 87108

2. TYPE OF REVIEW (CHECK ONE):

Replat

Excavation Permit

Other (Specify):

Minor Subdivision

Construction Drawing

(Land Division)

Conceptual Review

Subdivision

X Grading/Drainage

Building Permit

Preliminary

3. LOCATION OF REQUEST:

- a. Site Address: 3912 Isleta Blvd SW
b. Legal Description: Tract 8C1B, MR6CD, Map No 49
(Harrison Middle School)
c. County Zone Map No.: P12

4. If this case has or is being reviewed by another agency, please write case number(s): _____

CASE NO.:

Public Works Intended Use Only

REP _____
LDR _____
SUB _____
BPP _____

PER _____
CON _____
PWD _____
GDR _____



AREA	DESCRIPTION
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P-12-7

SUPPLEMENTAL CALCULATIONS

for

HARRISON MIDDLE SCHOOL
SOCCER FIELDS



TABLE OF CONTENTS

<u>Page</u>	<u>Title</u>
1	Q ₁₀₀ Calculations
2	V ₁₀₀ Calculations
3	WSEL Calculations ~ Basin 20A
4	WSEL Calculations ~ Basin 102A
5	WSEL Calculations ~ Basin 103
6	Drainage Map ~ Existing Conditions

RUNOFF CALCULATIONS FOR Q_{100}

Precip. Zone	Excess Precipitation, E (inches)			
	A	B	C	D
1	1.29	2.03	2.87	4.37
2	1.56	2.28	3.14	4.70
3	1.87	2.60	3.45	5.02
4	2.20	2.92	3.73	5.25

Project: Harrison Middle
School Soccer Field
 By: TDI Date: 11/2/98

Drainage Basin	Land Treatment Areas (ac)					Q_{100} (cf)	Remarks
	A_T	A_A	A_B	A_C	A_D		
20	2.02			2.02		5.8	Existing
101	2.28		0.18	0.71	1.39	8.5	"
102	20.53			15.19	5.34	66.9	"
20A	1.68		0.41	1.27		4.5	Developed
102A	19.50			14.16	5.34	64.0	"
103	1.37		0.59	0.78		3.4	"

100-YEAR RUNOFF VOLUME CALCULATIONS

Precip. Zone	Excess Precipitation, E (inches)			
	A	B	C	D
1	0.44	0.67	0.99	1.97
2	0.53	0.78	1.13	2.12
3	0.66	0.92	1.29	2.36
4	0.80	1.08	1.46	2.64

Project: Harrison Middle School
Soccer Field

By: TDI Date: 11/2/98

Drainage Basin	Land Treatment Areas (ac)					Weighted E (in)	V ₁₀₀ (cf)	Remarks
	A _T	A _A	A _B	A _C	A _D			
20	2.02			2.02		0.99	7,300	Existing
101	2.28		0.18	0.71	1.39	1.56	12,900	"
102	20.53			15.19	5.34	1.24	92,775	"
20A	1.68		0.41	1.27		0.91	5561	Developed
102A	19.50			14.16	5.34	1.26	89,074	"
103	1.37		0.59	0.78		0.85	4,238	"

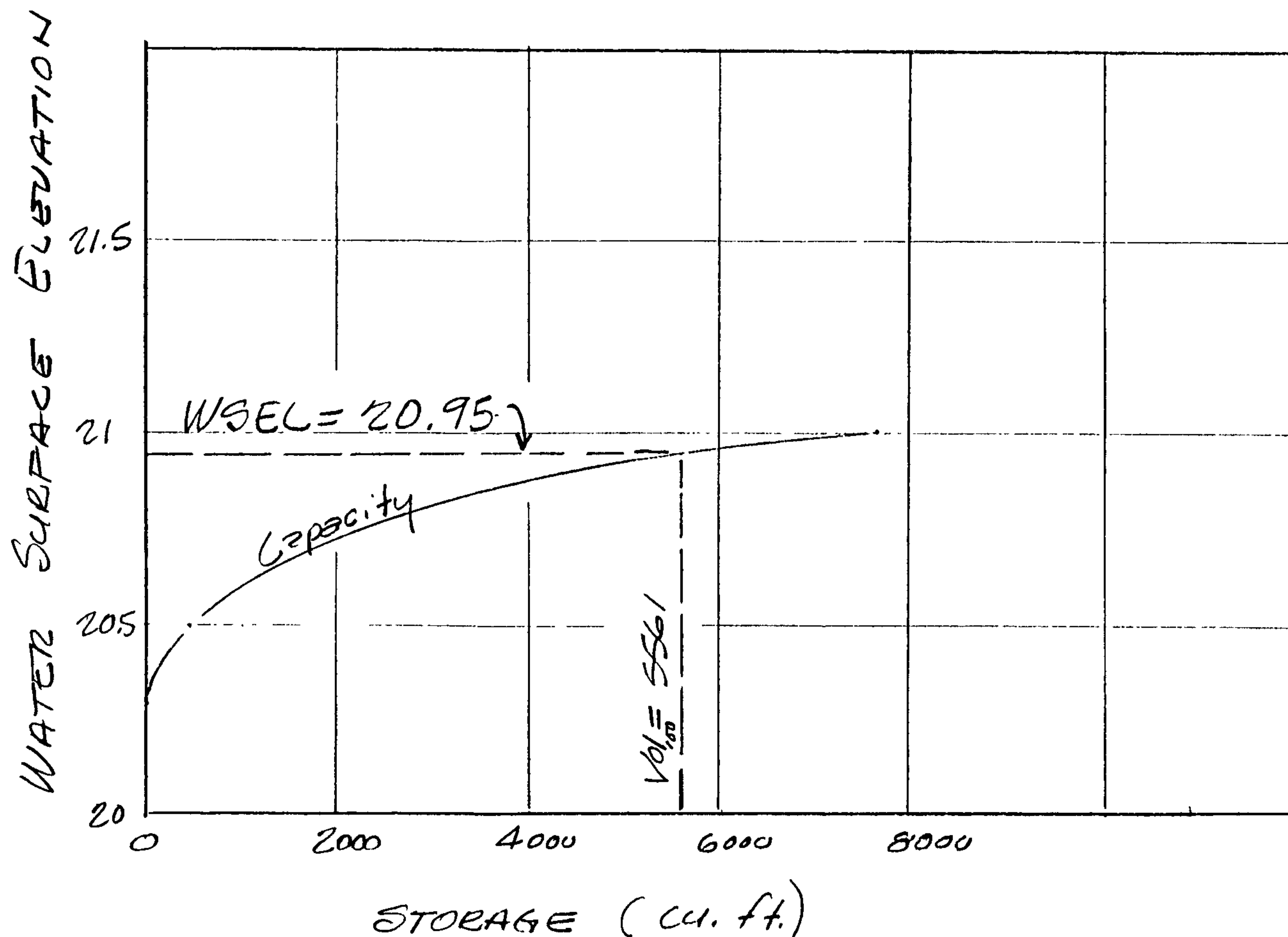
$$\text{Weighted E} = (E_A A_A + E_B A_B + E_C A_C + E_D A_D) \div A_T$$

$$\text{Volume} = \frac{\text{Weighted E}}{12} \times A_T \times 43,560$$

COMPUTE WSEL FOR BASIN 20A FLOOD PLAIN

Flood Plain Ponding Area Calculations

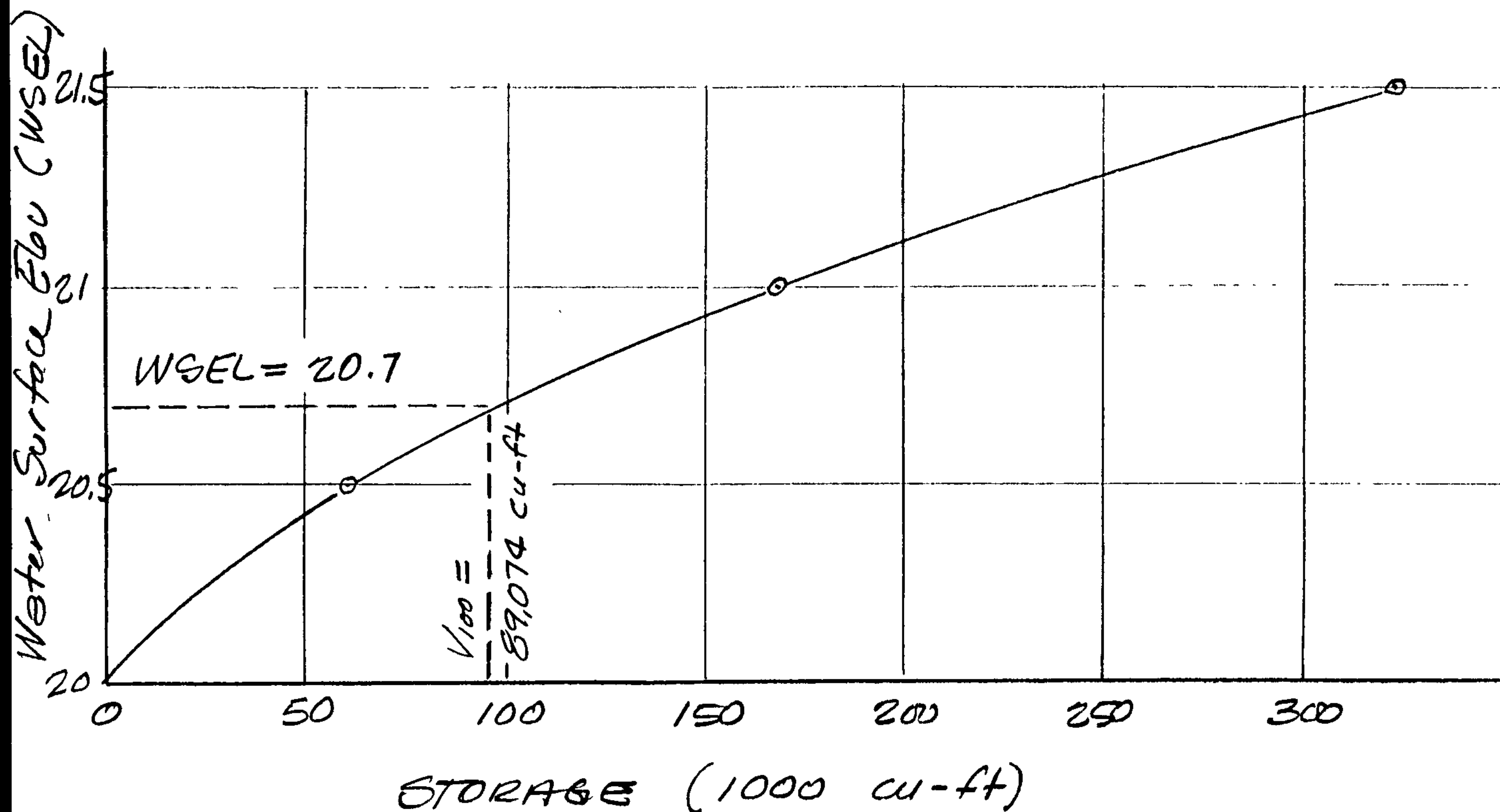
ELEV	Planimeter Rdg	Area (sf)	AVG AREA (sf)	DEPTH (ft)	VOLUME (cu-ft)	Accum. Vol (cu-ft)
20.3	-	0				
			2250	0.2	450	
20.5	120	4,500				450
			14,344	0.5	7172	
21.0	645	24,188				7622



COMPUTE WSEL FOR BASIN 102A FLOOD PLAIN

Flood Plain Ponding Area Calculations

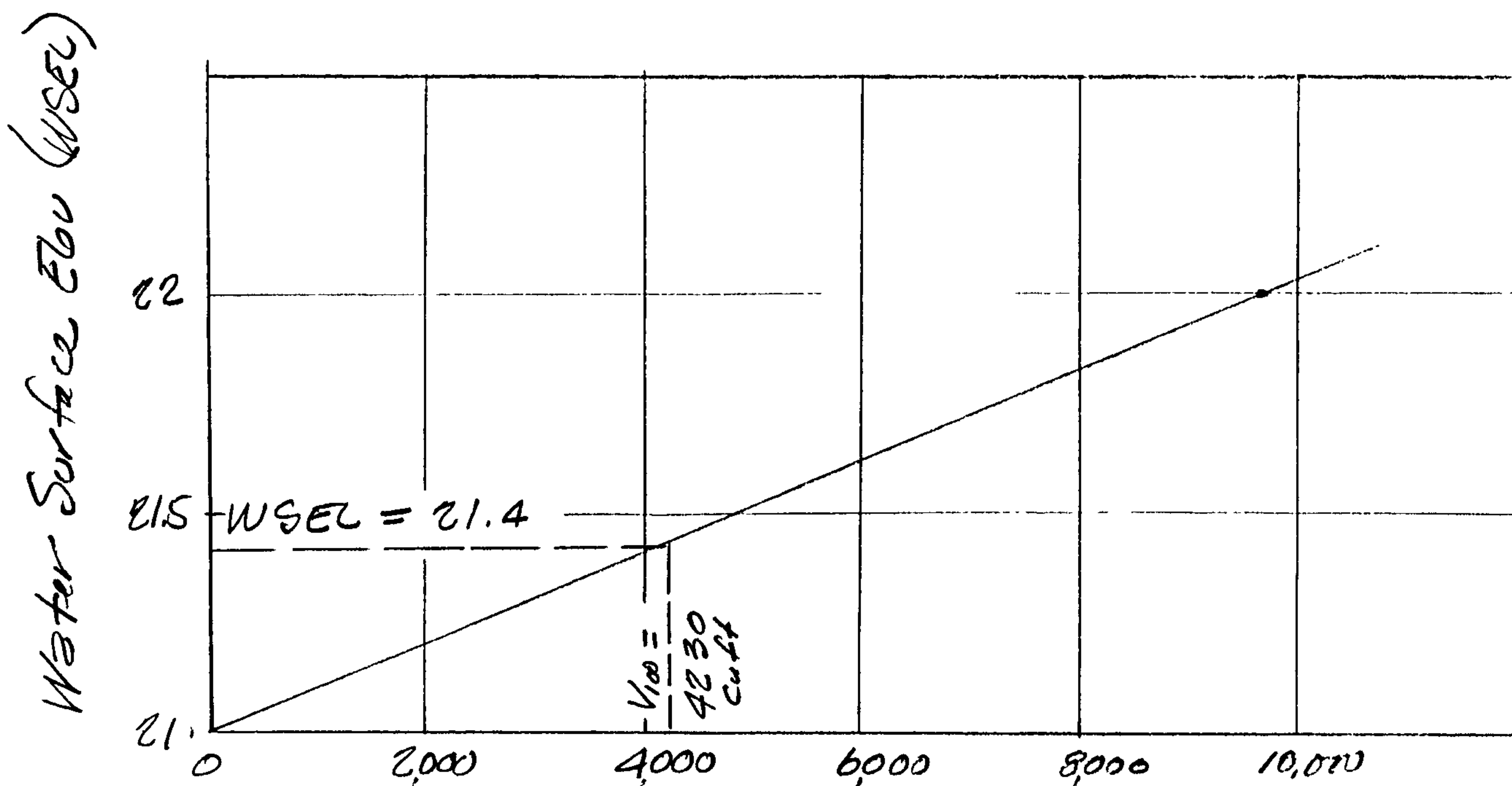
ELEV	Planimeter Rdg	Area (sf)	Avg Area (sf)	Depth (ft)	Volume (cu-ft)	Accum Vol. cu-ft
20.0	2915	109,312				
			118,406	0.5	59,203	
20.5	3400	127,500				59,203
			195,281	0.5	97,640	
21.0	7015	263,062				156,843
			330,468	0.5	165,234	
21.5	10610	397,875				322,077



COMPUTE WSEL FOR BASIN 103 RETENTION BASIN

Retention Basin Ponding Area Calculations

ELEV	PLANIMETER AREA RDG	AREA (sf)	AVG AREA (sf)	DEPTH (ft)	VOLUME (cu-ft)	ACCUM. VOL (cu-ft)
21	-	2500				
			9700	1	9700	9700
22		16,900				



County of Bernalillo

State of New Mexico



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JOE BOWDICH, SHERIFF

ORLANDO VIGIL, TREASURER

2400 BROADWAY, S.E.
ALBUQUERQUE, NEW MEXICO 87102
PUBLIC WORKS (505) 848-1500

August 28, 1998

Tom Isaacson, P.E.
Isaacson & Arfman, PA
128 Monroe St. NE
Albuquerque, New Mexico 87108

RE: *Engineer's Certification for Harrison Middle School, (P12/D6) (PWD-96-103)*
Submitted for Certificate of Occupancy Approval, Engineer's Stamp Dated 8/18/98.

Dear Mr. Isaacson:

The above referenced Engineer's Certification for the Harrison Middle School is adequate for release of the Certificate of Occupancy for this site.

If you have any questions, please call me at 924-3982, or contact Brad Catanach at the County.

Sincerely,

A handwritten signature in cursive script, reading "Susan Calongne".

Susan M. Calongne, P.E.
City/County Floodplain Administrator

c: Andrew Garcia, City Hydrology
 Brad Catanach, P.E., Bernalillo County Public Works Division
 File

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Harrison Middle School ZONE ATLAS/DRNG. FILE #: P 12/D6

DRB #: EPC #: WORK ORDER #:

LEGAL DESCRIPTION: Tract 8C1B, MRGLD Map No. 49

CITY ADDRESS: 3912 Isleta Blvd SW

ENGINEERING FIRM: Isaacson & Arfman PA CONTACT: Tom Isaacson
 ADDRESS: 128 Monroe NE 87108 PHONE: 268-8828

OWNER: Albuquerque Public Schools CONTACT: Jerry Brown
 ADDRESS: 915 Locust SE, 87106 PHONE: 765-5950

ARCHITECT: Dekker / Perich & Assoc. CONTACT: Ron Witherspoon
 ADDRESS: 6801 Jefferson NE, 87109 PHONE: 761-9700

SURVEYOR: Wilson & Co. CONTACT: William Brewster
 ADDRESS: 4775 Indian Sch. Rd PHONE: 254-4000

CONTRACTOR: Cillesen Construction Co CONTACT: Darren
 ADDRESS: 6004 Anaheim Ave NE PHONE: 821-3400
87113

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
- ☒ CERTIFICATE OF OCCUPANCY APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ S.A.D. DRAINAGE REPORT
- ☐ DRAINAGE REQUIREMENTS
- ☐ OTHER _____ (SPECIFY)

DATE SUBMITTED:

8/18/98

BY:

Tom Isaacson

Case Routing Slip

17-Oct-97

PWD -96 - 103

Category: Resubmitt

Applicant Name: ALBUQUERQUE PUBLIC S

Application Date: 17-Oct-97

Applicant Category: Owner

Due Date: 07-Nov-97

Owner Info

Agent Info

Egr/Svy Info

Name	ALBUQUERQUE PUBLIC	ISAACSON & ARFMAN	
Address	915 LOCUST SE	128 MONROE NE	
City	Albuquerque	ALBUQUERQUE	
State	NM	NM	
ZIP	87106	87108	
Ph	765-5950	268-8828	

Legal Description: TR 8C1B MRGCD MAP 49

UPC: Zone Map P-12

Street Address: 3912 ISLETA BLVD SW

Submittal Type: Grading & Drainage Plan

Comments Required From:

DRAN ☒ DRE ☐ ENGA ☐ INSP ☐ TRAF ☐ UTIL ☐ OTHE ☐

Brad

J.P.
8/21/98

BERNALILLO COUNTY



PWD SUBMITTAL

Use for all PWD applications EXCEPT Street Excavation

☐ NEW SUBMITTAL

☒ RESUBMITTAL

☐ FINAL SIGNOFF

TODAY'S DATE: 8/19/98

CASE NO: PWD-96-103

OWNER

OWNER Albuquerque Public Schools PHONE 765-5950
MAILING ADDRESS 915 Locust SE CITY Alb. ZIP 87106

AGENT

AGENT / CONTRACTOR Isaacson & Arfman PA PHONE 268-8828
MAILING ADDRESS 128 Monroe NE CITY Alb. ZIP 87108

STATE LICENSE NO. EXP. DATE VOLUME CLASS

ARC. ST/ENGINEER Isaacson & Arfman PA LICENSE NO. 3895 PHONE 268-8828

SITE INFORMATION

SITE ADDRESS / DIRECTIONS 3912 Isleta Blvd SW ZONE ATLAS NO P12

Harrison Middle School

LEGAL DESCRIPTION Tract 8C1B, MRGLD Map 49

LOT SIZE: 24.79 ac

EXISTING BUILDING(S) AND USE Administration, Classrooms, Gym PROPOSED BUILDING(S) Classrooms

UPC: 1-012-053-416-138-401-39

TYPE OF SUBMITTAL

- ☐ REPLAT
- ☐ MINOR SUBDIVISION
- ☐ MAJOR SUBDIVISION
- ☐ CONSTRUCTION DRAWINGS
- ☐ GRADING & DRAINAGE PLAN
- ☒ AS-CONSTRUCTED GRADING & DRAINAGE PLAN
- ☐ VARIANCE REQUEST
- ☐ LAND DIVISION

- ☐ TRAFFIC IMPACT ANALYSIS / TRAFFIC STUDY
- ☐ INFRASTRUCTURE LIST / DESIGN REVIEW
- ☐ SPECIAL USE PERMIT
- ☐ BARRICADING PERMIT
- ☐ BUILDING PERMIT
- ☐ INSPECTION
- ☐ OTHER (Specify)

The issuance of a permit or a review or approval of plan specifications, computations, and shop drawings, shall not be interpreted to be a permit for, or an approval of any variance or violation of any of the provisions of any COUNTY or STATE codes, ordinances, standards, or policies. Nor shall such issuance of a permit or approval of plans, specifications, computations, and shop drawings prevent any authorized COUNTY representative or COUNTY Inspector from thereafter requiring the correction of errors in said plans, specifications, computations, or shop drawings or from stopping construction operations which are being carried on thereunder when in violation of any COUNTY or STATE codes, ordinances, standards, or policies.

☐ Owner ☒ Agent ☐ Contractor

Signature

Hermes D. Isaacson

Date

8/18/98

BERNALILLO COUNTY USE ONLY

CR:

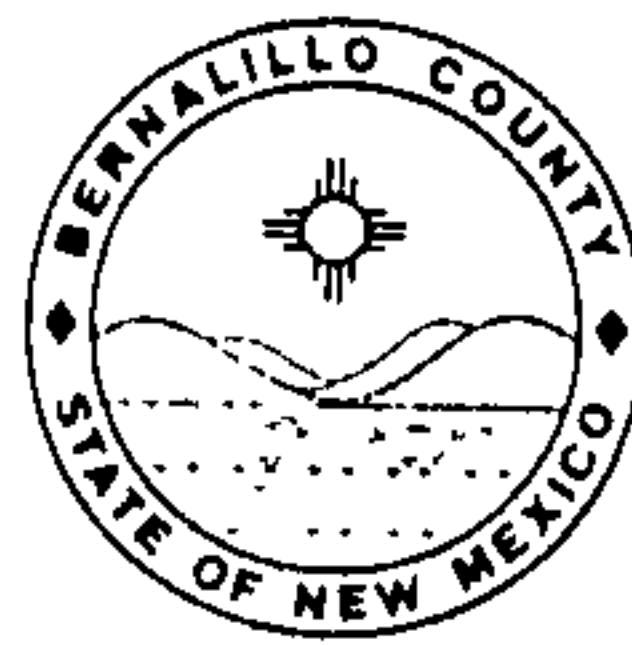
TOTAL FEE:

Receipt No.

Received By:

County of Bernalillo

State of New Mexico



BOARD OF COUNTY COMMISSIONERS

STEVE D. GALLEGOS, CHAIRMAN
DISTRICT 2

KEN SANCHEZ, VICE CHAIRMAN
DISTRICT 1

TOM RUTHERFORD, MEMBER
DISTRICT 3

BARBARA J. SEWARD, MEMBER
DISTRICT 4

LES HOUSTON, MEMBER
DISTRICT 5

JUAN R. VIGIL, COUNTY MANAGER

DAVID K. ANDERSON, ASSESSOR

JUDY D. WOODWARD, CLERK

THOMAS J. MESSALL, PROBATE JUDGE

JOE BOWDICH, SHERIFF

ORLANDO VIGIL, TREASURER

2400 BROADWAY, S.E.
ALBUQUERQUE, NEW MEXICO 87102
PUBLIC WORKS (505) 848-1500

August 17, 1998

Tom Isaacson, P.E.
Isaacson & Arfman, PA
128 Monroe St. NE
Albuquerque, New Mexico 87108

RE: *Engineer's Certification for Harrison Middle School, (P12/D6) (PWD-96-103)*
Submitted for Certificate of Occupancy Approval, Engineer's Stamp Dated 7/30/98.

Dear Mr. Isaacson:

The above referenced Engineer's Certification for the Harrison Middle School is not adequate for Certificate of Occupancy release. It appears that the plan is certifying things that have not yet been built. Please resubmit, showing what has actually been constructed.

If you have any questions, please call me at 924-3982, or contact Brad Catanach at the County.

Sincerely,

A handwritten signature in cursive script, reading "Susan Calongne".

Susan M. Calongne, P.E.
City/County Floodplain Administrator

c: Andrew Garcia, City Hydrology
Brad Catanach, P.E., Bernalillo County Public Works Division
File

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Harrison Middle School ZONE ATLAS/DRNG. FILE #: P 12 D 006

DRB #: — EPC #: — WORK ORDER #: —

LEGAL DESCRIPTION: Tract 8C1B, MRGCD Map No. 49

CITY ADDRESS: 3912 Isleta Blvd SW

ENGINEERING FIRM: Isaacson & Arfman PA CONTACT: Tom Isaacson

ADDRESS: 128 Monroe NE 87108 PHONE: 268-8828

OWNER: Albuquerque Public Schools CONTACT: Jerry Brown

ADDRESS: 915 Locust SE, 87106 PHONE: 765-5950

ARCHITECT: Dekker / Perich & Assoc. CONTACT: Ron Witherspoon

ADDRESS: 6801 Jefferson NE, 87109 PHONE: 761-9700

SURVEYOR: Wilson & Co. CONTACT: William Brewster

ADDRESS: 4775 Indian Sch. Rd PHONE: 254-4000

CONTRACTOR: Cillesen Construction Co CONTACT: Darren

ADDRESS: 6004 Anshim Ave NE PHONE: 821-3400

87113

TYPE OF SUBMITTAL:

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

PRE-DESIGN MEETING:

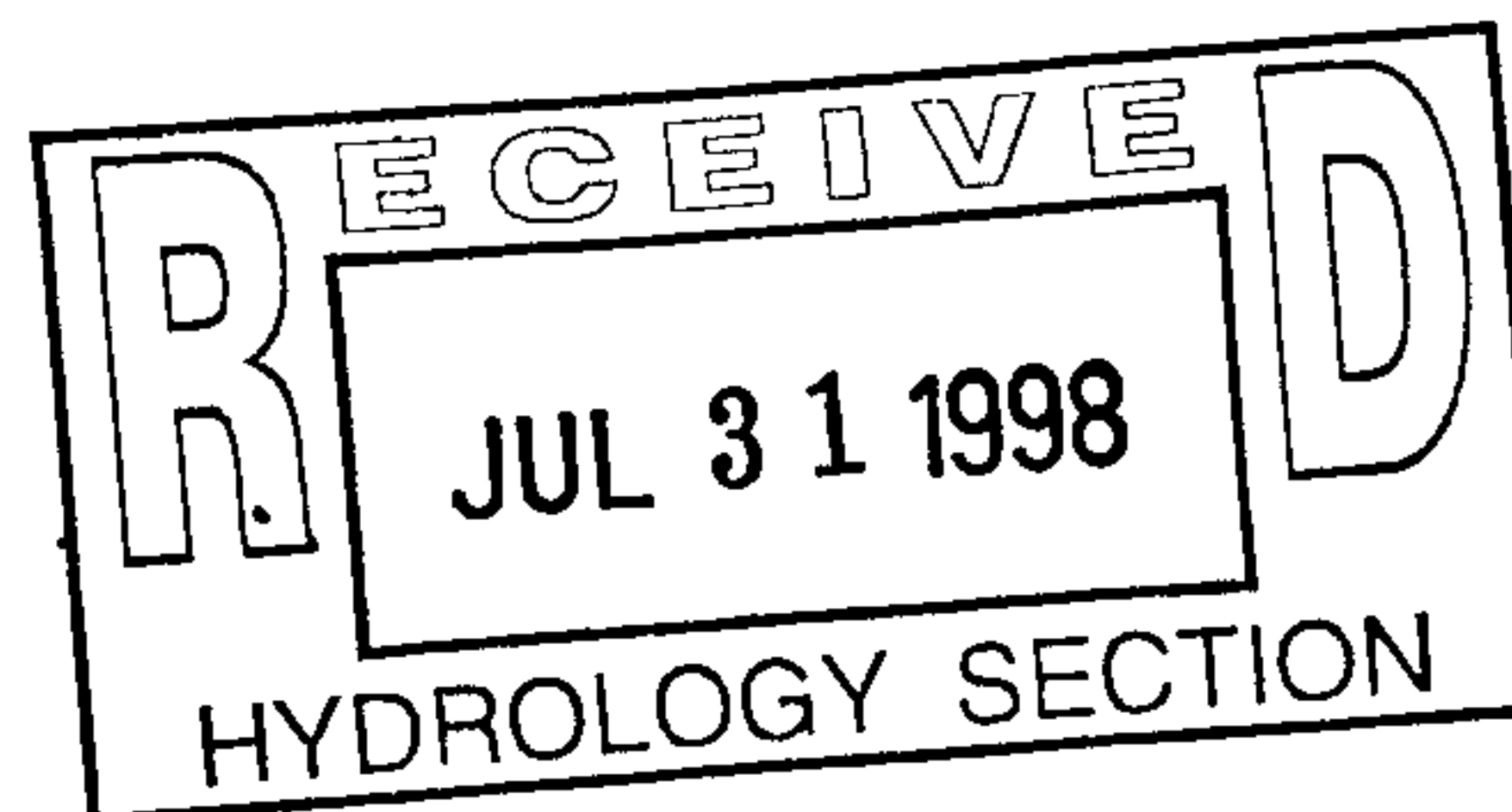
- ☐ YES
- ☐ NO
- ☐ COPY PROVIDED

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
- ☒ CERTIFICATE OF OCCUPANCY APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ S.A.D. DRAINAGE REPORT
- ☐ DRAINAGE REQUIREMENTS
- ☐ OTHER _____ (SPECIFY)

DATE SUBMITTED: _____

BY: Tom Isaacson



Case Routing Slip

30-Jul-09

pwd

⁹⁶
~~98~~

103

Category: Final Sign-

Applicant Name: Isaacson & Arfman

Application Date: 30-Jul-98

Applicant Category: Drainage Engineer

Due Date: 20-Aug-98

Owner Info

Agent Info

Egr/Svy Info

Name

APS

Isaacson & Arfman

Address

915 Locust SE

128 Monroe St NE

City

Albuquerque

Albuquerque

State

NM

NM

ZIP

87106

87108

Ph

765-5950

268-8828

Legal Description: TR 8C1B MRGCD MAP #49

UPC:

1-012-053-416-138-401-39

Zone Map P-12

Street Address:

3912 Isleta Blvd SW

Submittal Type:

As-Constr Grad. & Drain. Plan

Comments Required From:

DRAN



DRE



ENG



INSP



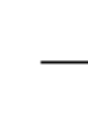
TRAF



UTIL



OTHE



FP
7/30/98

Original
~~Amended~~
7/30/98

BERNALILLO COUNTY

☐ NEW SUBMITTAL

☒ RESUBMITTAL

☒ FINAL SIGNOFF

TODAY'S DATE



PWD SUBMITTAL

Use for all PWD applications EXCEPT Street Excavation

CASE NO *PWD-96-103*

OWNER

OWNER	<i>Albuquerque Public Schools</i>	PHONE	<i>765-5950</i>
MAILING ADDRESS	<i>915 Locust SE</i>	CITY	<i>Alb.</i> ZIP <i>87106</i>

AGENT

AGENT / CONTRACTOR	<i>Isaacson & Arfman PA</i>	PHONE	<i>268-8828</i>
MAILING ADDRESS	<i>128 Monroe NE</i>	CITY	<i>Alb.</i> ZIP <i>87108</i>
STATE LICENSE NO		EXP DATE	
		VOLUME	CLASS
ARC... CT/ENGINEER	<i>Isaacson & Arfman PA</i>	LICENSE NO.	<i>3895</i>
		PHONE	<i>268-8828</i>

SITE INFORMATION

SITE ADDRESS / DIRECTIONS	<i>3912 Isleta Blvd SW</i>	ZONE ATLAS NO	<i>P12</i>																								
<i>Harrison Middle School</i>																											
LEGAL DESCRIPTION	<i>Tract 8C1B, MRGLD Map 49</i>																										
	LOT SIZE: <i>24.79 ac</i>																										
EXISTING BUILDING(S) AND USE	<i>Administration, Classrooms, Gym</i>																										
PROPOSED BUILDING(S)	<i>Classrooms</i>																										
UPC #	<table border="1"> <tr> <td>1</td><td>-</td><td>0</td><td>1</td><td>2</td><td>-</td><td>0</td><td>5</td><td>3</td><td>-</td><td>4</td><td>1</td><td>6</td><td>-</td><td>1</td><td>3</td><td>8</td><td>-</td><td>4</td><td>0</td><td>1</td><td>-</td><td>3</td><td>9</td> </tr> </table>			1	-	0	1	2	-	0	5	3	-	4	1	6	-	1	3	8	-	4	0	1	-	3	9
1	-	0	1	2	-	0	5	3	-	4	1	6	-	1	3	8	-	4	0	1	-	3	9				

TYPE OF SUBMITTAL

- | | |
|--|--|
| ☐ REPEAT | ☐ TRAFFIC IMPACT ANALYSIS / TRAFFIC STUDY |
| ☐ MINOR SUBDIVISION | ☐ INFRASTRUCTURE LIST / DESIGN REVIEW |
| ☐ MAJOR SUBDIVISION | ☐ SPECIAL USE PERMIT |
| ☐ CONSTRUCTION DRAWINGS | ☐ BARRICADING PERMIT |
| ☒ GRADING & DRAINAGE PLAN | ☐ BUILDING PERMIT |
| ☒ AS-CONSTRUCTED GRADING & DRAINAGE PLAN | ☐ INSPECTION |
| ☐ VARIANCE REQUEST | ☐ OTHER (Specify) |
| ☐ LAND DIVISION | |

The issuance of a permit or a review or approval of plan specifications, computations, and shop drawings, shall not be interpreted to be a permit for, or an approval of any variance or violation of any of the provisions of any COUNTY or STATE codes, ordinances, standards, or policies. Nor shall such issuance of a permit or approval of plans, specifications, computations, and shop drawings prevent any authorized COUNTY representative or COUNTY Inspector from thereafter requiring the correction of errors in said plans, specifications, computations, or shop drawings or from stopping construction operations which are being carried on thereunder when in violation of any COUNTY or STATE codes, ordinances, standards, or policies.

☐ Owner ☒ Agent ☐ Contractor

Signature

Thomas D. Isaacson

Date

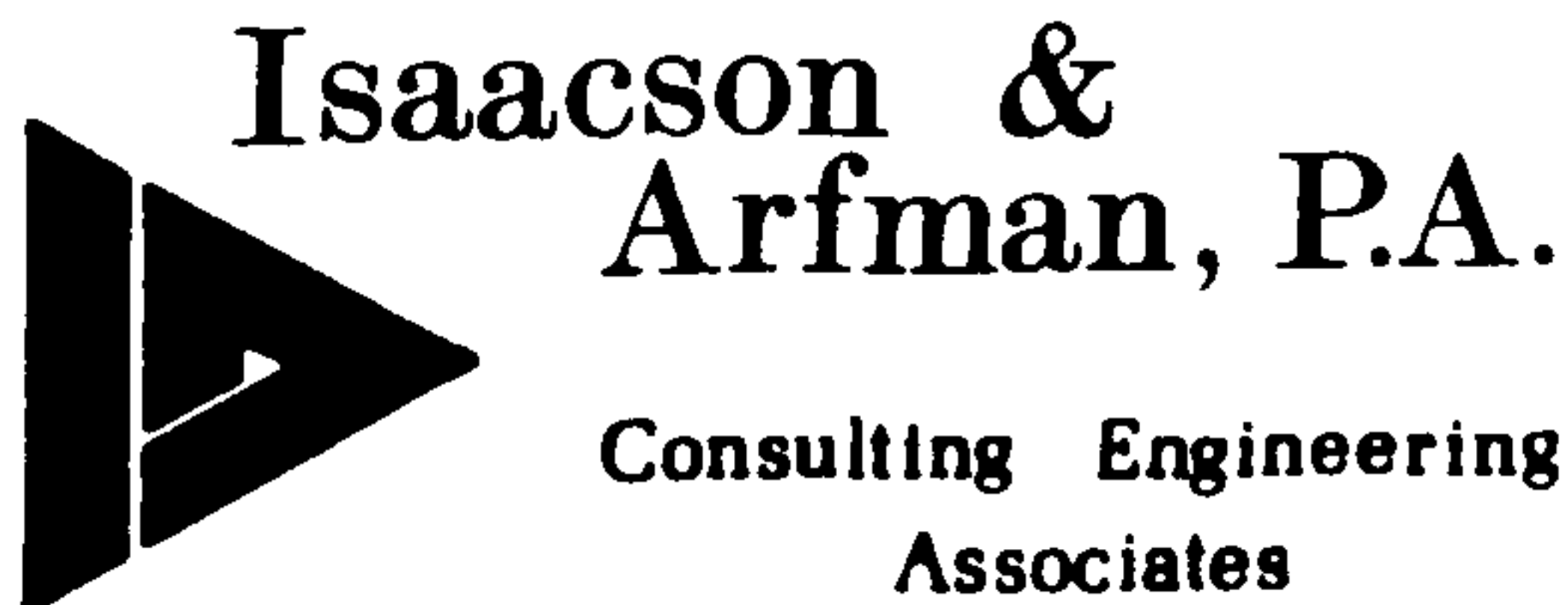
BERNALILLO COUNTY USE ONLY

CR #

TOTAL FEE

Receipt No

Received By



Letter of Transmittal

To Brad Cotanach, PE
Bernalillo County PWD

Date 7/30/98
Job No. _____

Attn: _____
Reference Harrison Middle School
PWD-96-103
Gentlemen: _____

We transmit to you _____ copy(ies) of the following

- | | | | |
|---------------------------------------|--|--------------------------|-------------------------|
| ☐ | Plats | ☐ | Shop Drawings |
| 3 ☒ | <u>As-Constructed</u> Plans | ☐ | Submittals |
| ☐ | <u>Grading & Drainage</u> Specifications | ☐ | Material Specifications |
| ☐ | Report | ☐ | Copy of Letter |
| ☒ | <u>1- Set Application Documents</u> | | |
| ☒ | <u>1- COA Drainage Information Sheet</u> | | |

This information is transmitted:

- | | | | |
|-------------------------------------|----------------------------|--------------------------|--------------------------|
| ☐ | As per your request | ☐ | For your files |
| ☒ | For your review & approval | ☐ | For your use |
| ☐ | For your information | ☐ | Please review & return |
| ☐ | For your attention | ☐ | For return to your files |
| ☐ | For your signature | ☐ | Please advise |

Remarks: _____

By: Tom Isaacson

Copies To _____

County of Bernalillo

State of New Mexico

BOARD OF COUNTY COMMISSIONERS

TOM RUTHERFORD, CHAIR
DISTRICT 3
BARBARA J. SEWARD, VICE CHAIR
DISTRICT 4
KEN SANCHEZ, MEMBER
DISTRICT 1
STEVE D. GALLEGOS, MEMBER
DISTRICT 2
LES HOUSTON, MEMBER
DISTRICT 5
JUAN R. VIGIL, COUNTY MANAGER



2400 BROADWAY, S.E.
ALBUQUERQUE, NEW MEXICO 87102
PUBLIC WORKS (505) 848-1500

DAVID K. ANDERSON, ASSESSOR
JUDY D. WOODWARD, CLERK
THOMAS J. MESCALL, PROBATE JUDGE
JOE BOWDICH, SHERIFF
ORLANDO VIGIL, TREASURER

October 30, 1997

Tom Isaacson, P.E.
Isaacson & Arfman, PA
128 Monroe St. NE
Albuquerque, New Mexico 87108

RE: Engineer's Certification for Harrison Middle School, Phase I (P12/D6) (PWD 96-103) Submitted for Certificate of Occupancy Approval, Engineer's Stamp Dated 10/15/97.

Dear Mr. Isaacson:

The Engineer's Certification provided in the submittal of October 16, 1997 for Phase I of the Harrison Middle School Improvements project is acceptable for release of the Certificate of Occupancy for this phase.

If you should have any questions, or if I may be of further assistance to you, please contact me at 924-3982.

Sincerely,

A handwritten signature in cursive script, reading "Susan Calongne".

Susan M. Calongne, P.E.
City/County Floodplain Administrator

c: Andrew Garcia, City Hydrology
Brad Catanach, Bernalillo County Public Works Division
File

PROJECT TITLE: Harrison Middle School ZONE ATLAS/DRNG. FILE #: P 12 506
 DEB #: EPC #: WORK ORDER #:
 LOCAL DESCRIPTION: Tract 8C1B, MEGCD Map No. 49
 CITY ADDRESS: 3912 Islets Blvd SW
 ENGINEERING FIRM: Isaacson & Arfman, PA CONTACT: Tom Isaacson
 ADDRESS: 128 Monroe NE 87108 PHONE: 268-8828
 OWNER: Albuquerque Public Schools CONTACT: Terry Brown
 ADDRESS: 915 Locust SE 87106 PHONE: 765-5950
 ARCHITECT: Dekker / Perich & Assoc. CONTACT: Ron Witherspoon
 ADDRESS: 6801 Jefferson NE, 87109 PHONE: 761-9700
 SURVEYOR: Wilson & Co. CONTACT: William Brewster
 ADDRESS: 4775 Indian Sch. Rd PHONE: 254-4000
 CONTRACTOR: Cillesen Construction Co CONTACT: Darren
 ADDRESS: 6004 Anaheim Ave NE PHONE: 821-3400
87113

TYPE OF SUBMITTAL:

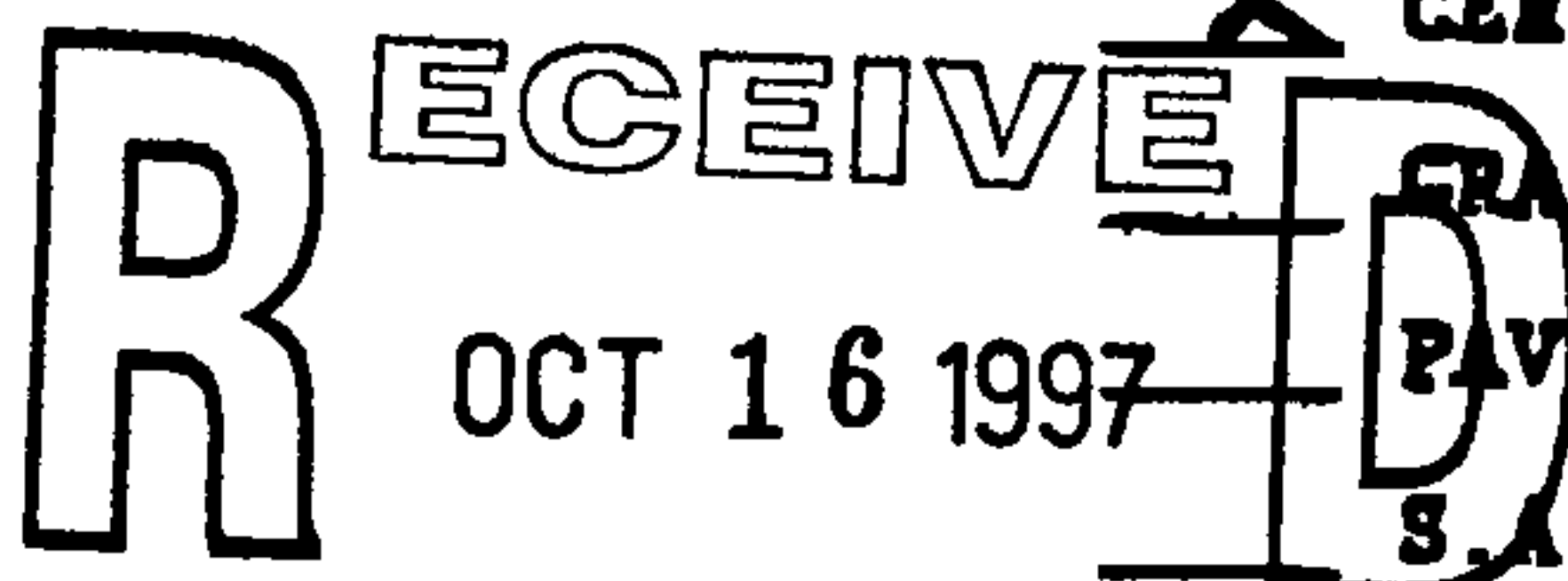
- ☐ DRAINAGE REPORT
☐ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☐ GRADING PLAN
☐ EROSION CONTROL PLAN
☒ ENGINEER'S CERTIFICATION (Phase 1)
☐ OTHER

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 (Phase 1)
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT

PRE-DESIGN MEETING:

- ☐ YES
☐ NO
☐ COPY PROVIDED



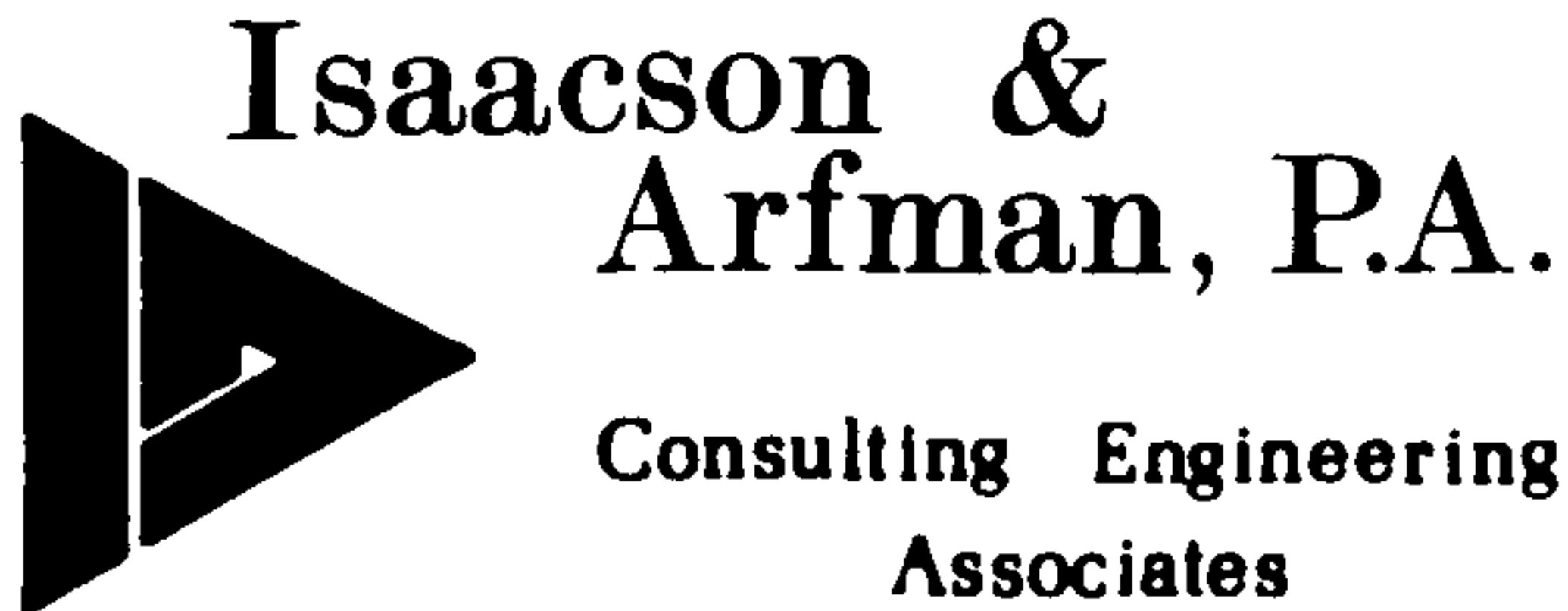
HYDROLOGY SECTION DRAINAGE REQUIREMENTS

OTHER _____ (SPECIFY)

30 day Temp Co. issued on 10/16/97

DATE SUBMITTED: 10/16/97
 BY: Tom Isaacson

Called Tom Isaacson 10/17/97
 - need submittal to County PWD



Letter of Transmittal

To Danen Date 10/15/97
Cillesen Construction Co Inc Job No. _____

Attn: 3912 Fskta SW
Reference Harrison Middle School

Gentlemen:

We transmit to you 1 copy(ies) of the following

- | | |
|---|--|
| ☐ _____ Plats | ☐ Shop Drawings |
| ☐ _____ Plans | ☐ Submittals |
| ☐ Specifications | ☐ Material Specifications |
| ☐ _____ Report | ☐ Copy of Letter |
| ☒ <u>AS-CONSTRUCTED CERTIFICATION DRAWING ~</u> | |
| ☐ <u>PHASE 1</u> | |

This information is transmitted:

- | | |
|---|---|
| ☒ As per your request | ☐ For your files |
| ☐ For your review & approval | ☐ For your use |
| ☐ For your information | ☐ Please review & return |
| ☐ For your attention | ☐ For return to your files |
| ☐ For your signature | ☐ Please advise |
| ☐ _____ | |
| ☐ _____ | |

Remarks: please lock gate to retention
pond area to avoid access
into ponding area.

By: Tom Isaacson Copies To _____

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Harrison Middle School ZONE ATLAS/DRNG. FILE #: P 12/D6
 TRB #: — EPC #: — WORK ORDER #: —
 LEGAL DESCRIPTION: Tract ECIB, MR6CD Map No. 49
 CITY ADDRESS: 3912 Isleta Blvd SW
 ENGINEERING FIRM: Isaacson & Artman PA CONTACT: Tom Isaacson
 ADDRESS: 128 Monroe NE 87108 PHONE: 268-3828
 OWNER: Albuquerque Public Schools CONTACT: Terry Brown
 ADDRESS: 915 Locust SE, 87106 PHONE: 765-5950
 ARCHITECT: Dekker/Perich & Assoc. CONTACT: Ron Witherspoon
 ADDRESS: 6501 Americas Parkway NE PHONE: 888-3111
 SURVEYOR: Wilson & Co. CONTACT: William Brewster
 ADDRESS: 4775 Indian School Rd PHONE: 254-4000
 CONTRACTOR: — CONTACT: —
 ADDRESS: — PHONE: —

TYPE OF SUBMITTAL:

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

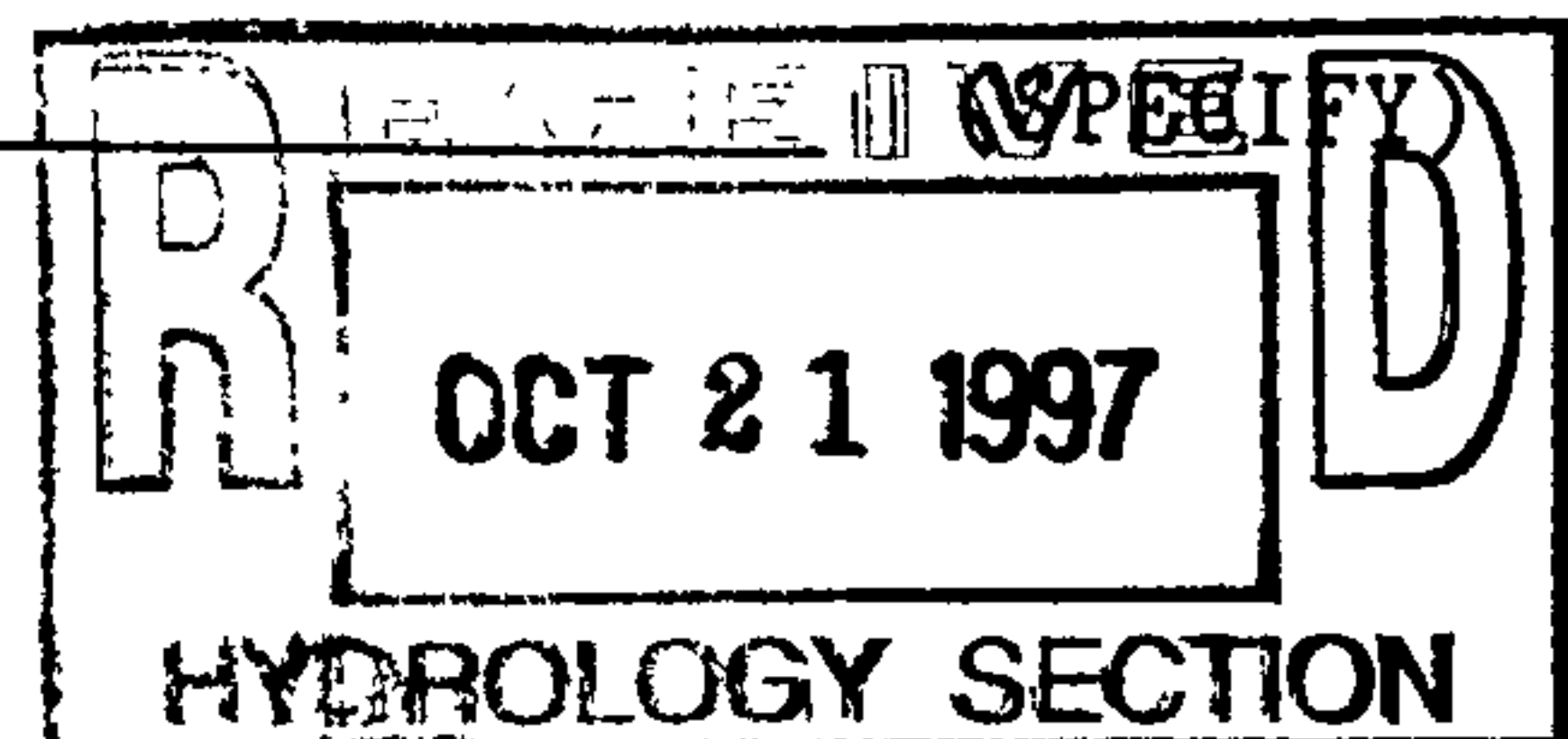
PRE-DESIGN MEETING:

☒ YES (County)
☐ 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
☐ CERTIFICATE OF OCCUPANCY APPROVAL
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER —

10/21/97
 8/21/96
 8/2/96
 6/6/96
 DATE SUBMITTED: 6/6/96
 BY: Tom Isaacson



MOLTEN CORBIN

& Associates

ENGINEERS/PLANNERS/CONSULTANTS



2701 Main Road Southeast, Albuquerque, NM 87106
505-242-5700

205 West Bernal Number 4, Suite Number 5, P.O. Box 1360, Las Cruces, NM 88006
505-525-2397

TO Susan Calongne
600 2nd St. N.W.
Hydrology Division

LETTER OF TRANSMITTAL

DATE	10/2/97	JOB NO.
ATTENTION	Floodplain Administration	
RE	Drainage Reviews	

GENTLEMEN:

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____ the following items:

COPIES	DATE	NO.	DESCRIPTION
			PWD-96-103 AS-BUILTS

THESE ARE TRANSMITTED as checked below:

☐ For approval

☒ For your use

☐ As requested

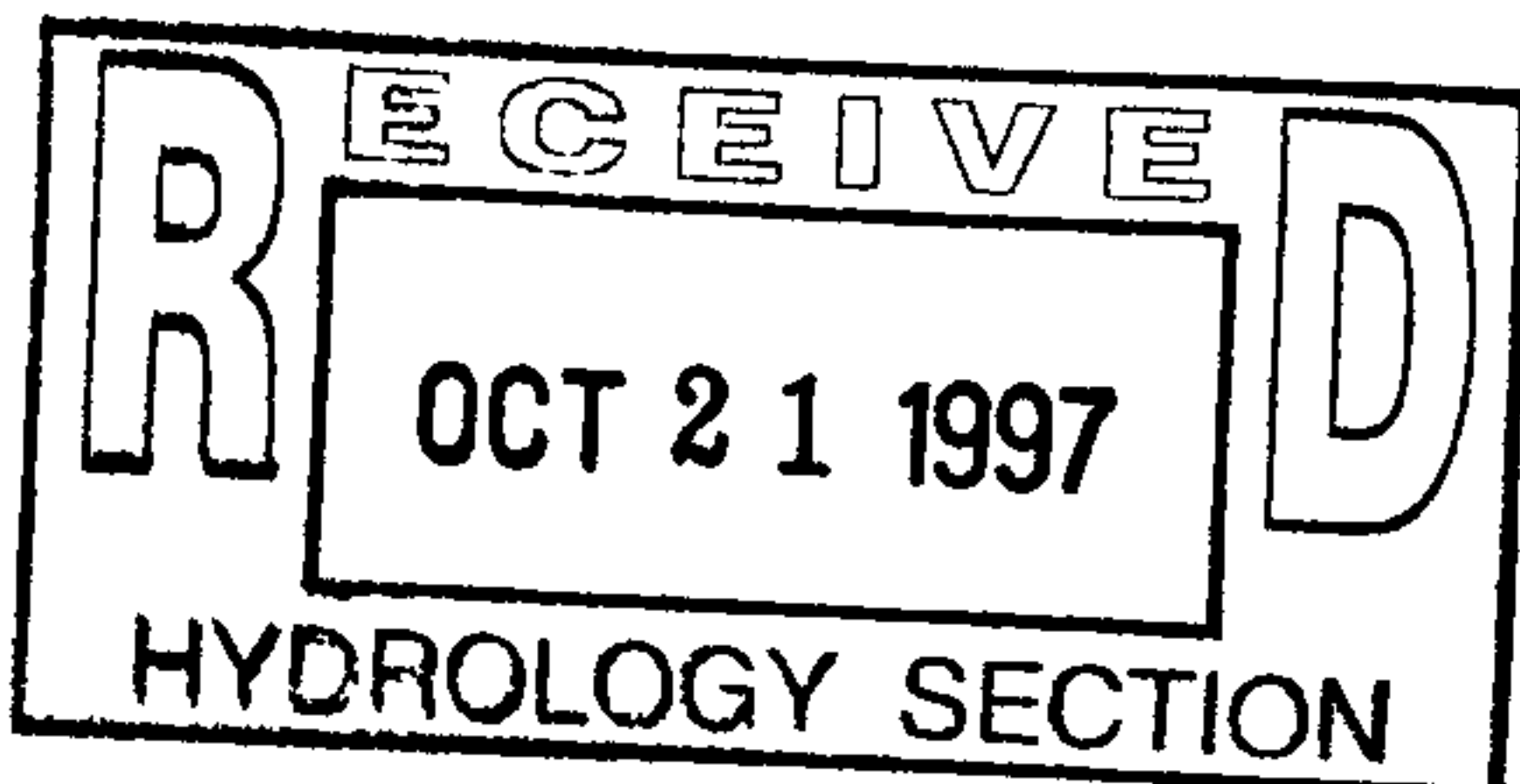
☐ For review and comment

☐ Other _____

REMARKS _____

COPY TO _____

SIGNED: Debi Dodge



If enclosures are not as noted, kindly notify us at once.

Case Routing Slip

17-Oct-97

PWD -96 - 103

Category: Resubmitt

Applicant Name: ALBUQUERQUE PUBLIC S

Application Date: 17-Oct-97

Applicant Category: Owner

Due Date: 07-Nov-97

Owner Info

Agent Info

Egr/Svy Info

Name	ALBUQUERQUE PUBLIC	ISAACSON & ARFMAN	
Address	915 LOCUST SE	128 MONROE NE	
City	Albuquerque	ALBUQUERQUE	
State	NM	NM	
ZIP	87106	87108	
Ph	765-5950	268-8828	

Legal Description: TR 8C1B MRGCD MAP 49

UPC: Zone Map P-12

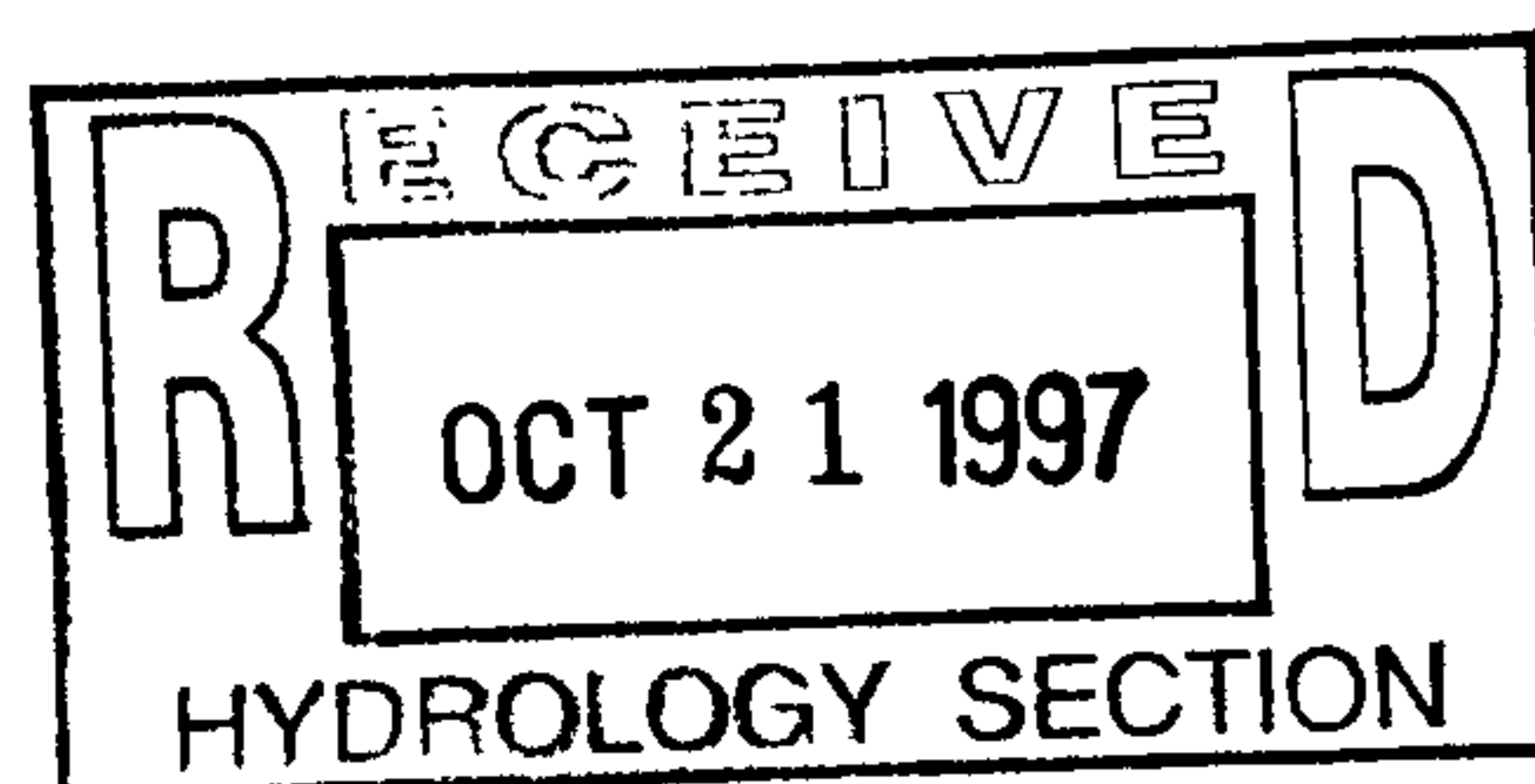
Street Address: 3912 ISLETA BLVD SW

Submittal Type: Grading & Drainage Plan

Comments Required From:

DRAN ☒ DRE ☐ ENGA ☐ INSP ☐ TRAF ☐ UTIL ☐ OTHE ☐

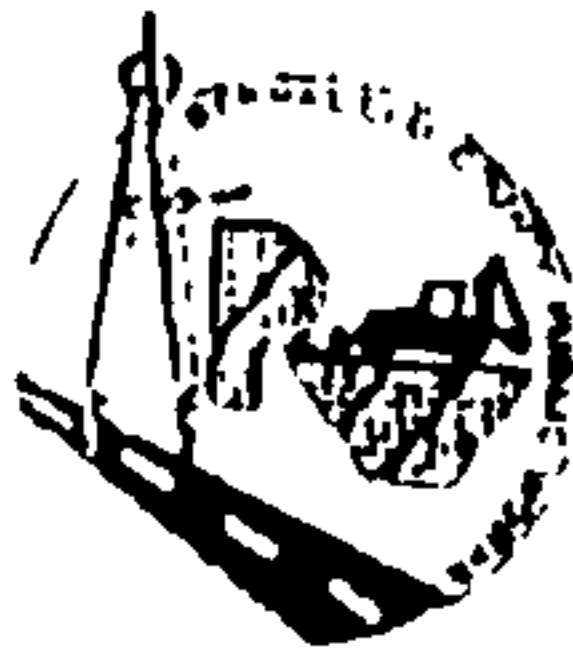
Angela



Original
10-20-97
(FP)
10-20-97

BERNALILLO COUNTY

- ☐ NEW SUBMITTAL
☒ RESUBMITTAL
☐ FINAL SIGHOFF



PWD SUBMITTAL

Use for all PWD applications EXCEPT Street Excavation

TODAY'S DATE 10/17/97

CASE NO PWD-96-103

OWNER

OWNER	<u>Albuquerque Public Schools</u>		PHONE	<u>765-5750</u>
MAILING ADDRESS	<u>915 Locust SE</u>		CITY	<u>Alb.</u> ZIP <u>87106</u>

AGENT

AGENT / CONTRACTOR	<u>Isaacson & Arfman PA</u>		PHONE	<u>268-8828</u>
MAILING ADDRESS	<u>128 Monroe NE</u>		CITY	<u>Alb.</u> ZIP <u>87108</u>
STATE LICENSE NO	EXP DATE	VOLUME	CLASS	
ARC .. ST/ENGINEER	<u>Isaacson & Arfman PA</u>		LICENSE NO.	<u>3895</u> PHONE <u>268-8828</u>

SITE INFORMATION

SITE ADDRESS / DIRECTIONS	<u>3912 Isleta Blvd SW</u>		ZONE ATLAS NO	<u>P12</u>
<u>Harrison Middle School</u>				
LEGAL DESCRIPTION	<u>Tract 8C1B, MRGLD Map 49</u>			
EXISTING BUILDING(S) AND USE	<u>Administration, Classrooms, Gym</u>		PROPOSED BUILDING(S)	<u>Classrooms</u>
UPC #	<u>1</u>	<u>-</u>	<u>0</u>	<u>1</u>
	<u>2</u>	<u>-</u>	<u>0</u>	<u>5</u>
	<u>3</u>	<u>-</u>	<u>4</u>	<u>1</u>
	<u>6</u>	<u>-</u>	<u>1</u>	<u>3</u>
	<u>8</u>	<u>-</u>	<u>4</u>	<u>0</u>
	<u>1</u>	<u>-</u>	<u>3</u>	<u>9</u>
	<u>4</u>	<u>-</u>	<u>0</u>	<u>1</u>
	<u>3</u>	<u>-</u>	<u>9</u>	<u>4</u>
	<u>0</u>	<u>-</u>	<u>1</u>	<u>3</u>
	<u>9</u>	<u>-</u>	<u>4</u>	<u>0</u>
	<u>1</u>	<u>-</u>	<u>3</u>	<u>9</u>
	<u>4</u>	<u>-</u>	<u>0</u>	<u>1</u>
	<u>3</u>	<u>-</u>	<u>9</u>	<u>4</u>
	<u>0</u>	<u>-</u>	<u>1</u>	<u>3</u>
	<u>9</u>	<u>-</u>	<u>4</u>	<u>0</u>
	<u>1</u>	<u>-</u>	<u>3</u>	<u>9</u>
	<u>4</u>	<u>-</u>	<u>0</u>	<u>1</u>
	<u>3</u>	<u>-</u>	<u>9</u>	<u>4</u>
	<u>0</u>	<u>-</u>	<u>1</u>	<u>3</u>
	<u>9</u>	<u>-</u>	<u>4</u>	<u>0</u>
	<u>1</u>	<u>-</u>	<u>3</u>	<u>9</u>
	<u>4</u>	<u>-</u>	<u>0</u>	<u>1</u>
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Letter of Transmittal

To Bred ~~Be~~ Catanack Date 10/17/97
BC PWD Job No. _____

Attn: PWD-96-103
Reference Harmon Middle School

Gentlemen:

We transmit to you _____ copy(ies) of the following

☐	_____ Plats	☐	Shop Drawings
3 - ☒	<u>As Constructed</u> Plans	☐	Submittals
☐	<u>Grading & Drainage</u> Specifications	☐	Material Specifications
☐	_____ Report	☐	Copy of Letter
☒	<u>1-set Application sheets</u>		
☐	_____		

This information is transmitted:

☐	As per your request	☐	For your files
☒	For your review & approval	☐	For your use
☐	For your information	☐	Please review & return
☐	For your attention	☐	For return to your files
☐	For your signature		
☐	_____		
☐	_____		

RECEIVED
Please advise
OCT 21 1997
HYDROLOGY SECTION

Remarks: _____

By: Tom Arfman Copies To _____



Susan's Copy
P12/D6

County of Bernalillo

State of New Mexico

2400 BROADWAY, S.E.
ALBUQUERQUE, NEW MEXICO 87102
PUBLIC WORKS (505) 848-1500

BOARD OF COUNTY COMMISSIONERS

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KEN SANCHEZ, VICE CHAIR
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DISTRICT 3

BARBARA J. SEWARD, MEMBER
DISTRICT 4

LES HOUSTON, MEMBER
DISTRICT 5

JUAN R. VIGIL, COUNTY MANAGER

DAVID K. ANDERSON, ASSESSOR

JUDY D. WOODWARD, CLERK

THOMAS J. MESSALL, PROBATE JUDGE

JOE BOWDICH, SHERIFF

H. R. FINE, TREASURER

Date: 29-JUL-96

Subject: Submittal

Case No.: PWD-96-103

Zone Map No.: P-12

Street Address: 3912 ISLETA BLVD SW

Legal Description: TR 8C1B MRGCD MAP 49

Name of Applicant: Albuquerque Public Schools

Dear Applicant:

Bernalillo County Public Works Department will require **TWO WEEKS** for review and comment of submittal and resubmittals, and **ONE WEEK** for final review and plat sign-off. Major submittals may require more than two weeks for review and comment.

The issuance of a permit or a review or approval of plan specifications, computations, and shop drawings shall not be interpreted to be a permit for or an approval of any variance or violation of any of the provisions of any County or State codes, ordinances, standards, or policies. Nor shall such issuance of a permit or approval of plans, specifications, computations, and shop drawings prevent any authorized County representative or County inspector from thereafter requiring the correction of errors in said plans, specifications, computations, or shop drawings or from stopping construction operations which are being carried on thereunder when in violation of any County or State codes, ordinances, standards, or policies.

Review of construction plans, specifications, computations, and shop drawings is only for general conformance with the design concept of the project and general compliance with the plans and specifications and shall not be construed as relieving the Contractor, Land Divider, Subdivider, Engineer/Surveyor, or applicant of the full responsibility for: providing materials, equipment, and work required by the contract; the proper fitting and construction for the work; the accuracy and completeness of the submittal; selecting fabrication processes and techniques of construction; and performing the work in a safe manner.

REV 4-22-91 BR

COUNTY OF BERNALILLO

APPLICATION FOR CASE REVIEW

Please complete pages one and two of this application for review of your case. Submit **THREE** blueines of plat, drawings, or information with case submittals and **THREE** blueines of plat, drawings, or information along with the original mylar for final sign-off applications. Submit a County Zone Atlas Map with subject property marked on the map. If a Grading and Drainage plan is not included with a land division, replat, or conceptual plan, please submit one 8.5"x11" photocopy of a USGS quad map with the subject property superimposed.

NOTE: INCOMPLETE APPLICATIONS WILL BE RETURNED WITHOUT REVIEW.

1. APPLICANT INFORMATION:

a. Applicant is(check one):

☒ OWNER ☐ SURVEYOR ☐ AGENT
☐ ENGINEER ☐ DRAINAGE ENGINEER

b. Date of this application: 12-JUN-96

c. Signature of applicant:

(print) _____ (sign) _____

d. OWNER: Albuquerque Public Schools
915 Locust SE
Albuquerque, NM 87106

PHONE: 765-5950

e. AGENT: Isaacon & Arfman
128 Monroe NE
Albuquerque, NM 87108

PHONE: 268-8828

f. OTHER(specify):

PHONE:

, NM

2. TYPE OF SUBMITTAL (check one):

☐ REPLAT
☐ LAND DIVISION (MINOR SUBDIVISION)
☐ MAJOR SUBDIVISION
☐ CONSTRUCTION DRAWINGS
☒ GRADING/DRAINAGE PLAN
☐ AS-CONSTRUCTED GRADING/DRAINAGE PLAN
☐ VARIANCE REQUEST
☐ TRAFFIC IMPACT ANALYSIS/TRAFFIC STUDY
☐ INFRASTRUCTURE LIST/DESIGN REVIEW FEE
☐ OTHER (specify): _____

County of Bernalillo

Your: ☒ submittal of drainage information
 ☐ resubmittal of drainage information

is: ☐ approved.
 ☐ approved with comments/conditions.
 ☐ disapproved.
 ☒ deferred to County Floodplain Administrator

TO BE FILLED OUT BY
COUNTY PUBLIC WORKS
DEPARTMENT ONLY

Case review comments are:

☒ attached.
☐ not attached.
☐ not attached. See remarks below.

Resubmittal is:

☐ not required.
☒ required. When resubmitting, please use Resubmittal Form.

Please submit:

☒ grading/drainage plan with revisions.
☐ as-constructed grading/drainage plan.
☐ other: _____

It is required that:

☐ Bernalillo County Public Works Department inspect improvements prior to final sign-off of plat.
☐ Bernalillo County Public Works Department signature line be placed on plat.

Remarks: _____

B. Paul, PE 7/24/96

Molzen-Corbin & Assoc., for
County Surface Water Hydrologist
Bernalillo County Public Works Department

cc: ☐ Sandia Heights Homeowners Association
 ☒ Owner: S. Paul
 ☒ Agent: Isaacson & Dyman
 ☒ Case File: PWD-96-103
 ☒ Susan Calongne, County Floodplain Administrator, COA
 ☒ Molzen-Corbin & Associates
 ☐ Other: _____

BERNALILLO COUNTY PUBLIC WORKS DEPARTMENT
CASE FILE COMMENTS

CASE NO: PWD-96-103

ZONE MAP NO.: P-12

REFERENCE CASES:

STREET ADDRESS: 3912 ISLETA BLVD SW

LEGAL DESCRIPTION: TR 8C1B MRGCD MAP 49

COMMENTS OF:

12-JUN-96 DRE: A portion of this property appears to be within a designated 100 year flood plain as shown on the National Flood Insurance Program's Flood Insurance Rate Map. Defer approval to the County Floodplain Administrator.

Pluson's Copy



County of Bernalillo

State of New Mexico

2400 BROADWAY, S.E.
ALBUQUERQUE, NEW MEXICO 87102
PUBLIC WORKS (505) 848-1500

BOARD OF COUNTY COMMISSIONERS

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KEN SANCHEZ, VICE CHAIR
DISTRICT 1

EUGENE M. GILBERT, MEMBER
DISTRICT 3

BARBARA J. SEWARD, MEMBER
DISTRICT 4

LES HOUSTON, MEMBER
DISTRICT 5

JUAN R. VIGIL, COUNTY MANAGER

DAVID K. ANDERSON, ASSESSOR

JUDY D. WOODWARD, CLERK

THOMAS J. MESCALL, PROBATE JUDGE

JOE BOWDICH, SHERIFF

H. R. FINE, TREASURER

Date: 06-SEP-96

Subject: Resubmittal

Case No.: PWD-96-103

Zone Map No.: P-12

Street Address: 3912 ISLETA BLVD SW

Legal Description: TR 8C1B MRGCD MAP 49

Name of Applicant: Albuquerque Public Schools

Dear Applicant:

Bernalillo County Public Works Department will require **TWO WEEKS** for **review and comment of submittal and resubmittals**, and **ONE WEEK** for **final review and plat sign-off**. Major submittals may require more than two weeks for review and comment.

The issuance of a permit or a review or approval of plan specifications, computations, and shop drawings shall not be interpreted to be a permit for or an approval of any variance or violation of any of the provisions of any County or State codes, ordinances, standards, or policies. Nor shall such issuance of a permit or approval of plans, specifications, computations, and shop drawings prevent any authorized County representative or County inspector from thereafter requiring the correction of errors in said plans, specifications, computations, or shop drawings or from stopping construction operations which are being carried on thereunder when in violation of any County or State codes, ordinances, standards, or policies.

Review of construction plans, specifications, computations, and shop drawings is only for general conformance with the design concept of the project and general compliance with the plans and specifications and shall not be construed as relieving the Contractor, Land Divider, Subdivider, Engineer/Surveyor, or applicant of the full responsibility for: providing materials, equipment, and work required by the contract; the proper fitting and construction for the work; the accuracy and completeness of the submittal; selecting fabrication processes and techniques of construction; and performing the work in a safe manner.

REV 4-22-91 BR

COUNTY OF BERNALILLO

APPLICATION FOR CASE REVIEW

Please complete pages one and two of this application for review of your case. Submit THREE blueines of plat, drawings, or information with case submittals and THREE blueines of plat, drawings, or information along with the original mylar for final sign-off applications. Submit a County Zone Atlas Map with subject property marked on the map. If a Grading and Drainage plan is not included with a land division, replat, or conceptual plan, please submit one 8.5"x11" photocopy of a USGS quad map with the subject property superimposed.

NOTE: INCOMPLETE APPLICATIONS WILL BE RETURNED WITHOUT REVIEW.

1. APPLICANT INFORMATION:

a. Applicant is(check one):

☒ OWNER ☐ SURVEYOR ☐ AGENT
☐ ENGINEER ☐ DRAINAGE ENGINEER

b. Date of this application: 22-AUG-96

c. Signature of applicant:

(print) _____ (sign) _____

d. OWNER: Albuquerque Public Schools
915 Locust SE
Albuquerque, NM 87106

PHONE: 765-5950

e. AGENT: Isaacon & Arfman
128 Monroe NE
Albuquerque, NM 87108

PHONE: 268-8828

f. OTHER(specify):

PHONE:

, NM

2. TYPE OF SUBMITTAL (check one):

☐ REPLAT
☐ LAND DIVISION (MINOR SUBDIVISION)
☐ MAJOR SUBDIVISION
☐ CONSTRUCTION DRAWINGS
☒ GRADING/DRAINAGE PLAN
☐ AS-CONSTRUCTED GRADING/DRAINAGE PLAN
☐ VARIANCE REQUEST
☐ TRAFFIC IMPACT ANALYSIS/TRAFFIC STUDY
☐ INFRASTRUCTURE LIST/DESIGN REVIEW FEE
☐ OTHER (specify): _____

County of Bernalillo

Floodplain

Your: ☒ submittal of drainage information
☒ resubmittal of drainage information

is: ☐ approved.
☐ approved with comments/conditions.
☒ disapproved.
☒ deferred to County Floodplain Administrator

TO BE FILLED OUT BY
COUNTY PUBLIC WORKS
DEPARTMENT ONLY

Case review comments are:

☒ attached.
☐ not attached.
☐ not attached. See remarks below.

Resubmittal is:

☒ not required.
☒ required. When resubmitting, please use Resubmittal Form.

Please submit:

☒ grading/drainage plan with revisions.
☐ as-constructed grading/drainage plan.
☐ other: _____

It is required that:

☐ Bernalillo County Public Works Department inspect improvements prior to final sign-off of plat.
☐ Bernalillo County Public Works Department signature line be placed on plat.

Remarks: _____

Handwritten signature: J. P. J. *9/5/96*

* See attached memo for
AMAFCA Concurrence

Molzen-Corbin & Assoc., for
County Surface Water Hydrologist
Bernalillo County Public Works Department

cc: ☒ Sandia Heights Homeowners Association
☒ Owner: *A.P.J.*
☒ Agent: *Jackson & Armon*
☒ Case File: *PWD-96-103*
☒ AMAFCA
☒ Susan Calongne, County Floodplain Administrator, COA
☒ Molzen-Corbin & Associates
☐ Other: _____

GENEIVA MEEKER, CHAIR
DANIEL W. COOK, VICE-CHAIR
RONALD D. BROWN, SECRETARY-TREASURER
MICHAEL MURPHY, ASST. SECRETARY-TREASURER
TIM EICHENBERG, DIRECTOR

LARRY A. BLAIR
EXECUTIVE ENGINEER



Albuquerque
Metropolitan
Arroyo
Flood
Control
Authority

2600 PROSPECT N E - ALBUQUERQUE N M 87107
TELEPHONE (505) 884-2215

July 30, 1996

TO: Roger Paul, P.E.
Bernalillo County Public Works Department

FR: Kurt Browning, P.E.
AMAFCA

For grading and drainage submittals that are located in the floodplain, it is not necessary for AMAFCA to sign the County approval/disapproval form. AMAFCA's comments are coordinated with the City/County Floodplain Administrator and are included in the written response.

You may include this memo with the signature sheet as needed, for the closing of floodplain cases.

End

BERNALILLO COUNTY PUBLIC WORKS DEPARTMENT
CASE FILE COMMENTS

CASE NO: PWD-96-103

ZONE MAP NO.: P-12

REFERENCE CASES:

STREET ADDRESS: 3912 ISLETA BLVD SW

LEGAL DESCRIPTION: TR 8C1B MRGCD MAP 49

COMMENTS OF:

12-JUN-96 DRE: A portion of this property appears to be within a designated 100 year flood plain as shown on the National Flood Insurance Program's Flood Insurance Rate Map. Defer approval to the County Floodplain Administrator.

22-AUG-96 DRAN: The Floodplain Administrator has completed review of this case and comments are as follows:

1. Based on the information provided on the grading and drainage plan, with engineer's seal dated 08-14-96, this plan appears to meet the requirements established for this area and is therefore acceptable.
 2. Development of this property must conform to this plan.
Any proposed changes will require a revision to the plan prior to initiating the proposed change.
 3. An "As-Constructed" grading and drainage plan, with engineer's certification that the constructed improvements are in substantial compliance with this plan, will be required prior to County Building and Zoning issuing an occupancy permit.
- *** Inspection required, applicant required to obtain permits from G.J. Foster at Bernalillo County Public Works Department.
Phone (505) 848 - 1523



County of Bernalillo

State of New Mexico

2400 BROADWAY, S.E.
ALBUQUERQUE, NEW MEXICO 87102
PUBLIC WORKS (505) 848-1500

August 26, 1996

BOARD OF COUNTY COMMISSIONERS

ALBERT "AL" VALDEZ, CHAIRMAN
DISTRICT 2

KEN SANCHEZ, VICE CHAIR
DISTRICT 1

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DISTRICT 3

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THOMAS J. MESCALL, PROBATE JUDGE

JOE BOWDICH, SHERIFF

H. R. FINE, TREASURER

Tom Isaacson, P.E.
Isaacson & Arfman, PA
128 Monroe St. NE
Albuquerque, New Mexico 87108

RE: GRADING AND DRAINAGE PLAN FOR HARRISON MIDDLE SCHOOL (P12/D6) (PWD 96-103) SUBMITTED FOR BUILDING PERMIT APPROVAL, ENGINEER'S STAMP DATED 8/19/96.

Dear Mr. Isaacson:

Based on the information provided in the submittal of August 5, 1996, along with the additional information received on August 23, 1996, the above referenced plan is approved for Building Permit release.

Please be aware that an Engineer's Certification will be required prior to release of the Certificate of Occupancy for the building addition.

If you should have any questions, you may contact me at 768-2666.

Sincerely,

A handwritten signature in cursive script, reading "Susan Calongne".

Susan M. Calongne, P.E.
City/County Floodplain Administrator

c: **Roger Paul**, Bernalillo County Public Works Division
File



County of Bernalillo

State of New Mexico

2400 BROADWAY, S.E.
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PUBLIC WORKS (505) 848-1500

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Sincerely,

A handwritten signature in cursive script that reads "Susan Calongne".

Susan M. Calongne, P.E.
City/County Floodplain Administrator

c: Roger Paul, Bernalillo County Public Works Division

A handwritten word "File" with a circular flourish underneath it.

CASE #

PWD - 96 - 103

DRAN-_____

DRE - X

INSP - X

PLAN - X

DUE DATE

12 - SEP - 96



ISAACSON & ARFMAN, P.A.

Consulting Engineering Associates

*Thomas O. Isaacson, PE & LS • Fred C. Arfman, PE
Scott M. McGee, PE*

August 21, 1996

Mr. Roger Paul, P.E.
Molzen-Corbin & Associates, for
County Surface Water Hydrologist
Bernalillo County Public Works Dept.
2400 Broadway SE
Albuquerque, NM 87102

Ms. Susan Calongne, P.E.
City/County Floodplain Administrator
Hydrology Division/PWD
City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87103

**RE: Grading & Drainage Plan for Harrison Middle School
P12/D6, PWD 96-103**

Dear Mr. Paul & Ms. Calongne:

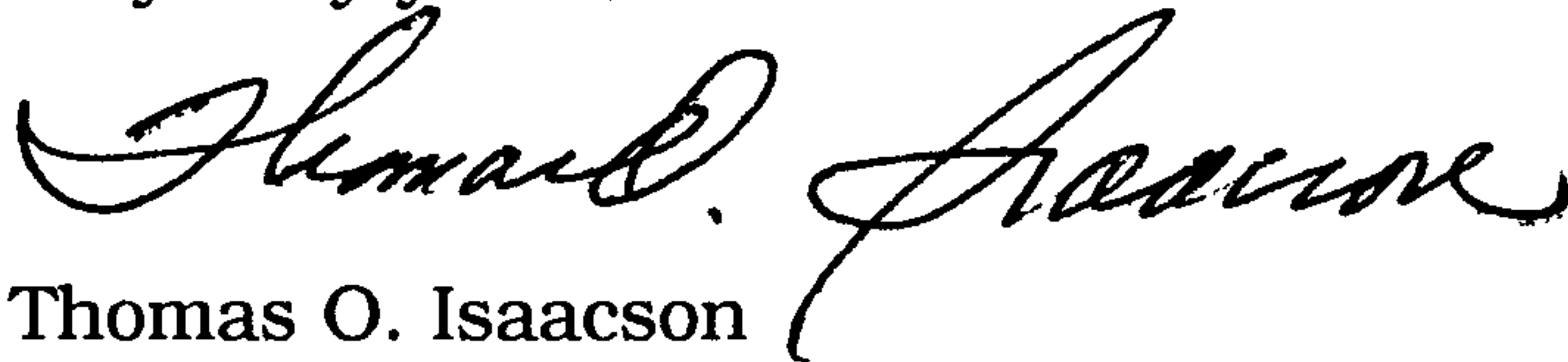
The Owner has requested a revision to the previously resubmitted Grading and Drainage Plan for Harrison Middle School. This revision consists of removing approximately 3000 square feet of existing concrete surfaced patio area and replacing it with a new concrete patio including storm drain inlets which will drain to the proposed private storm drain systems. Attachment 'A' shows the area to be revised.

The effect of this revision on the overall plan is minor; however, we are resubmitting the entire package of documents which have been revised to reflect the change.

Mr. Roger Paul, P.E.
Ms. Susan Calongne, P.E.
August 21, 1996
Page 2

Your timely review and approval of this Plan and supporting documents is requested.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Thomas O. Isaacson".

Thomas O. Isaacson

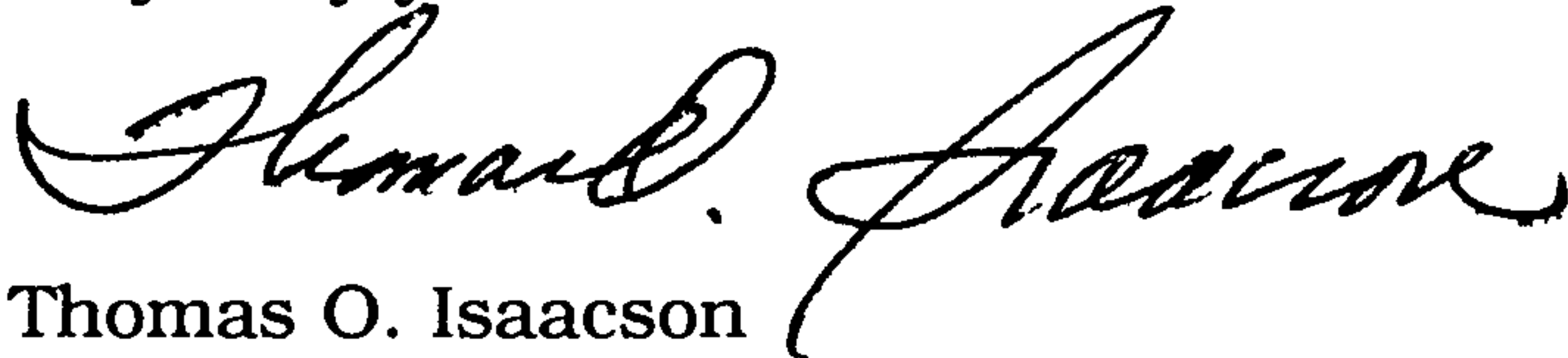
TOI/jsi

cc: Jerry Brown, APS (no enclosures)
Ron Witherspoon, Dekker/Perich (no enclosures)

Mr. Roger Paul, P.E.
Ms. Susan Calongne, P.E.
August 21, 1996
Page 2

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Very truly yours,

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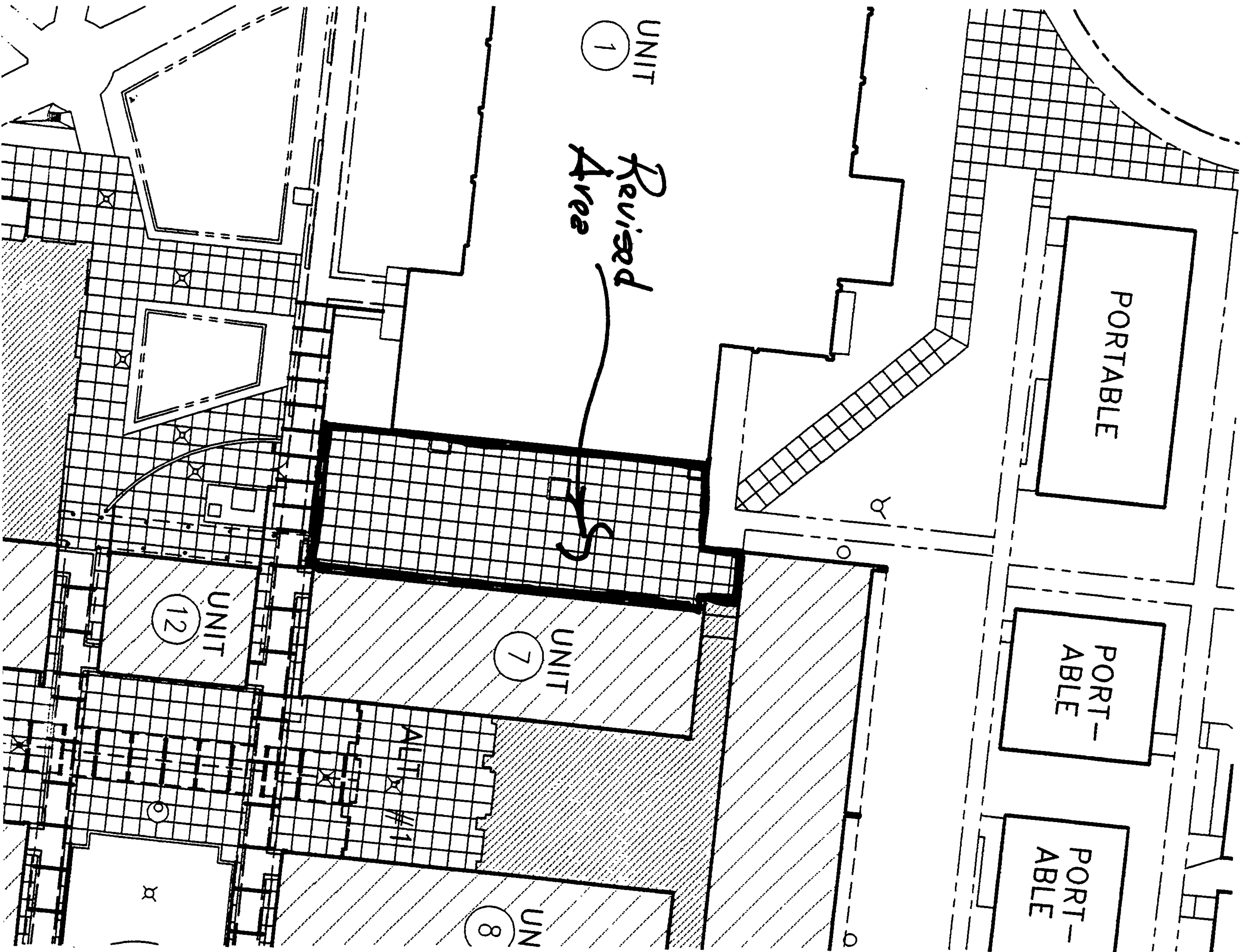
TOI/jsi

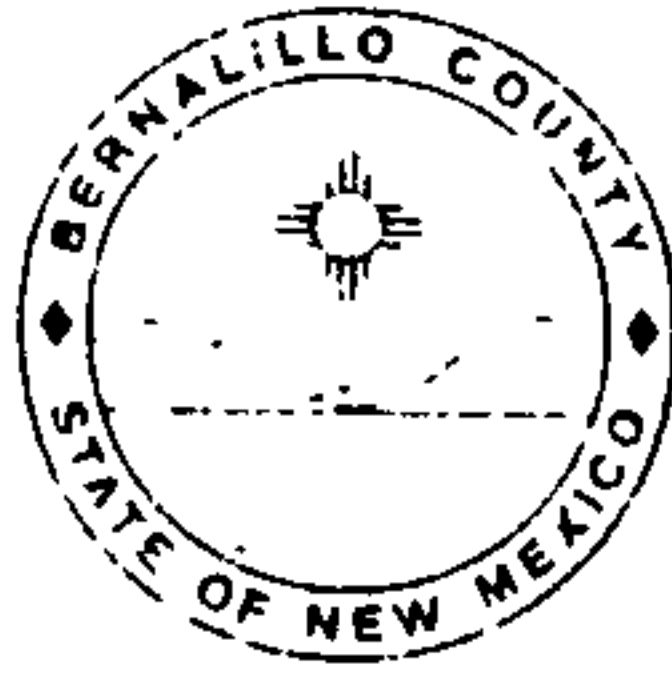
cc: Jerry Brown, APS (no enclosures)
Ron Witherspoon, Dekker/Perich (no enclosures)

ATTACHMENT 'A'



SCALE
1"=30'

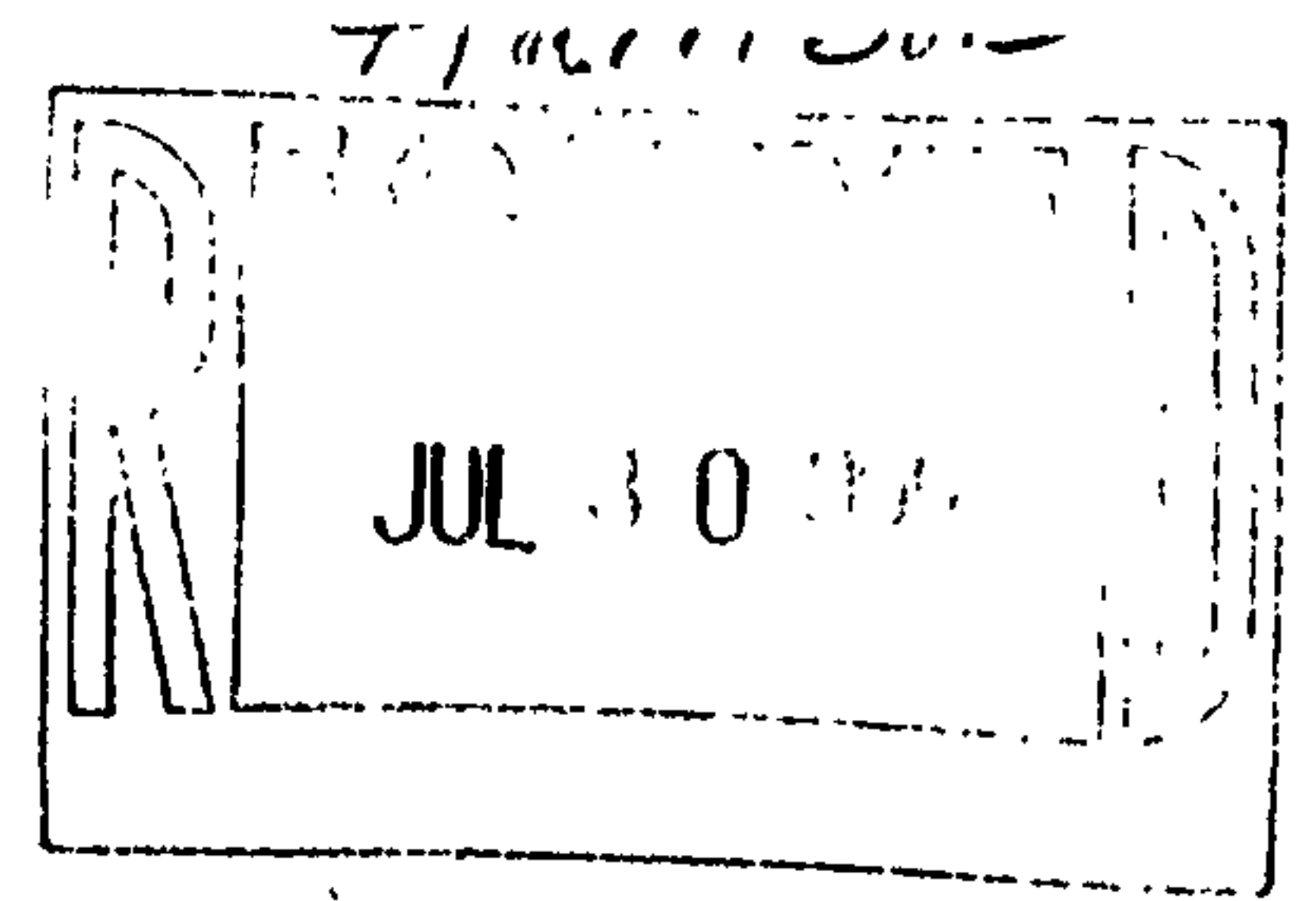




County of Bernalillo

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2400 BROADWAY, S.E.
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JUDY D. WOODWARD, CLERK

THOMAS J. MESCALL, PROBATE JUDGE

JOE BOWDICH, SHERIFF

H. R. FINE, TREASURER

Date: 29-JUL-96

Subject: Submittal

Case No.: PWD-96-103

Zone Map No.: P-12

Street Address: 3912 ISLETA BLVD SW

Legal Description: TR 8C1B MRGCD MAP 49

Name of Applicant: Albuquerque Public Schools

Dear Applicant:

Bernalillo County Public Works Department will require **TWO WEEKS** for **review and comment of submittal and resubmittals**, and **ONE WEEK** for **final review and plat sign-off**. Major submittals may require more than two weeks for review and comment.

The issuance of a permit or a review or approval of plan specifications, computations, and shop drawings shall not be interpreted to be a permit for or an approval of any variance or violation of any of the provisions of any County or State codes, ordinances, standards, or policies. Nor shall such issuance of a permit or approval of plans, specifications, computations, and shop drawings prevent any authorized County representative or County inspector from thereafter requiring the correction of errors in said plans, specifications, computations, or shop drawings or from stopping construction operations which are being carried on thereunder when in violation of any County or State codes, ordinances, standards, or policies.

Review of construction plans, specifications, computations, and shop drawings is only for general conformance with the design concept of the project and general compliance with the plans and specifications and shall not be construed as relieving the Contractor, Land Divider, Subdivider, Engineer/Surveyor, or applicant of the full responsibility for: providing materials, equipment, and work required by the contract; the proper fitting and construction for the work; the accuracy and completeness of the submittal; selecting fabrication processes and techniques of construction; and performing the work in a safe manner.

REV 4-22-91 BR

COUNTY OF BERNALILLO

APPLICATION FOR CASE REVIEW

Please complete pages one and two of this application for review of your case. Submit THREE blueines of plat, drawings, or information with case submittals and THREE blueines of plat, drawings, or information along with the original mylar for final sign-off applications. Submit a County Zone Atlas Map with subject property marked on the map. If a Grading and Drainage plan is not included with a land division, replat, or conceptual plan, please submit one 8.5"x11" photocopy of a USGS quad map with the subject property superimposed.

NOTE: INCOMPLETE APPLICATIONS WILL BE RETURNED WITHOUT REVIEW.

1. APPLICANT INFORMATION:

a. Applicant is(check one):

☒ OWNER ☐ SURVEYOR ☐ AGENT
☐ ENGINEER ☐ DRAINAGE ENGINEER

b. Date of this application: 12-JUN-96

c. Signature of applicant:

(print) Thomas O. Isaacson

(sign) Thomas O. Isaacson

d. OWNER: Albuquerque Public Schools
915 Locust SE
Albuquerque, NM 87106

PHONE: 765-5950

e. AGENT: Isaacon & Arfman
128 Monroe NE
Albuquerque, NM 87108

PHONE: 268-8828

f. OTHER(specify):

PHONE:

, NM

2. TYPE OF SUBMITTAL (check one):

☐ REPLAT
☐ LAND DIVISION (MINOR SUBDIVISION)
☐ MAJOR SUBDIVISION
☐ CONSTRUCTION DRAWINGS
☒ GRADING/DRAINAGE PLAN
☐ AS-CONSTRUCTED GRADING/DRAINAGE PLAN
☐ VARIANCE REQUEST
☐ TRAFFIC IMPACT ANALYSIS/TRAFFIC STUDY
☐ INFRASTRUCTURE LIST/DESIGN REVIEW FEE
☐ OTHER (specify): _____

BERNALILLO COUNTY



PWD SUBMITTAL

Use for all PWD applications EXCEPT Street Excavation

☐ NEW SUBMITTAL

☒ RESUBMITTAL

☐ FINAL SIGNOFF

TODAY'S DATE: August 21, 1996

CASE NO: PWD-96-103

OWNER

OWNER Albuquerque Public Schools PHONE 765-5950
MAILING ADDRESS 915 Locust SE CITY Alb. ZIP 87106

AGENT

AGENT / CONTRACTOR Isaacson & Arfmen PA PHONE 268-8828
MAILING ADDRESS 128 Monroe NE CITY Alb ZIP 87108

STATE LICENSE NO. EXP DATE VOLUME CLASS

ARCHITECT/ENGINEER Isaacson & Arfmen PA LICENSE NO. 3895 PHONE 268-8828

SITE INFORMATION

SITE ADDRESS / DIRECTIONS 3912 Isleta Blvd SW ZONE ATLAS NO. P12

Harrison Middle School

LEGAL DESCRIPTION Tract 8CIB, MRGLD Map 49

LOT SIZE: 24.79 ac

EXISTING BUILDING(S) AND USE: Administration, Classrooms, Gym PROPOSED BUILDING(S): Classrooms

UPC # 1-012-053-416-138-401-39

TYPE OF SUBMITTAL

- | | |
|---|--|
| ☐ REPLAT | ☐ TRAFFIC IMPACT ANALYSIS / TRAFFIC STUDY |
| ☐ MINOR SUBDIVISION | ☐ INFRASTRUCTURE LIST / DESIGN REVIEW |
| ☐ MAJOR SUBDIVISION | ☐ SPECIAL USE PERMIT |
| ☐ CONSTRUCTION DRAWINGS | ☐ BARRICADING PERMIT |
| ☒ GRADING & DRAINAGE PLAN | ☐ BUILDING PERMIT |
| ☐ AS-CONSTRUCTED GRADING & DRAINAGE PLAN | ☐ INSPECTION |
| ☐ VARIANCE REQUEST | ☐ OTHER (Specify): |
| ☐ LAND DIVISION | |

The issuance of a permit or a review or approval of plan specifications, computations, and shop drawings, shall not be interpreted to be a permit for, or an approval of any variance or violation of any of the provisions of any COUNTY or STATE codes, ordinances, standards, or policies. Nor shall such issuance of a permit or approval of plans, specifications, computations, and shop drawings prevent any authorized COUNTY representative or COUNTY Inspector from thereafter requiring the correction of errors in said plans, specifications, computations, or shop drawings or from stopping construction operations which are being carried on thereunder when in violation of any COUNTY or STATE codes, ordinances, standards, or policies.

☐ Owner ☒ Agent ☐ Contractor

Signature Thomas D. Isaacson

Date 8/21/96

COUNTY

BERNALILLO COUNTY USE ONLY

C/R's: TOTAL FEE: Receipt No. Received By

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Harrison Middle School ZONE ATLAS/DRNG. FILE #: P 12

TRB #: — EPC #: — WORK ORDER #: —

LEGAL DESCRIPTION: Tract 8C1B, MR6CD Map No. 49

CITY ADDRESS: 3912 Isleta Blvd SW

ENGINEERING FIRM: Isaacson & Artman PA CONTACT: Tom Isaacson

ADDRESS: 128 Monroe NE 87108 PHONE: 268-3828

OWNER: Albuquerque Public Schools CONTACT: Terry Brown

ADDRESS: 915 Locust SE, 87106 PHONE: 765-5950

ARCHITECT: Dekker/Perich & Assoc. CONTACT: Ron Witherspoon

ADDRESS: 6501 Americas Parkway NE PHONE: 888-3111

SURVEYOR: Wilson & Co. CONTACT: William Brewster

ADDRESS: 4775 Indian School Rd PHONE: 254-4000

CONTRACTOR: — 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 (County)
- ☐ 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
- ☐ CERTIFICATE OF OCCUPANCY APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ S.A.D. DRAINAGE REPORT
- ☐ DRAINAGE REQUIREMENTS
- ☐ OTHER _____ (SPECIFY)

DATE SUBMITTED: 8/21/96
8/2/96
6/6/96

BY: Tom Isaacson



EXHIBIT A
FIRM MAP
Scale: 1"=500'

SUPPLEMENTAL CALCULATIONS
for
Resubmittal No. 2 , August 21, 1996
Harrison Middle School

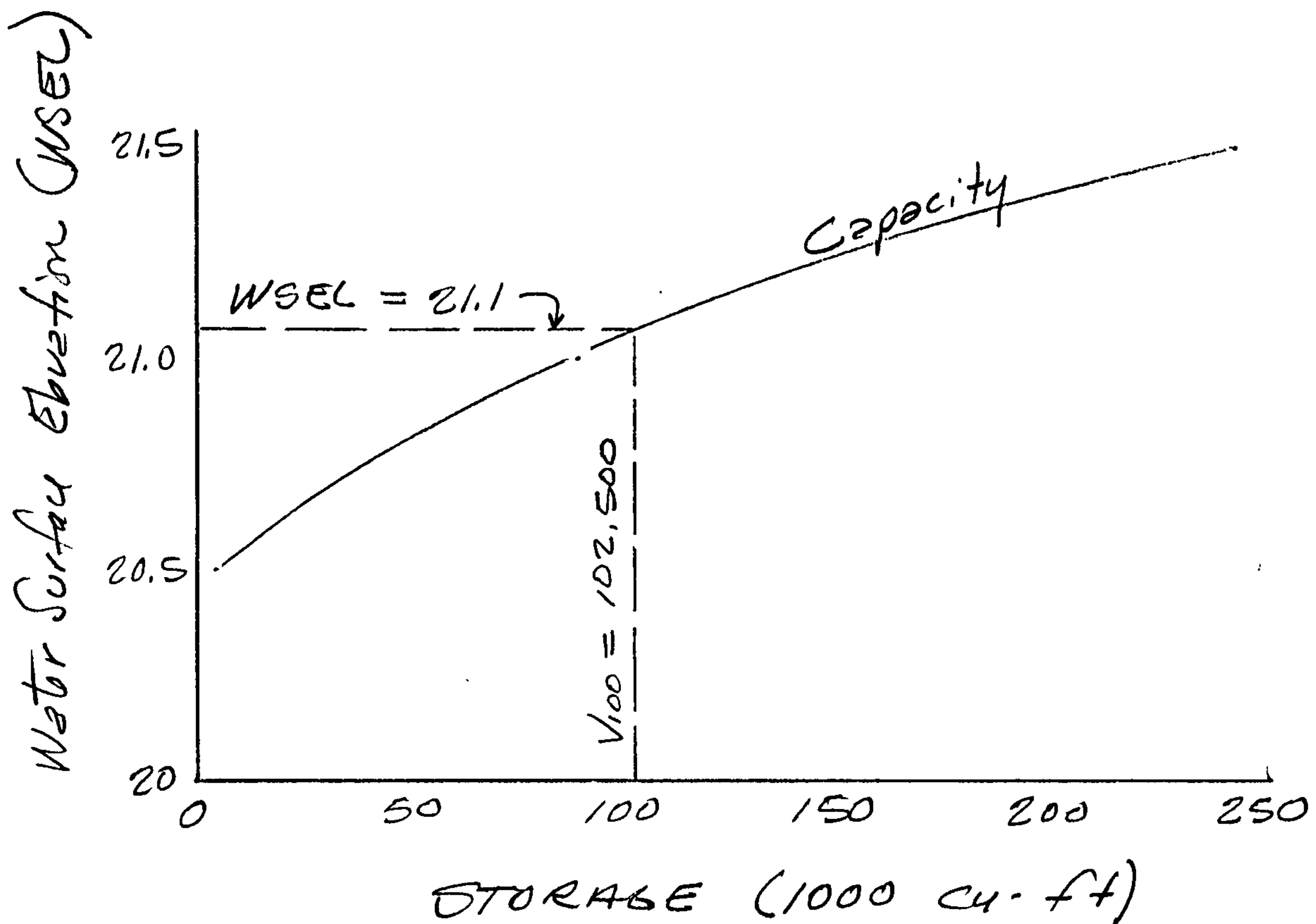
<u>Page</u>	<u>Contents</u>
1	Title Page
2.	Calculations to Compute WSEL for Basin 10 Flood Plain
3	Calculations to Compute WSEL for Basin 102 Flood Plain
4	Calculations to Compute Retention Pond WSEL for 100 yr Runoff
5,6,7	Location Maps for SD Design
8,9,10,11	Storm Drain Design Calculations

COMPUTE WSEL FOR BASIN 10* FLOOD PLAIN

* Existing Conditions Basin

Flood Plain Ponding Area Calculations:

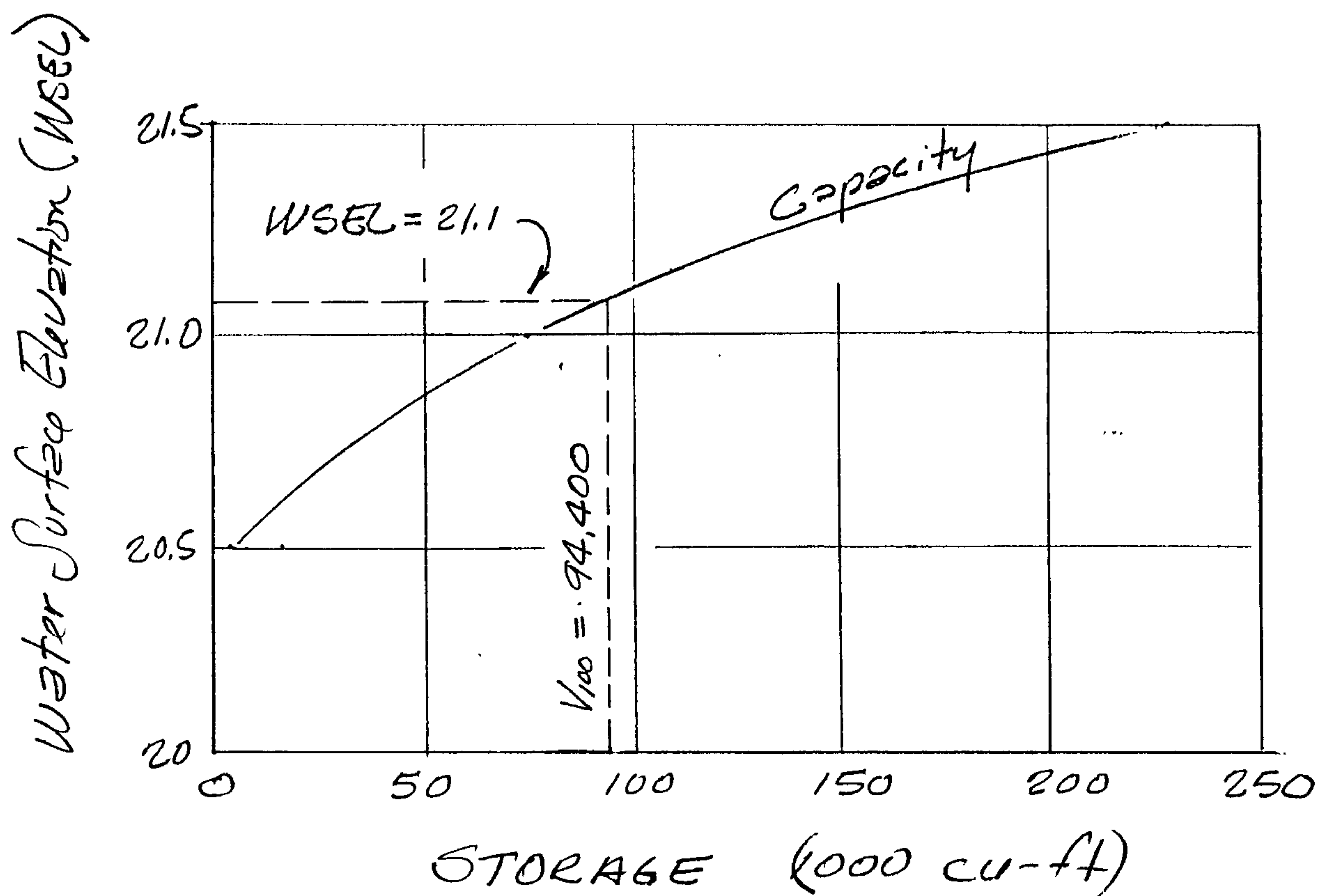
ELEV	PLANIMETER RDG	AREA (sq ft)	AVG AREA (sq ft)	DEPTH (ft)	VOLUME (cu-ft)	ACCUM. VOLUME (cu-ft)
20.3	-	-0-				
20.5	1130	42,375	21,188	0.2	4238	4238
21.0	6835	256,312	149,344	0.5	74,672	78,910
21.5	11,030	413,625	334,968	0.5	167,484	246,394



COMPUTE WSEL FOR BASIN 102* FLOOD PLAIN
* Developed Conditions Basin

Flood Plain Ponding Area Calculations:

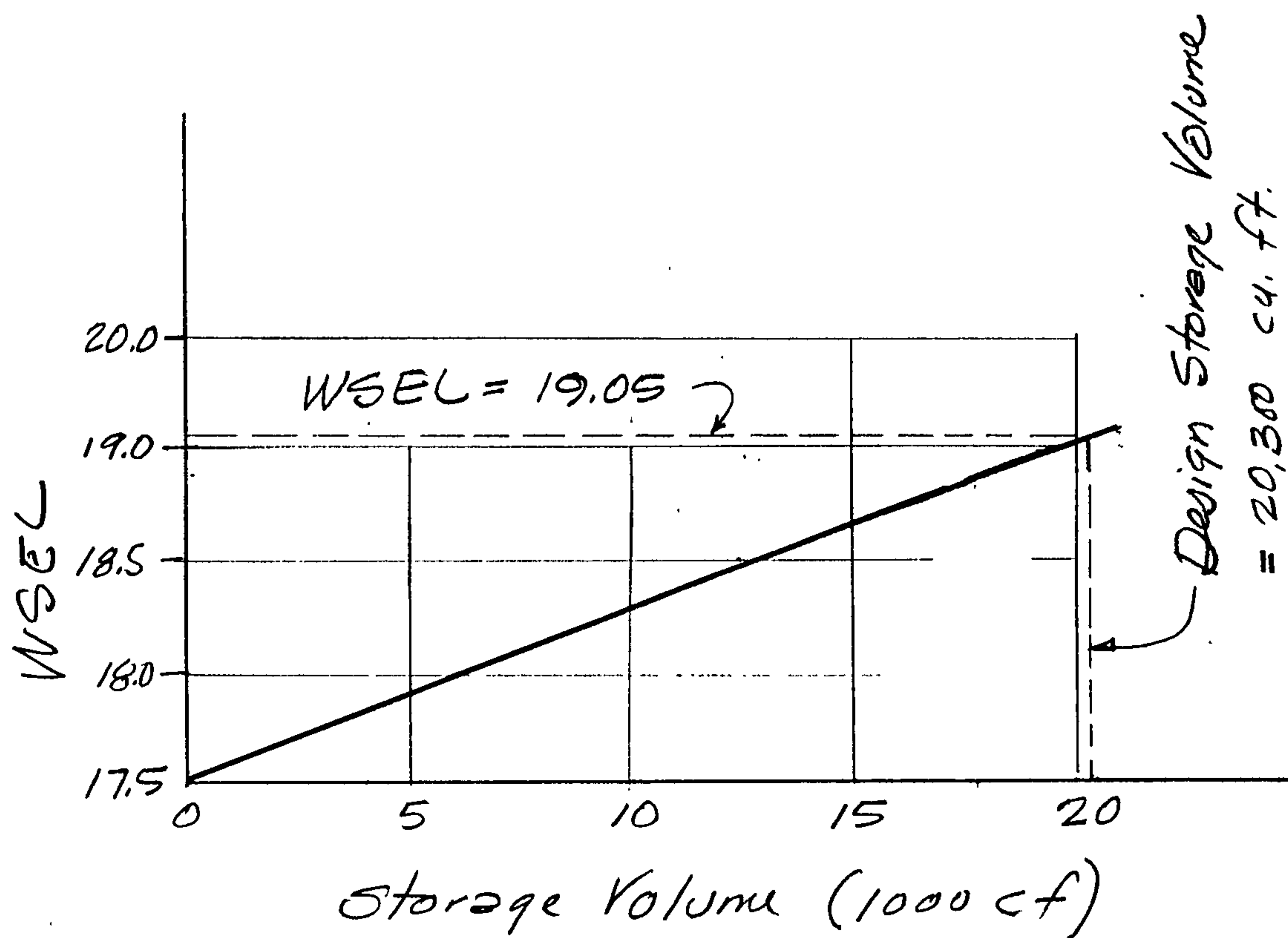
ELEV	PLANIMETER AREA RDG	AREA (sf)	AVG AREA (sf)	DEPTH (ft)	VOLUME (cu-ft)	Accum VOLUME (cu-ft)
20.3	—	0	18,750	0.2	3,750	3,750
20.5	1000	37,500	135,187	0.5	67,594	71,344
21.0	6210	232,875	307,875	0.5	153,937	225,281
21.5	10,210	382,875				

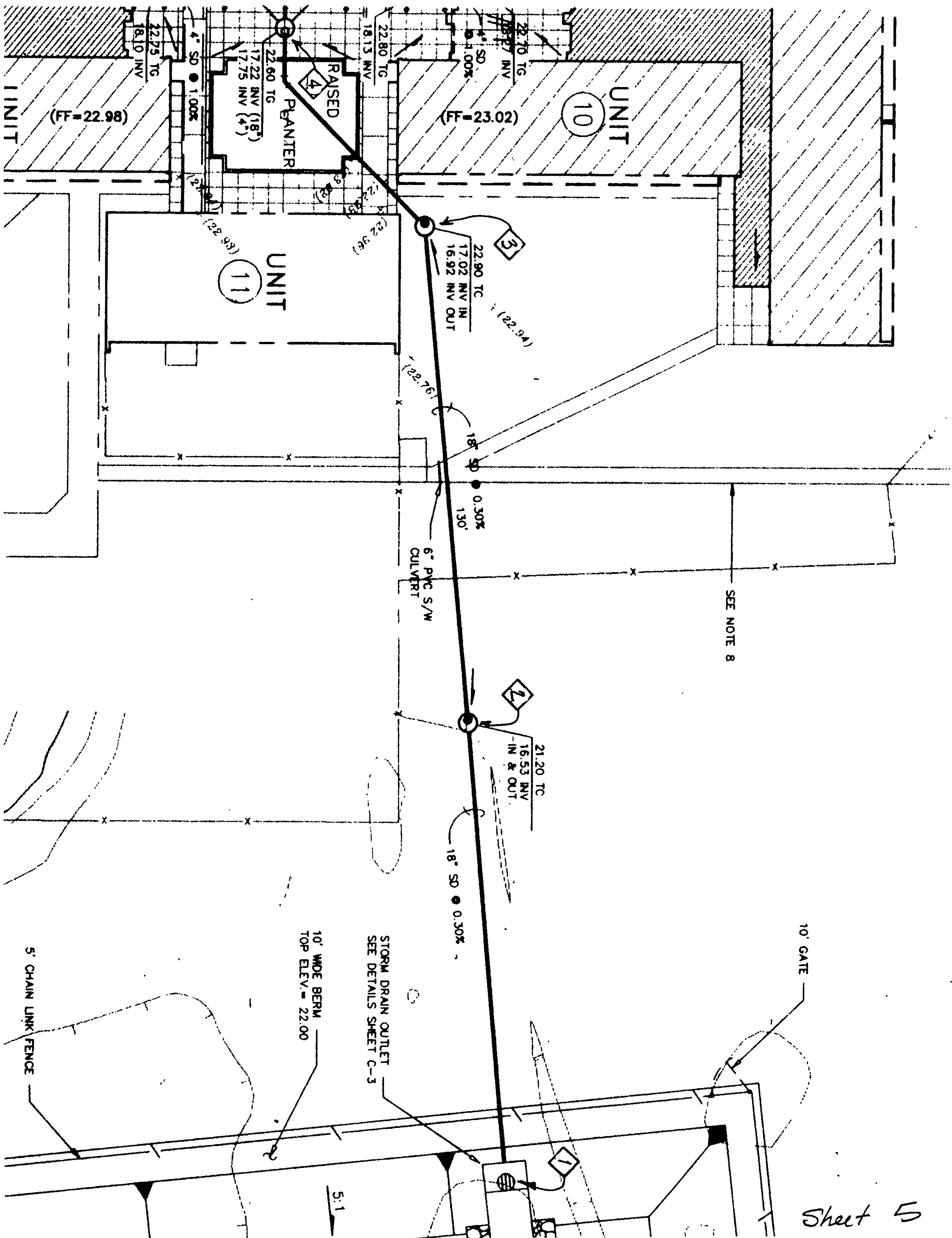


COMPUTE POND WSEL FOR REVISED DESIGN

Retention Pond Capacity Calculations

WSEL	Area Dimensions	Area (sf)	Area (sf)	Volume (cu-ft)	Accum Volume (cu-ft)
17.5	75x150	11,250			
		11,250	11,825	5912	5912
18.0	80x155	12,400			
			13,000	6500	12,412
18.5	85x160	13,600			
			14,225	7112	19,524
19.0	90x165	14,850			
			14,987	1498	21,022
19.1	91x166	15,106			









HGL CALCULATIONS for STORM DRAIN LINES

PROJECT: Harrison Middle School

From MH#	To MH#	Q (cfs)	Dia (in)	LINE LOSSES		V fps	V ² /2g (ft)	Elbow Losses			HGL MH "out"	Manhole Losses				HGL MH "In"	NOTES
				L (ft)	L _f (ft)			Δ	K _{EL}	h _{EL}		Δ	K _Δ	+ .05	K _{MH}	h _{MH} (ft)	
1	2	6.71	18	122	0.29	3.80	0.22				19.84	—	—		.05	.01	19.85
2	3	6.71	18	130	0.31	3.80	0.22				20.16	39	.13		.18	.04	20.20
3	4	6.71	18	67	0.16	3.80	0.22	45	.15	.03	20.39				.05	.01	20.40
4	5	6.06	18	66	0.13	3.42	0.18				20.53				.05	.01	20.54
5	6	4.41	18	66	.07	2.50	0.10				20.61	90	0.20		.25	.02	20.63
6	Tunnel	1.77	10	35	.12	3.25	0.16				20.75						20.75
Tunnel	Tunnel	1.77	6	10	.43	9.01	1.26	45	.15	.19	21.37						21.37
Tunnel	Tunnel	1.77	8	24	.25	5.07	0.40				21.62						21.62
Tunnel	7	1.77	10	6	.02	3.25	0.16				21.64						21.64

NOTES:

- (1) Pond 100-yr WSEL = 19.05
+0.5' for head loss at
Bubbler and Velocity Head
Dissipation.

HGL CALCULATIONS for STORM DRAIN LINES

PROJECT: Harrison Middle School

From MH	To MH	Q (cfs)	Dia (in)	LINE LOSSES		V fps	V ² /2g (ft)	Elbow Losses			HGL MH "out"	Manhole Losses				HGL MH "In"	NOTES
				L (ft)	L _f (ft)			Δ	K _{EL}	H _{EL}		Δ	K _Δ	+ .05	K _{MH}	H _{MH} (ft)	
7	8	1.52	10	30	.08	2.79	0.12				21.72					21.72	21.72
8	9	1.30	10	46	.09	2.38	0.09				21.81	90	.20		.25	.02	21.83
9	10	0.70	8	30	.06	2.01	0.06				21.89				-		21.89
10	11	0.64	8	30	.05	1.83	0.05				21.94						21.94
11	12	0.51	6	40	.17	2.60	0.10				22.11						22.11
12	13	0.17	4	40	.16	1.95	0.06				22.27						22.27 (1)

NOTES:
(1) OK, Top of Grate = 22.86, approx 0.6' additional head available as safety factor.

HGL CALCULATIONS for STORM DRAIN LINES

PROJECT: Harrison Middle School

From MH#	To MH#	Q (cfs)	Dia. (in)	LINE LOSSES		V fps	V ² /2g (ft)	Elbow Losses			HGL MH "out"	Manhole Losses				HGL MH "In"	NOTES
				L (ft)	h _f (ft)			Δ	K _{EL}	h _{EL}		Δ	K _Δ	+ .05	K _{MH}	h _{MH} (ft)	
6	20	1.10	8	12	.05	3.15	.15				20.68						20.63
20	21	0.92	4	86	1.09	4.69	.34	45	.14	.10	21.87						20.68
21	22	0.61	6	30	.18	3.11	.15				22.05						21.87
22	23	0.31	6	30	.05	1.58	.04				22.10						22.05
																	22.10 (1)

NOTES:
 (1) OK, Top of Grate = 22.85, approx 0.7' additional head available as safety factor

CHECK INLET CAPACITY

Nyloplast Area Inlets

Area of Individual Opening

$$(5 - 1.13) 1.13 = 4.37 \text{ sq ft}$$

$$\pi \left(\frac{1.13}{2} \right)^2 = \frac{1.00 \text{ sq ft}}{5.37 \text{ sq ft}}$$

$$\times 12 \text{ in} = 64.44 \text{ sq ft}$$

$$\div 144 = 0.45 \text{ sq ft}$$

$$\text{Capacity} = CA \sqrt{2gh} = 0.6(.45) \sqrt{64.4 \times .25} = 1.08 \text{ cfs}$$

Neenah R-2112, Type 'C' Grates

$$\text{Open Area} = 62.7 \text{ sq ft}$$

$$\div 144 = 0.44 \text{ sq ft}$$

$$\text{Capacity} = 0.6(.44) \sqrt{64.4 \times .25} = 1.06 \text{ cfs}$$

CAPACITY CHECK

Location ◇	Q (cfs)	Capacity (cfs)
4	0.65	3.22
5	1.65	3.22
6	0.58	3.22
7	0.25	2.16
8	0.22	2.16
9	0.60	1.08
10	0.06	1.08
11	0.13	1.08
12	0.34	1.08
13	0.17	1.08

Location ◇	Q (cfs)	Capacity (cfs)
21	0.31	1.08
22	0.30	1.08
23	0.31	1.08

RIPRAP DESIGN @ SD OUTFALL

$$SD Q_{max} = 6.71 \text{ cfs}$$

assume flow does not spread but
continues south in 10' apron
and flow depth = 0.25' (conservative
conditions)

$$\begin{aligned} V_{max} &= Q/A = 6.71 / 10' \times 0.25' \\ &= 2.68 \text{ fps} \end{aligned}$$

Critical velocity for 5" median rock
size is 16.0 fps (see following sheet)
therefore mattress is stable.

By inspection riprap at Bus Loop
outfall is stable.

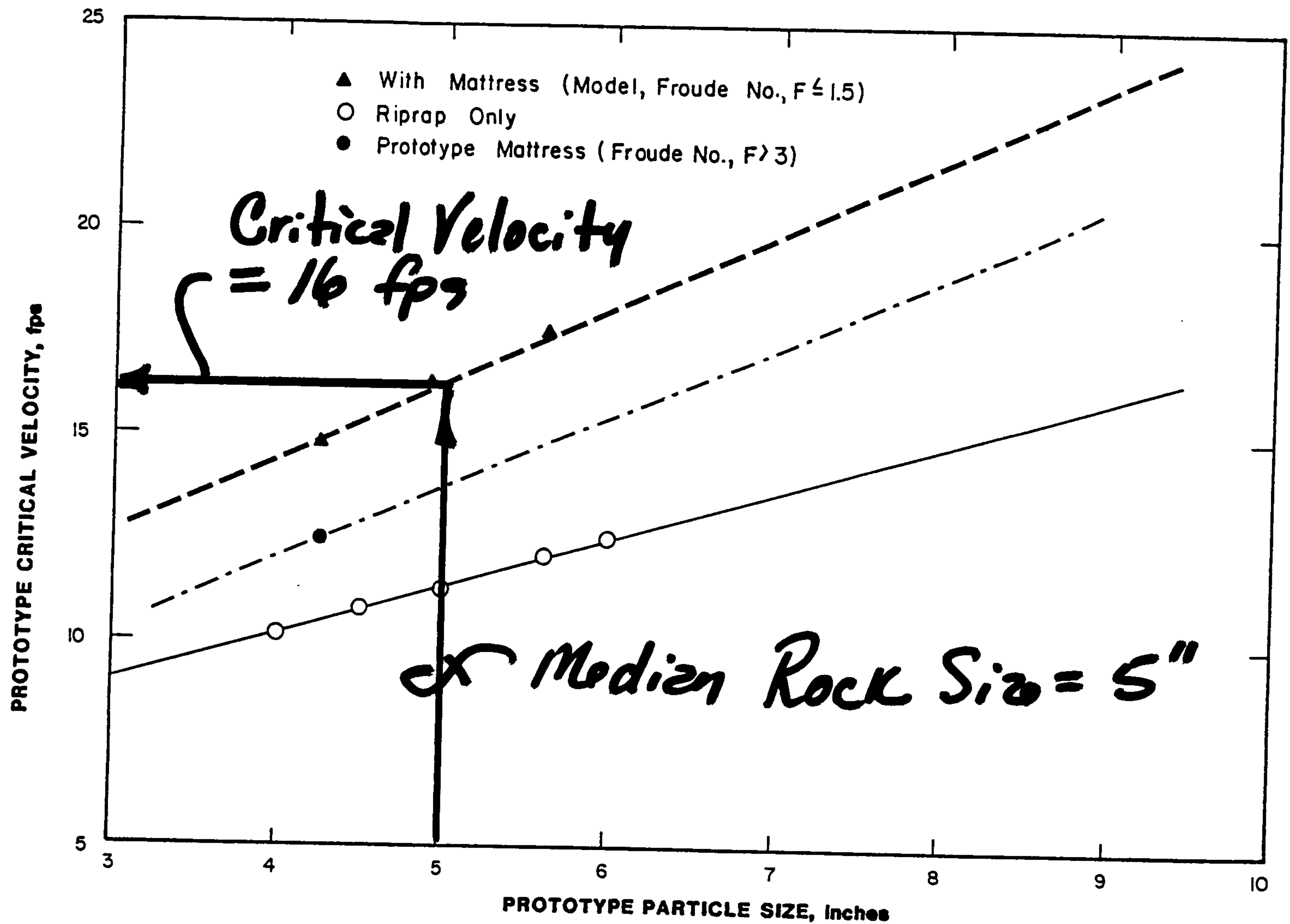


Figure 4.9. Critical velocity that initiates rock movement as a function of rock size.

Source: "Hydraulic Test to Develop Design Criteria for use of Reno Mattresses!"
Simon, Li & Arac.



ISAACSON & ARFMAN, P.A.

Consulting Engineering Associates

*Thomas O. Isaacson, PE & LS • Fred C. Arfman, PE
Scott M. McGee, PE*

August 2, 1996

Mr. Roger Paul, P.E.
Molzen-Corbin & Associates, for
County Surface Water Hydrologist
Bernalillo County Public Works Dept.
2400 Broadway SE
Albuquerque, NM 87102

Ms. Susan Calongne, P.E.
City/County Floodplain Administrator
Hydrology Division/PWD
City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87103

**RE: Grading & Drainage Plan for Harrison Middle School
P12/D6, PWD 96-103**

Dear Mr. Paul & Ms. Calongne:

We are resubmitting three sets of revised grading and drainage plans and associated supporting documents at Harrison Middle School for building permit approval. The revised plan incorporates revisions resulting from your review letter dated July 22, 1996 along with final design changes made in conjunction with final review of the project plans.

In response to the review comments in your 7/22/96 letter we offer the following explanations and clarifications:

1. *Please show the floodplain limits on the grading and drainage plan. The copy of the FIRM, with the site delineated, should also be on the plan. Please indicate the finish floor elevations for all existing and proposed buildings.*

These items have been added on the revised plan.

AUG - 5 1996

Mr. Roger Paul, P.E.
Ms. Susan Calongne, P.E.
August 2, 1996
Page 2

2. *The proposed pond appears to have sufficient capacity for the 100-year 10-day event, but does not account for the volume displaced due to development within the floodplain. Please revise.*

The retention pond does displace floodplain volume; however, because of the deepening of the pond and storage of runoff carried by the storm drain system there is no charge to the floodplain limits. This is verified by the WSEL computations for Basins 10 and 102 given on pages 2 and 3 of the supplemental calculations.

3. *How was the rip-rap size determined? Please provide calculations and gradation to support the design.*

Riprap design is based on the Reno Mattress (Maccafferri) design method. Calculations are given on pages 10 and 11 of the supplemental calculations.

4. *The analysis of the storm drain system must be submitted to verify the proposed pipe and inlet capacities.*

Storm drain system calculations are given on pages 7, 8, and 9.

5. *Please address the overflow spillway issue for the proposed pond.*

100-year runoff volume into the pond is 11,400 cubic feet. Total pond capacity is 77,962 cubic feet. In the event the pond does fill to capacity and overflow, the entire pond berm will act as a spillway and overflow would enter the existing surrounding floodplain. Overflow would not enter adjacent properties.

6. *A pond covenant will be required prior to Building Permit release.*

A draft Drainage Covenant is included in the submittal package. We request your review and approval of this draft prior to executing and filing with the County Clerk.

7. *The geometry of the proposed bus turnaround must be coordinated with Eddie Lozinski.*

The bus turnaround layout and geometry was prepared by Dekker/Perich (the project architectural firm). We have advised Ron Witherspoon at Dekker/Perich of this requirement and he is coordinating with Eddie Lozinski.

Mr. Roger Paul, P.E.
Ms. Susan Calongne, P.E.
August 2, 1996
Page 3

8. *Due to the high groundwater level in this area, it appears that the 48" RCP bubbler may not be able to drain into the pool. Please examine this.*

Test Hole No. 3 of geotechnical investigation measured a water table depth of six feet (see Supplemental Calculations, pages 12 and 13) which is approximately equivalent to a water table elevation of 4915. The pond floor is elevation 4917.5 which is 2½ feet above the water table. The storm drain line invert elevation at the bubbler is 4916.16 ✓ or approximately 1.2 feet above the water table. The portion of the bubbler below the storm drain line invert, which acts as a sediment trap, is partially below the water table; however, no outflow from the sediment trap is required.

Since the project is now out for bid, we appreciate your timely review and approval of this submittal package.

Very truly yours,



Thomas O. Isaacson

TOI/rtl

cc: Jerry Brown, APS (no enclosures)
Ron Witherspoon, Dekker/Perich (no enclosures)

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Harrison Middle School ZONE ATLAS/DRNG. FILE #: P 12
DRB #: — EPC #: — WORK ORDER #: —
LEGAL DESCRIPTION: Tract 8C1B, MR6CD Map No. 49
CITY ADDRESS: 3912 Isleta Blvd SW
ENGINEERING FIRM: Isaacson & Artman PA CONTACT: Tom Isaacson
ADDRESS: 128 Monroe NE 87108 PHONE: 268-8828
OWNER: Albuquerque Public Schools CONTACT: Jerry Brown
ADDRESS: 915 Locust SE, 87106 PHONE: 765-5950
ARCHITECT: Dekker/Perich & Assoc. CONTACT: Ron Witherspoon
ADDRESS: 6501 Americas Parkway NE PHONE: 888-3111
SURVEYOR: Wilson & Co. CONTACT: William Brewster
ADDRESS: 4775 Indian School Rd PHONE: 254-4000
CONTRACTOR: — 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:

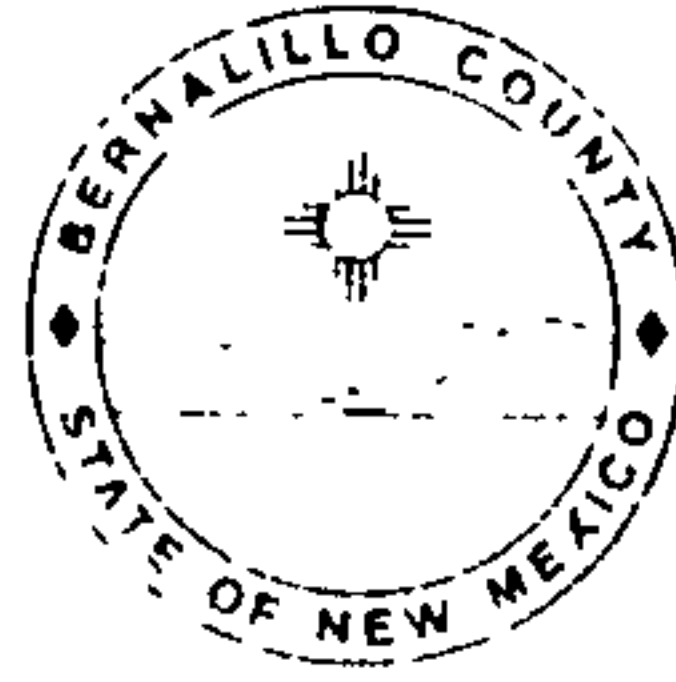
- ☒ YES (County)
☐ NO
☐ COPY PROVIDED

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

8/2/96

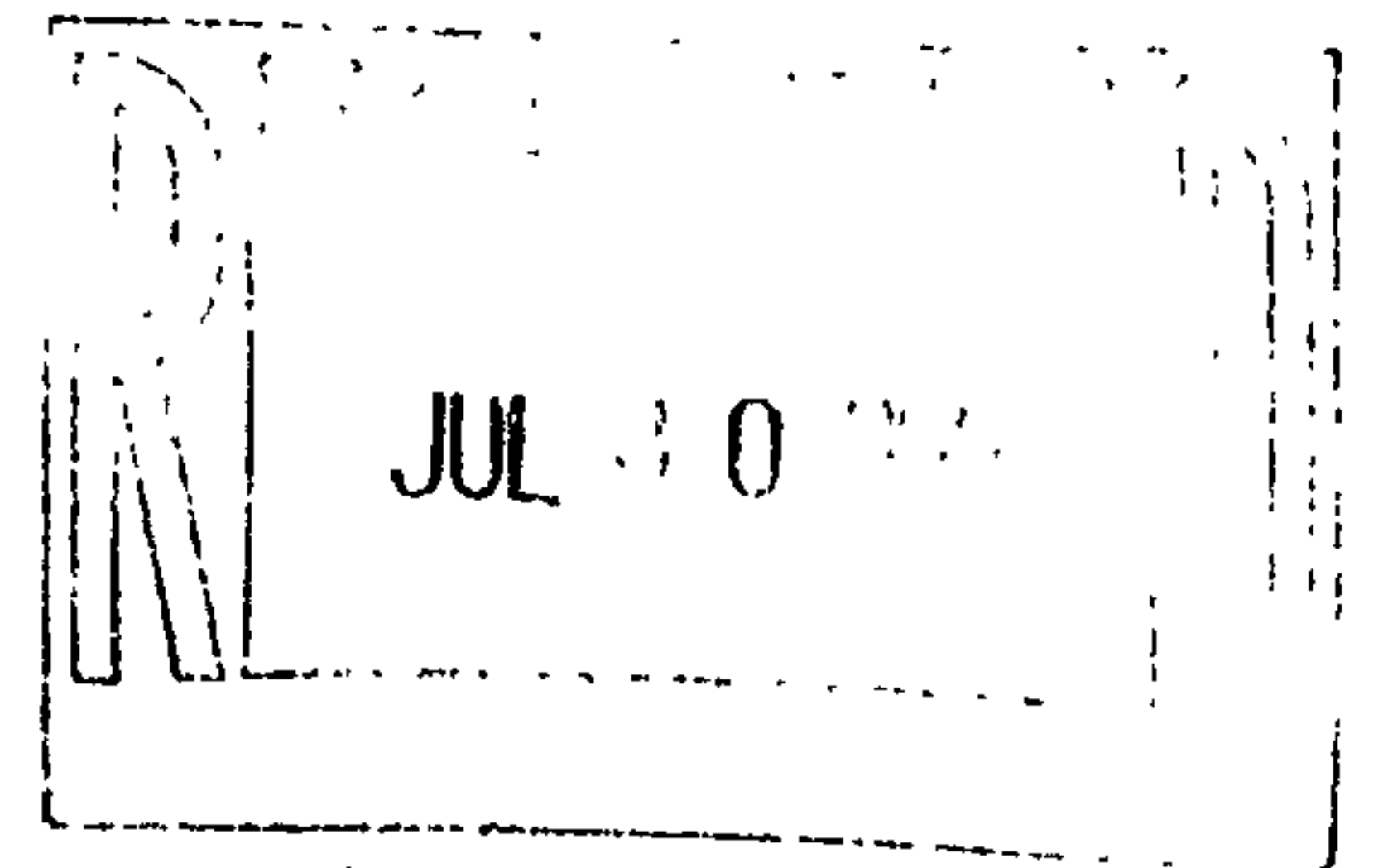
DATE SUBMITTED: 6/6/96BY: Tom Isaacson



County of Bernalillo

State of New Mexico

2400 BROADWAY, S.E.
ALBUQUERQUE, NEW MEXICO 87102
PUBLIC WORKS (505) 848-1500



BOARD OF COUNTY COMMISSIONERS

ALBERT "AL" VALDEZ CHAIRMAN
DISTRICT 2

KEN SANCHEZ VICE CHAIR
DISTRICT 1

EUGENE M. GILBERT MEMBER
DISTRICT 3

BARBARA J. SEWARD MEMBER
DISTRICT 4

LES HOUSTON MEMBER
DISTRICT 5

JUAN R. VIGIL COUNTY MANAGER

DAVID K. ANDERSON ASSESSOR

JUDY D. WOODWARD CLERK

THOMAS J. MESCALL PROBATE JUDGE

JOE BOWDICH SHERIFF

H. R. FINE TREASURER

Date: 29-JUL-96

Subject: Submittal

Case No.: PWD-96-103

Zone Map No.: P-12

Street Address: 3912 ISLETA BLVD SW

Legal Description: TR 8C1B MRGCD MAP 49

Name of Applicant: Albuquerque Public Schools

Dear Applicant:

Bernalillo County Public Works Department will require **TWO WEEKS** for review and comment of submittal and resubmittals, and **ONE WEEK** for final review and plat sign-off. Major submittals may require more than two weeks for review and comment.

The issuance of a permit or a review or approval of plan specifications, computations, and shop drawings shall not be interpreted to be a permit for or an approval of any variance or violation of any of the provisions of any County or State codes, ordinances, standards, or policies. Nor shall such issuance of a permit or approval of plans, specifications, computations, and shop drawings prevent any authorized County representative or County inspector from thereafter requiring the correction of errors in said plans, specifications, computations, or shop drawings or from stopping construction operations which are being carried on thereunder when in violation of any County or State codes, ordinances, standards, or policies.

Review of construction plans, specifications, computations, and shop drawings is only for general conformance with the design concept of the project and general compliance with the plans and specifications and shall not be construed as relieving the Contractor, Land Divider, Subdivider, Engineer/Surveyor, or applicant of the full responsibility for: providing materials, equipment, and work required by the contract; the proper fitting and construction for the work; the accuracy and completeness of the submittal; selecting fabrication processes and techniques of construction; and performing the work in a safe manner.

REV 4-22-91 BR

Page 1

AUG 5 1996

COUNTY OF BERNALILLO

APPLICATION FOR CASE REVIEW

Please complete pages one and two of this application for review of your case. Submit THREE blueines of plat, drawings, or information with case submittals and THREE blueines of plat, drawings, or information along with the original mylar for final sign-off applications. Submit a County Zone Atlas Map with subject property marked on the map. If a Grading and Drainage plan is not included with a land division, replat, or conceptual plan, please submit one 8.5"x11" photocopy of a USGS quad map with the subject property superimposed.

NOTE: INCOMPLETE APPLICATIONS WILL BE RETURNED WITHOUT REVIEW.

1. APPLICANT INFORMATION:

a. Applicant is(check one):

☒ OWNER

☐ ENGINEER

☐ SURVEYOR

☐ DRAINAGE ENGINEER

☐ AGENT

b. Date of this application: 12-JUN-96

c. Signature of applicant:

(print) Thomas O. Isaacson (sign)

Thomas O. Isaacson

d. OWNER: Albuquerque Public Schools
915 Locust SE
Albuquerque, NM 87106

PHONE: 765-5950

e. AGENT: Isaacson & Arfman
128 Monroe NE
Albuquerque, NM 87108

PHONE: 268-8828

f. OTHER(specify):

PHONE:

, NM

2. TYPE OF SUBMITTAL (check one):

☐ REPLAT

☐ LAND DIVISION (MINOR SUBDIVISION)

☐ MAJOR SUBDIVISION

☐ CONSTRUCTION DRAWINGS

☒ GRADING/DRAINAGE PLAN

☐ AS-CONSTRUCTED GRADING/DRAINAGE PLAN

☐ VARIANCE REQUEST

☐ TRAFFIC IMPACT ANALYSIS/TRAFFIC STUDY

☐ INFRASTRUCTURE LIST/DESIGN REVIEW FEE

☐ OTHER (specify):

BERNALILLO COUNTY

☐ NEW SUBMITTAL

☒ RESUBMITTAL

☐ FINAL SIGNOFF



PWD SUBMITTAL

Use for all PWD applications EXCEPT Street Excavation

TODAY'S DATE August 2, 1996

CASE NO PWD-96-103

OWNER

OWNER Albuquerque Public Schools PHONE 765-5950
MAILING ADDRESS 915 Locust SE CITY Alb. ZIP 87106

AGENT

AGENT / CONTRACTOR Isaacson & Artman PA PHONE 268-8828
MAILING ADDRESS 128 Monroe NE CITY Alb. ZIP 87108

STATE LICENSE NO. EXP DATE VOLUME CLASS

ARCHITECT/ENGINEER Isaacson & Artman PA LICENSE NO. 3895 PHONE 268-8828

SITE INFORMATION

SITE ADDRESS / DIRECTIONS 3912 Isleta Blvd SW ZONE P-12
Harrison Middle School ATLAS NO
LEGAL DESCRIPTION Tract 8C1B, MRGCD Map No 49
LOT SIZE 24.79 ac
EXISTING BUILDING(S) AND USE Administration, Classrooms, Gym PROPOSED BUILDING(S) Classrooms
UPC # 1-012-053-416-138-401-39

TYPE OF SUBMITTAL

- ☐ REPLAT
☐ MINOR SUBDIVISION
☐ MAJOR SUBDIVISION
☐ CONSTRUCTION DRAWINGS
☒ GRADING & DRAINAGE PLAN
☐ AS-CONSTRUCTED GRADING & DRAINAGE PLAN
☐ VARIANCE REQUEST
☐ LAND DIVISION

- ☐ TRAFFIC IMPACT ANALYSIS / TRAFFIC STUDY
☐ INFRASTRUCTURE LIST / DESIGN REVIEW
☐ SPECIAL USE PERMIT
☐ BARRICADING PERMIT
☐ BUILDING PERMIT
☐ INSPECTION
☐ OTHER (Specify):

The issuance of a permit or a review or approval of plan specifications, computations, and shop drawings, shall not be interpreted to be a permit for, or an approval of any variance or violation of any of the provisions of any COUNTY or STATE codes, ordinances, standards, or policies. Nor shall such issuance of a permit or approval of plans, specifications, computations, and shop drawings prevent any authorized COUNTY representative or COUNTY Inspector from thereafter requiring the correction of errors in said plans, specifications, computations, or shop drawings or from stopping construction operations which are being carried on thereunder when in violation of any COUNTY or STATE codes, ordinances, standards, or policies.

☐ Owner ☒ Agent ☐ Contractor

Signature

Herbert D. Isaacson

Date

August 2, 1996

COUNTY

BERNALILLO COUNTY USE ONLY

C/R's:

TOTAL FEE:

Receipt No.

Received By:

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Harrison Middle School ZONE ATLAS/DRNG. FILE #: P 12 / 106

DRB #: — EPC #: — WORK ORDER #: —

LEGAL DESCRIPTION: Tract EC1B, MR6CD Map No. 49

CITY ADDRESS: 3912 Isleta Blvd SW

ENGINEERING FIRM: Isaacson & Artman PA CONTACT: Tom Isaacson

ADDRESS: 128 Monroe NE 87108 PHONE: 268-3828

OWNER: Albuquerque Public Schools CONTACT: Jerry Brown

ADDRESS: 915 Locust SE, 87106 PHONE: 765-5950

ARCHITECT: Dekker / Perich & Assoc. CONTACT: Ron Witherspoon

ADDRESS: 6501 Americas Parkway NE PHONE: 888-3111

SURVEYOR: Wilson & Co. CONTACT: William Brewster

ADDRESS: 4775 Indian School Rd PHONE: 254-4000

CONTRACTOR: — 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 (County)
- ☐ 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
- ☐ CERTIFICATE OF OCCUPANCY APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ S.A.D. DRAINAGE REPORT
- ☐ DRAINAGE REQUIREMENTS
- ☐ OTHER _____ (SPECIFY)

DATE SUBMITTED: 8/2/96

BY: Tom Isaacson

AUG - 5 1996



1996 - 5

P-12-Z

LEGAL DESCRIPTION	SECTION 18
UNIFORM PROPERTY CODE	SECTION 18
CHARTER	SECTION 18
COUNTY ZONING MAP	SECTION 18
ADAPTED	SECTION 18
COUNTY COMMISSIONER	SECTION 18
MAP LICENSE NUMBER	SECTION 18

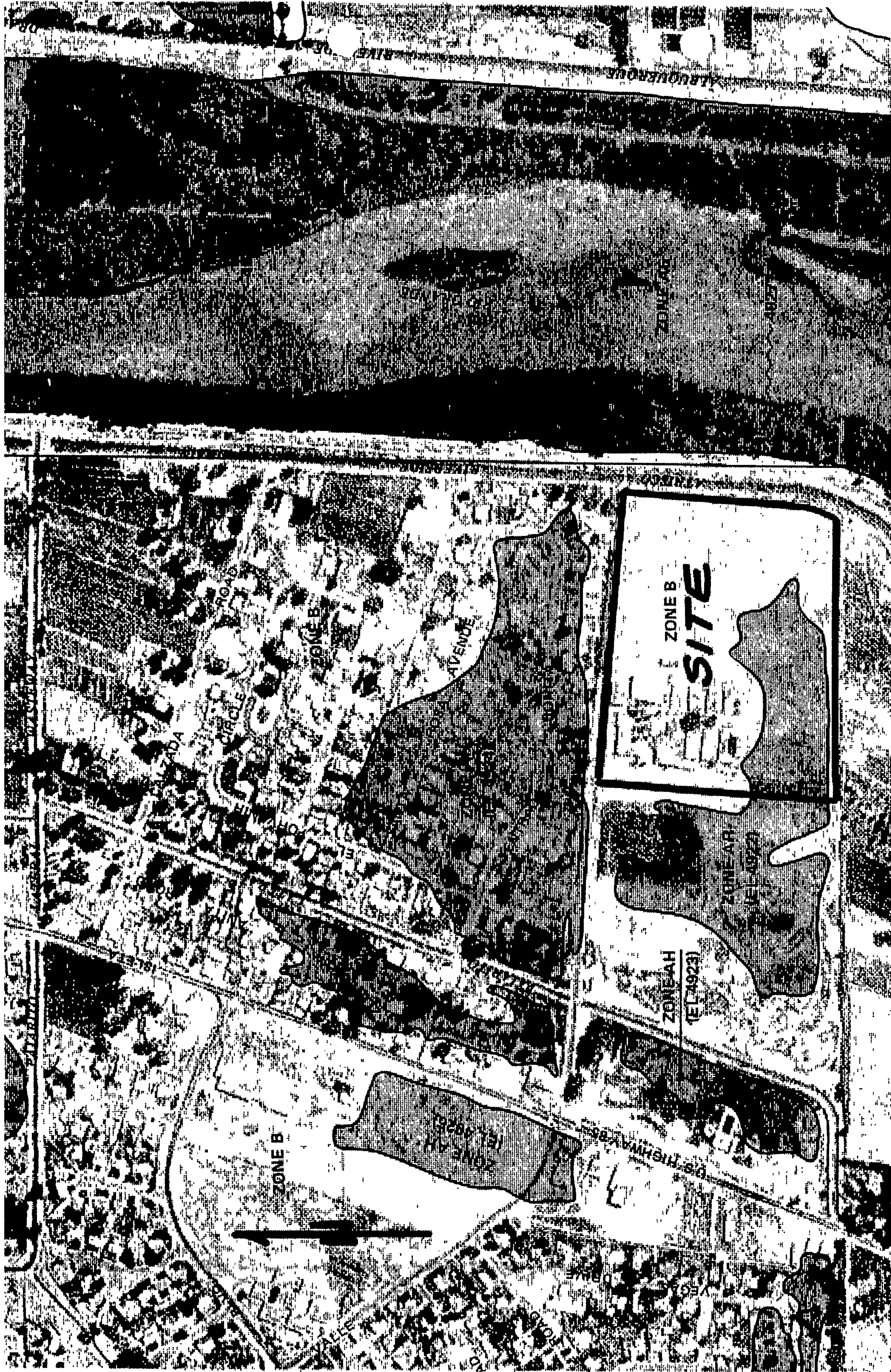


EXHIBIT A
FIRM MAP
Scale: 1"=500'

SUPPLEMENTAL CALCULATIONS
Harrison Middle School

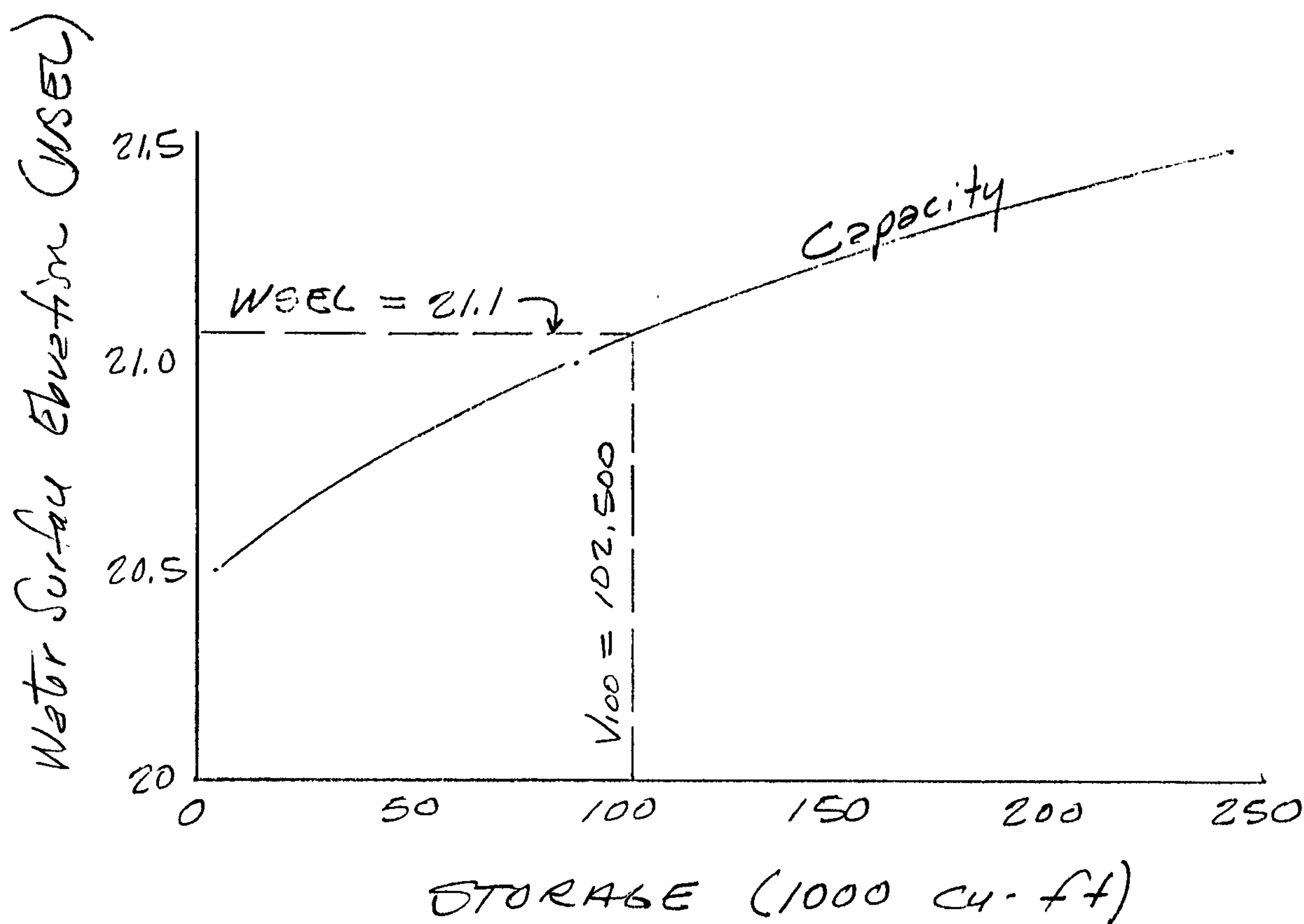
<u>Page</u>	<u>Contents</u>
1	Title Page
2	Calculations to Compute WSEL for Basin 10 Flood Plain
3	Calculations to Compute WSEL for Basin 102 Flood Plain
4	Calculations to Compute Retention Pond WSEL for 100-yr Runoff
5, 6	Location Maps for SD Design
7, 8, 9	Storm Drain Design Calculations
10, 11	Biprap Design Calculations

COMPLETE WSEL FOR BASIN 10* FLOOD PLAIN

* Existing Conditions Basin

Flood Plain Ponding Area Calculations:

ELEV	PLANIMETER RDG	AREA (sq ft)	AVG AREA (sq ft)	DEPTH (ft)	VOLUME (cu-ft)	ACCUM. VOLUME (cu-ft)
20.3	-	- 0 -				
20.5	1130	42,375	21,188	0.2	4238	4238
21.0	6835	256,312	149,344	0.5	74,672	78,910
21.5	11,030	413,625	334,968	0.5	167,484	246,394

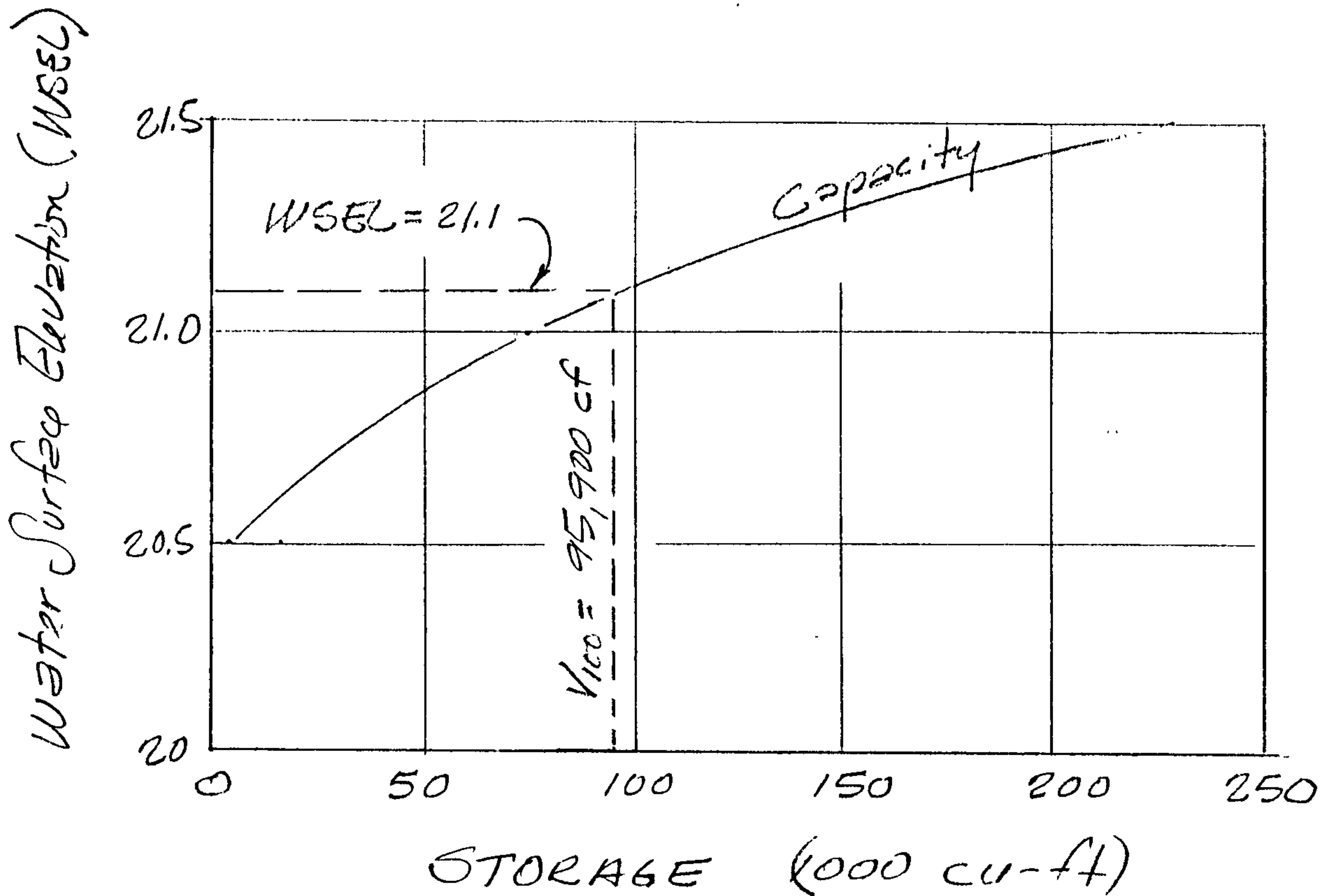


Compute WSEL for Basin 102* Flood Plain

* Developed Conditions Basin

Flood Plain Ponding Area Calculations:

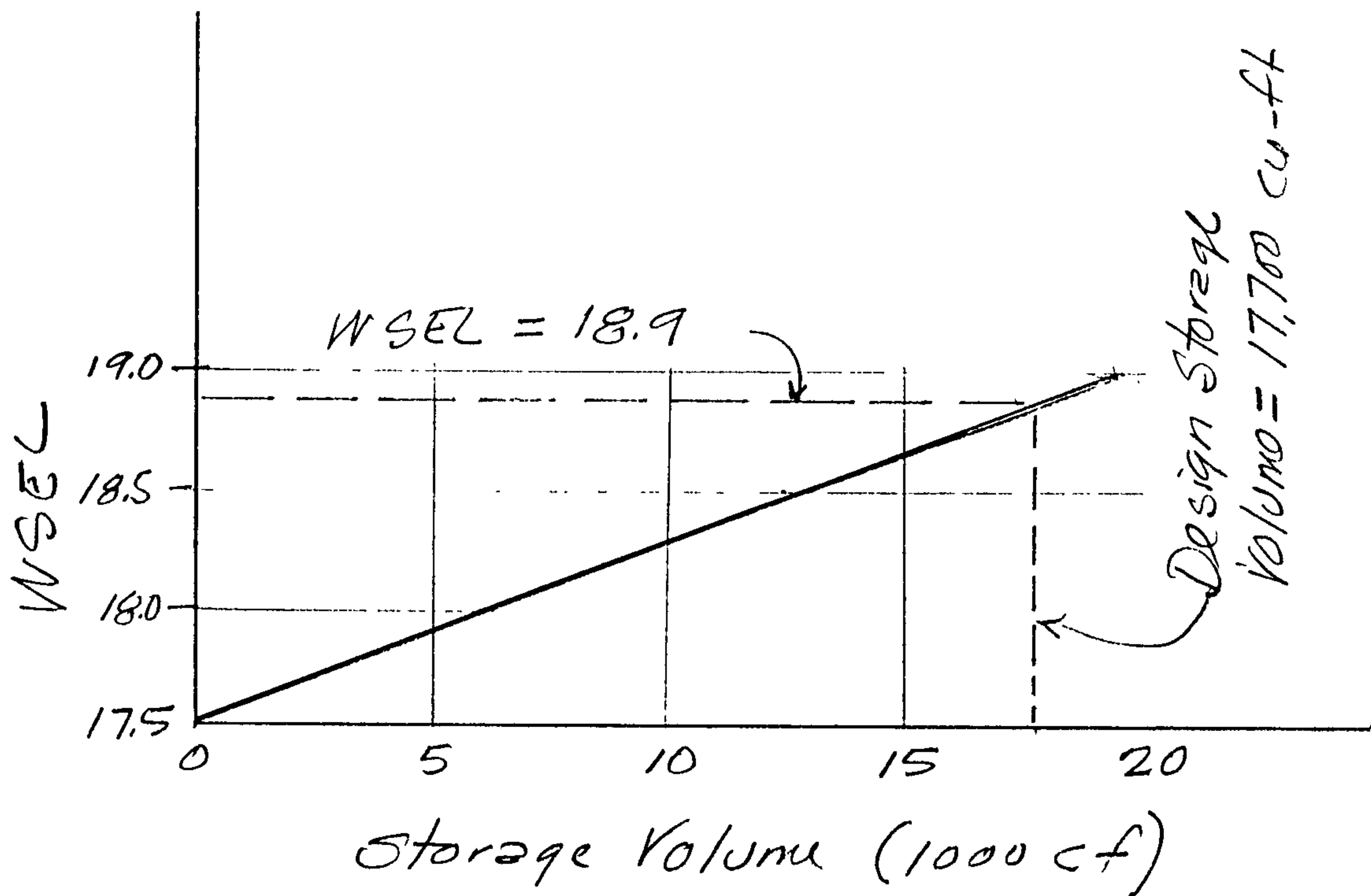
ELEV	PLANIMETER AREA RDG	AREA (sf)	AVG AREA (sf)	DEPTH (ft)	VOLUME (cu-ft)	Accum. VOLUME (cu-ft)
20.3	—	0	18,750	0.2	3,750	3,750
20.5	1000	37,500	135,187	0.5	67,594	71,344
21.0	6210	232,875	307,875	0.5	153,937	225,281
21.5	10,210	382,875				

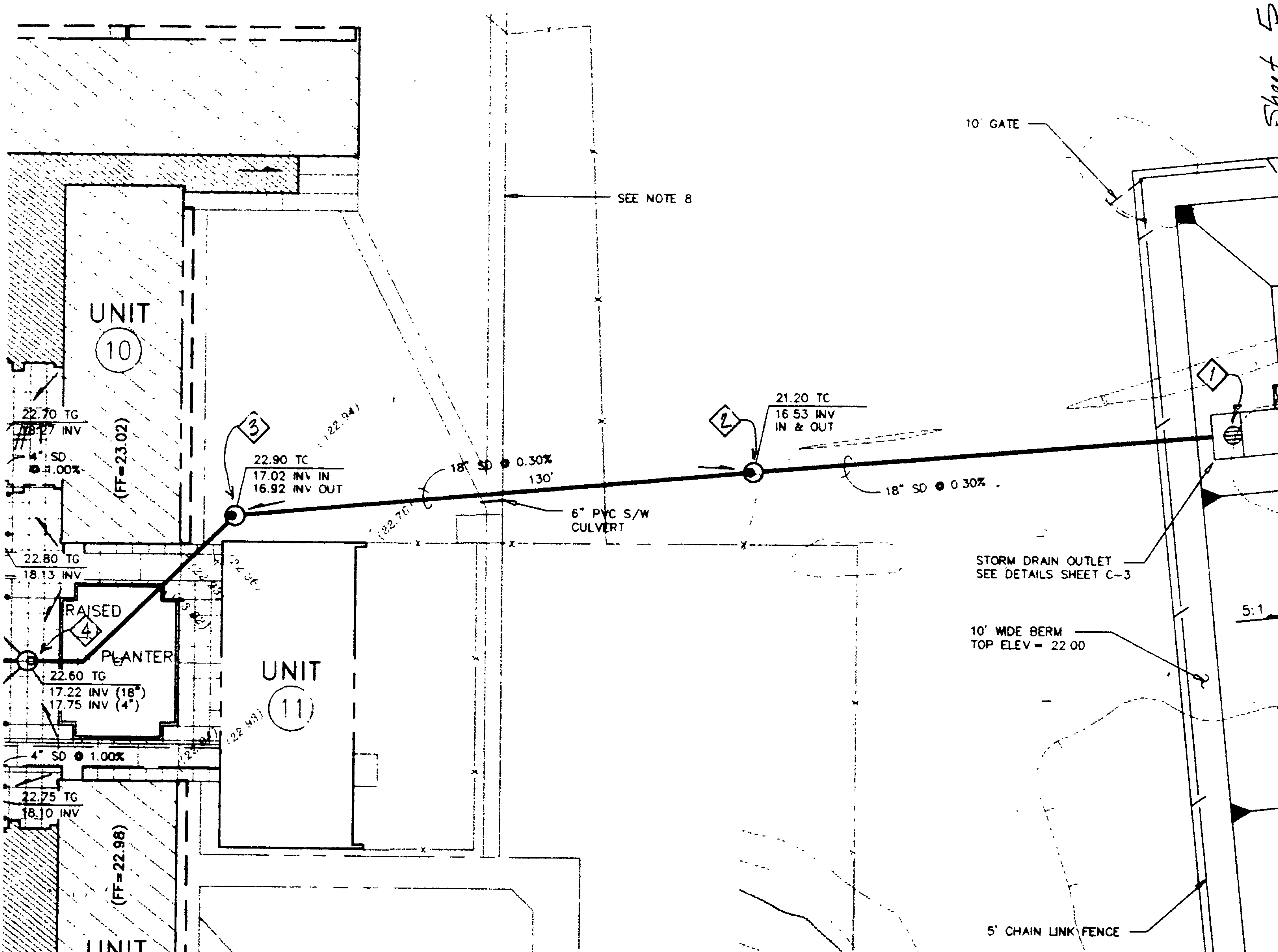


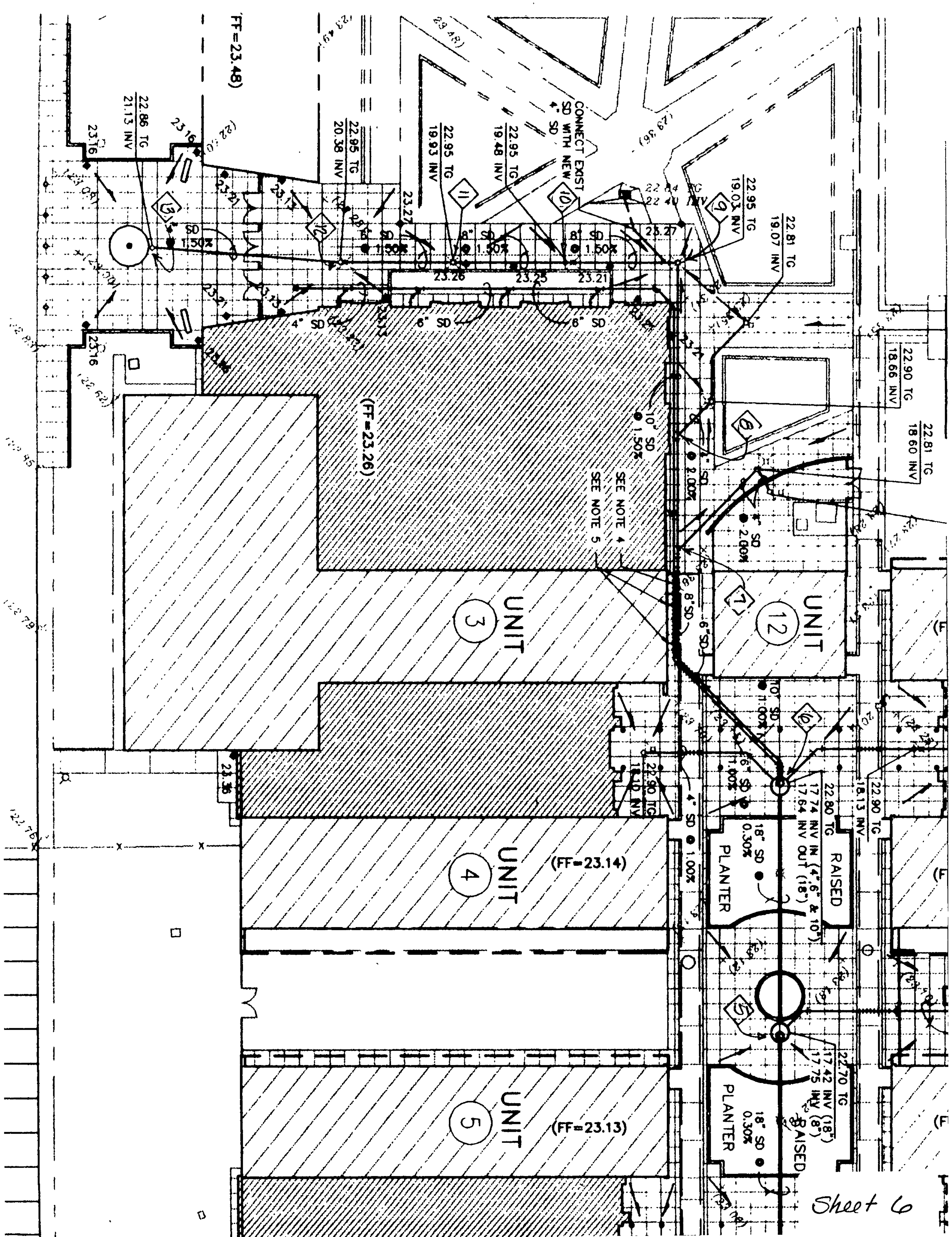
COMPUTE POND WSEL FOR REVISED DESIGN

Retention Pond Capacity Calculations

WSEL	Area Dimensions	Area (sf)	Area (sf)	Volume (cu-ft)	Accum Volume (cu-ft)
17.5	75x150	11,250			
			11,825	5912	5912
18.0	80x155	12,400			
			13,000	6500	12,412
18.5	85x160	13,600			
			14,225	7112	19,524
19.0	90x165	14,850			







HGL CALCULATIONS for STORM DRAIN LINES

PROJECT: Herriem Middle School

From ~~MANH~~	To ~~MANH~~	Q (cfs)	Dia (in)	LINE LOSSES		V fps	V ² /2g (ft)	Elbow Losses			HGL MH "out"	Manhole Losses				HGL MH "In"	NOTES
				L (ft)	hf (ft)			A	K _{EL}	h _{EL}		Δ	K _A	+ .05	K _{MH}	h _{MH} (ft)	
1	2	5.79	18	122	0.22	3.28	0.17				19.62	—	—		.05	.01	19.63
2	3	5.79	18	130	0.23	3.28	0.17				19.86	39	.13		.18	.03	19.89
3	4	5.79	18	67	.12	3.28	0.17	45	.15	.03	20.04	—	—		.05	.01	20.05
4	5	5.14	18	66	.10	2.91	0.13				20.15	—	—		.05	.01	20.16
5	6	3.49	18	66	.05	1.97	0.06				20.21	90	.20		.25	.01	20.23
6	Tunnel	1.77	10	35	.12	3.25	0.16				20.75						20.75
Tunnel	Tunnel	1.77	6	10	.43	9.01	1.26	45	.15	.19	20.97						20.97
Tunnel	Tunnel	1.77	8	24	.25	5.07	0.40				21.22						21.22
Tunnel	7	1.77	10	6	.02	3.25	0.16				21.24						21.24

NOTES:

- (1) Pond 100-yr WSEL = 18.9
+ 0.5' for head loss at
Bubble and Velocity Head
dissipation

HGL CALCULATIONS for STORM DRAIN LINES

PROJECT: Herriem Middle School

From MH	To MH	Q (cfs)	Dia. (in)	LINE LOSSES		V fps	V ² /2g (ft)	Elbow Losses			HGL MH "out"	Manhole Losses					HGL MH "In"	NOTES
				L (ft)	L _f (ft)			Δ	K _{EL}	h _{EL}		Δ	K _Δ	+ .05	K _{MH}	h _{MH} (ft)		
7	8	1.52	10	30	.08	2.79	0.12				21.32						21.32	
8	9	1.30	10	40	.09	2.38	0.09				21.41	90	.20		.25	.02	21.43	
9	10	0.70	8	30	.04	2.01	0.06				21.47				.	—	21.47	
10	11	0.64	8	30	.05	1.83	0.05				21.54					—	21.54	
11	12	0.51	6	40	.17	2.60	0.10				21.71					—	21.71	
12	13	0.17	4	40	.14	1.95	0.06				21.87						21.87 (1)	

NOTES:
(1) OK, Top of Grate = 22.86, approx 1' additional head available as safety factor

CHECK INLET CAPACITY

Nyloplast Area Inlets

Area of Individual Opening

$$(5 - 1.13) 1.13 = 4.37 \text{ sq ft}$$

$$\pi \left(\frac{1.13}{2} \right)^2 = \frac{1.00 \text{ sq ft}}{5.37 \text{ sq ft}}$$

$$\times 12 \text{ in} = 64.44 \text{ sq ft}$$

$$\div 144 = 0.45 \text{ sq ft}$$

$$\text{Capacity} = CA \sqrt{2gh} = 0.6(.45) \sqrt{64.4 \times .25} = 1.08 \text{ cfs}$$

Neenah R-2112, Type 'C' Grates

$$\text{Open Area} = 62.7 \text{ sq ft}$$

$$\div 144 = 0.44 \text{ sq ft}$$

$$\text{Capacity} = 0.6(.44) \sqrt{64.4 \times .25} = 1.06 \text{ cfs}$$

CAPACITY CHECK

Location ◇	Q (cfs)	Capacity (cfs)
4	0.65	3.22
5	1.65	3.22
6	0.58	3.22
7	0.25	2.16
8	0.22	2.16
9	0.60	1.08
10	0.06	1.08
11	0.13	1.08
12	0.34	1.08
13	0.17	1.08

RIPRAP DESIGN @ SD OUTFALL

$$SD Q_{max} = 5.79 \text{ cfs}$$

assume flow does not spread but
continues south in 10' apron
and flow depth = 0.25' (conservative
conditions)

$$\begin{aligned} V_{max} &= Q/A = 5.79 / 10' \times 0.25' \\ &= 2.32 \text{ fps} \end{aligned}$$

Critical velocity for 5" median rock
size is 16.0 fps (see following sheet)
therefore mattnu is stable.

By inspection riprap at Bus Loop
outfall is stable.

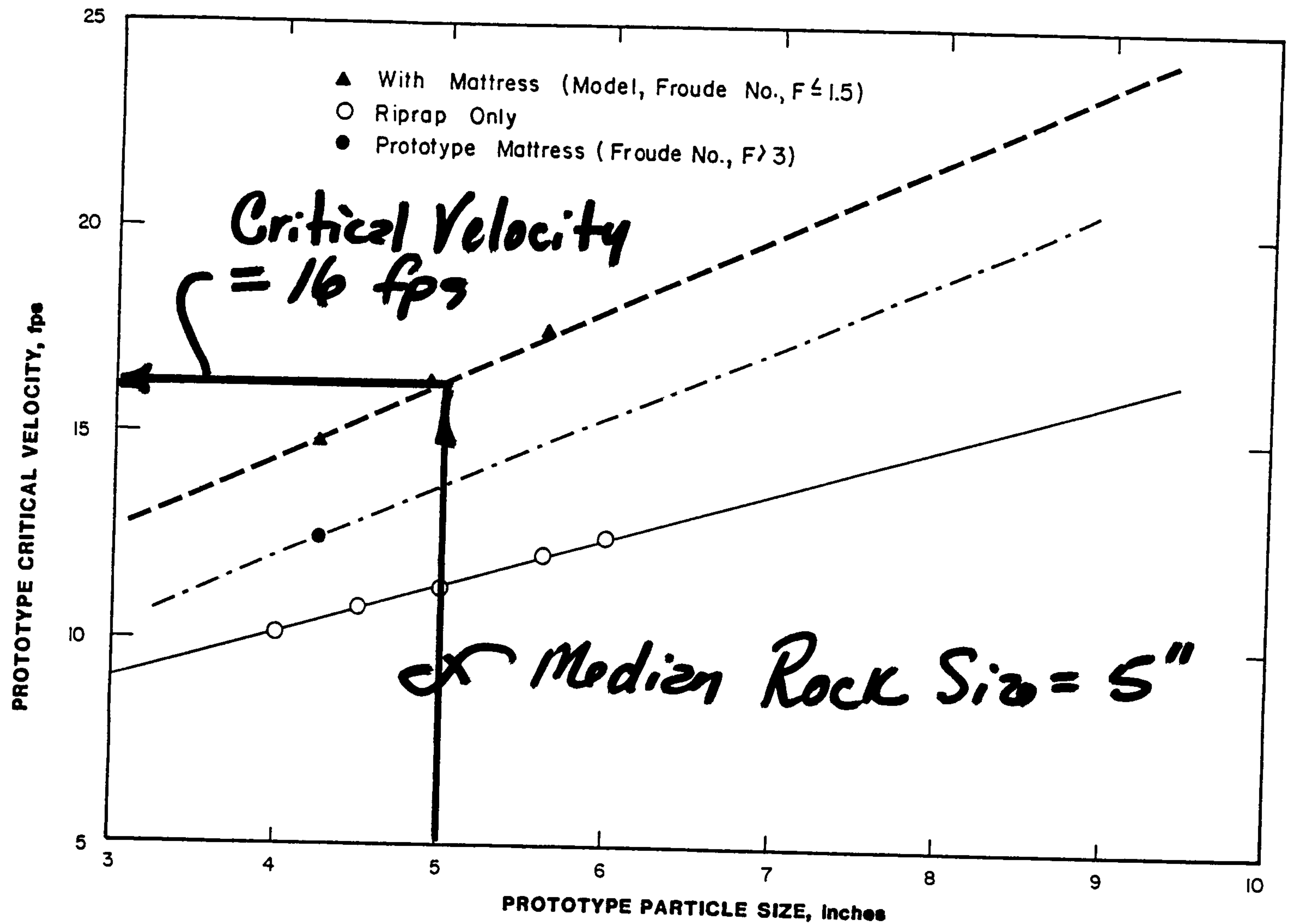


Figure 4.9. Critical velocity that initiates rock movement as a function of rock size.

Source: "Hydraulic Test to Develop Design Criteria for use of Reno Mattresses." Simon, Li & ASRC.

SITE PLAN

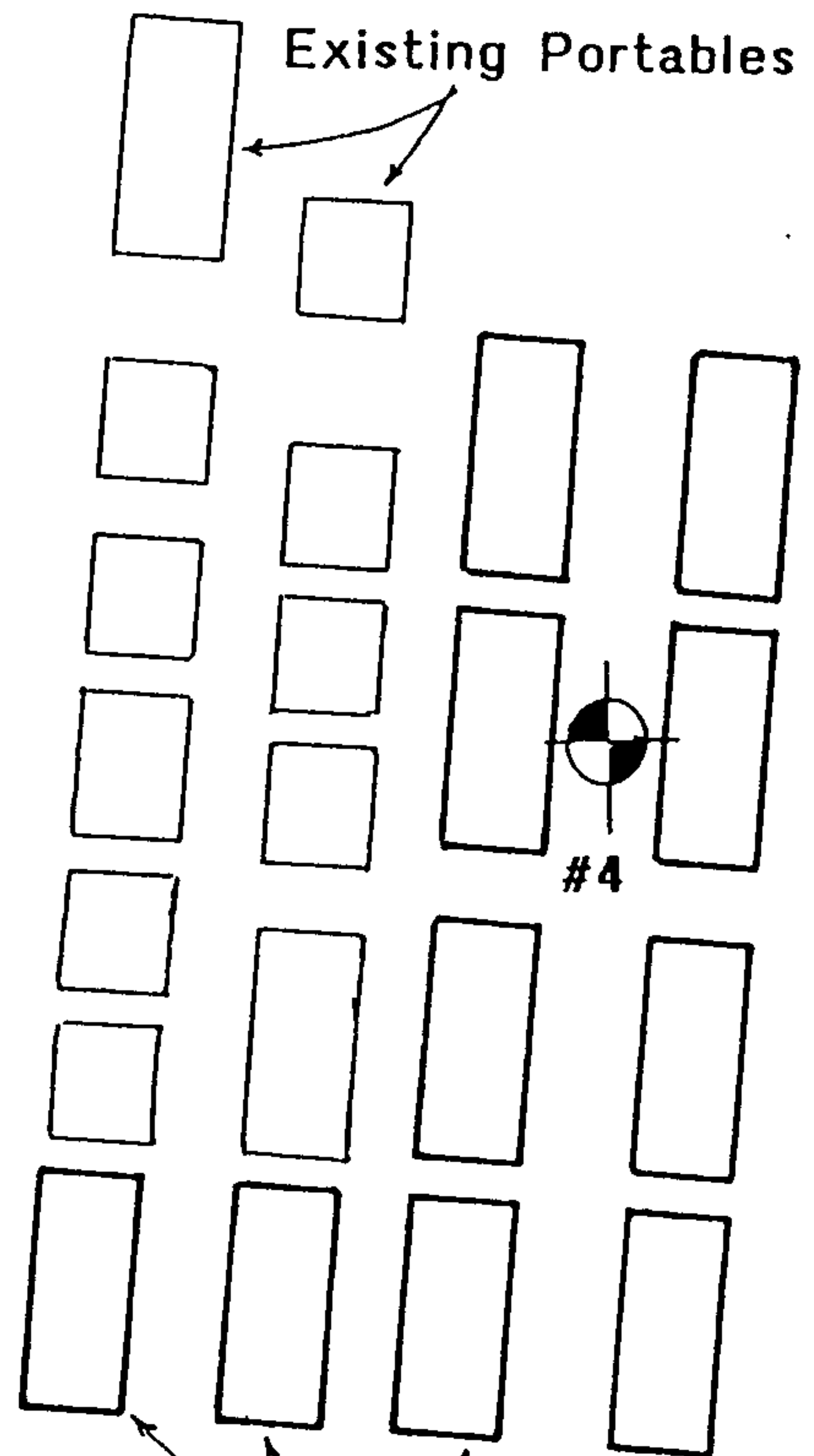
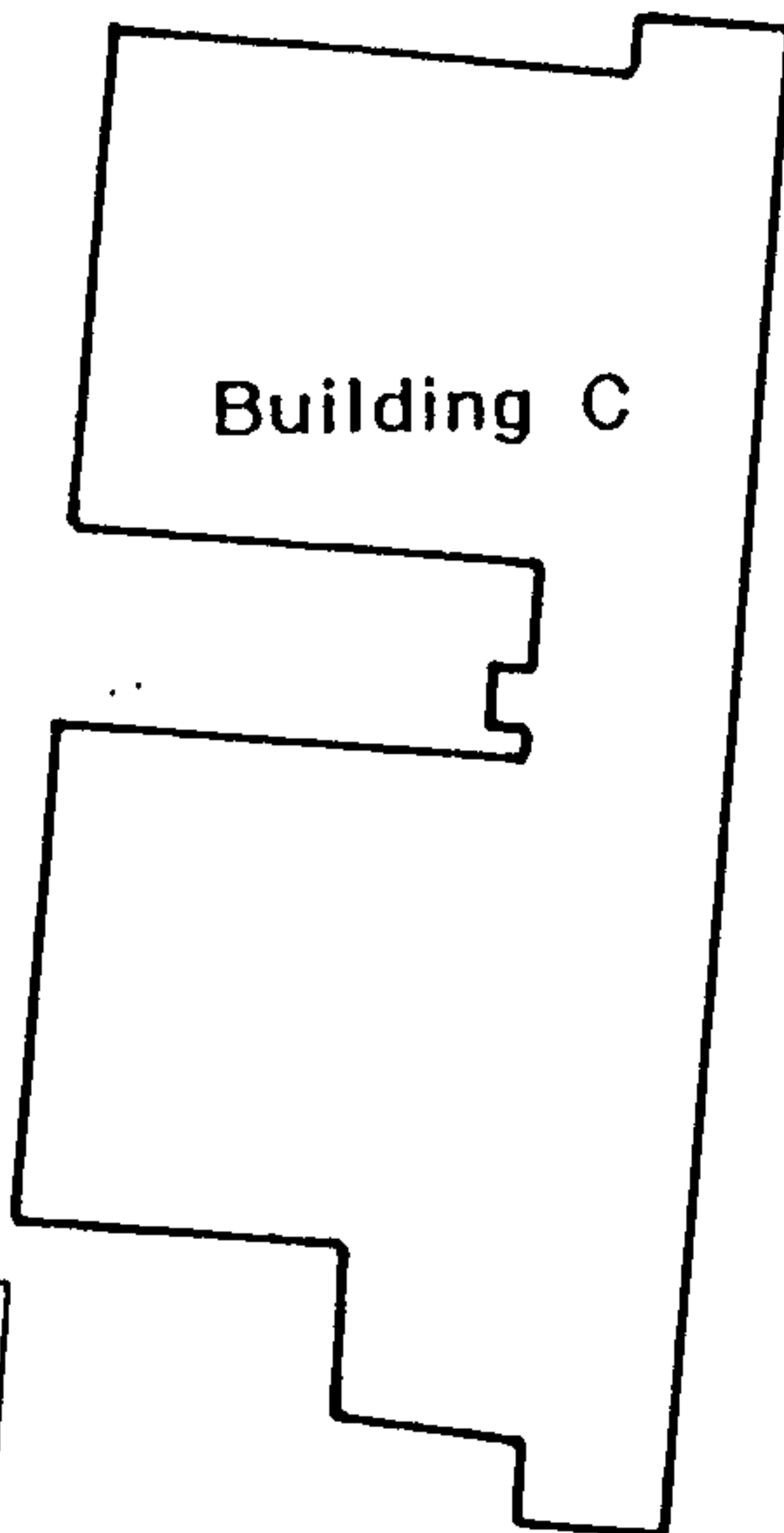
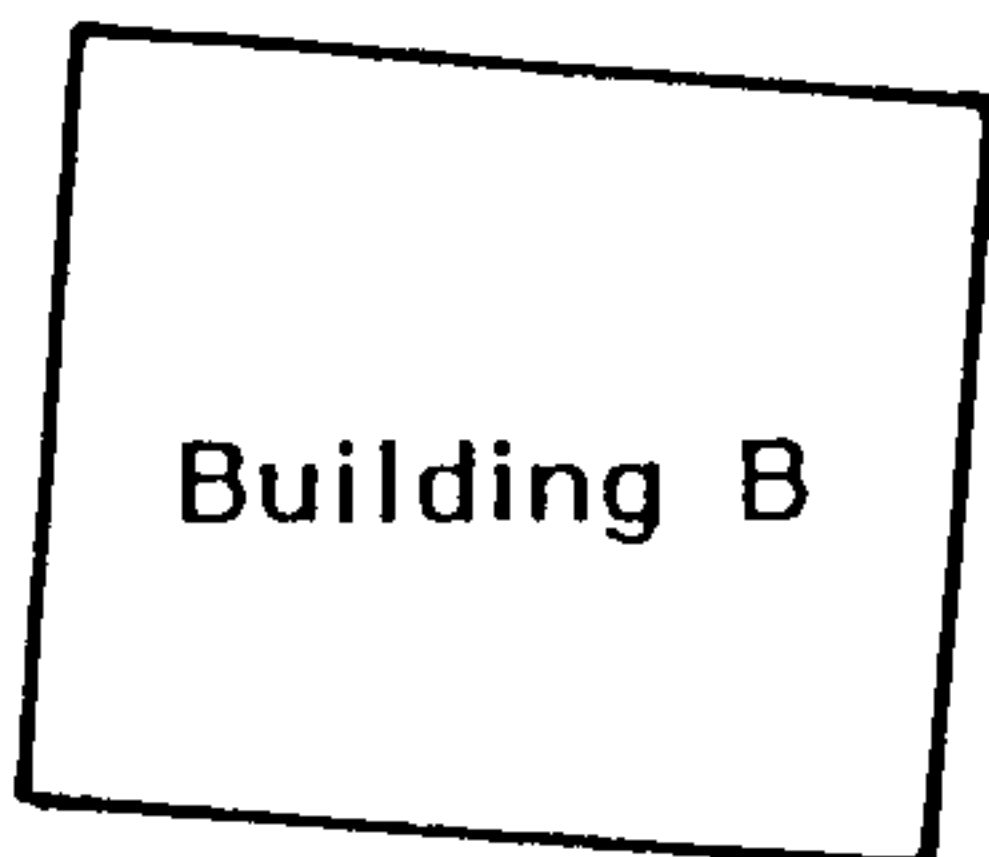
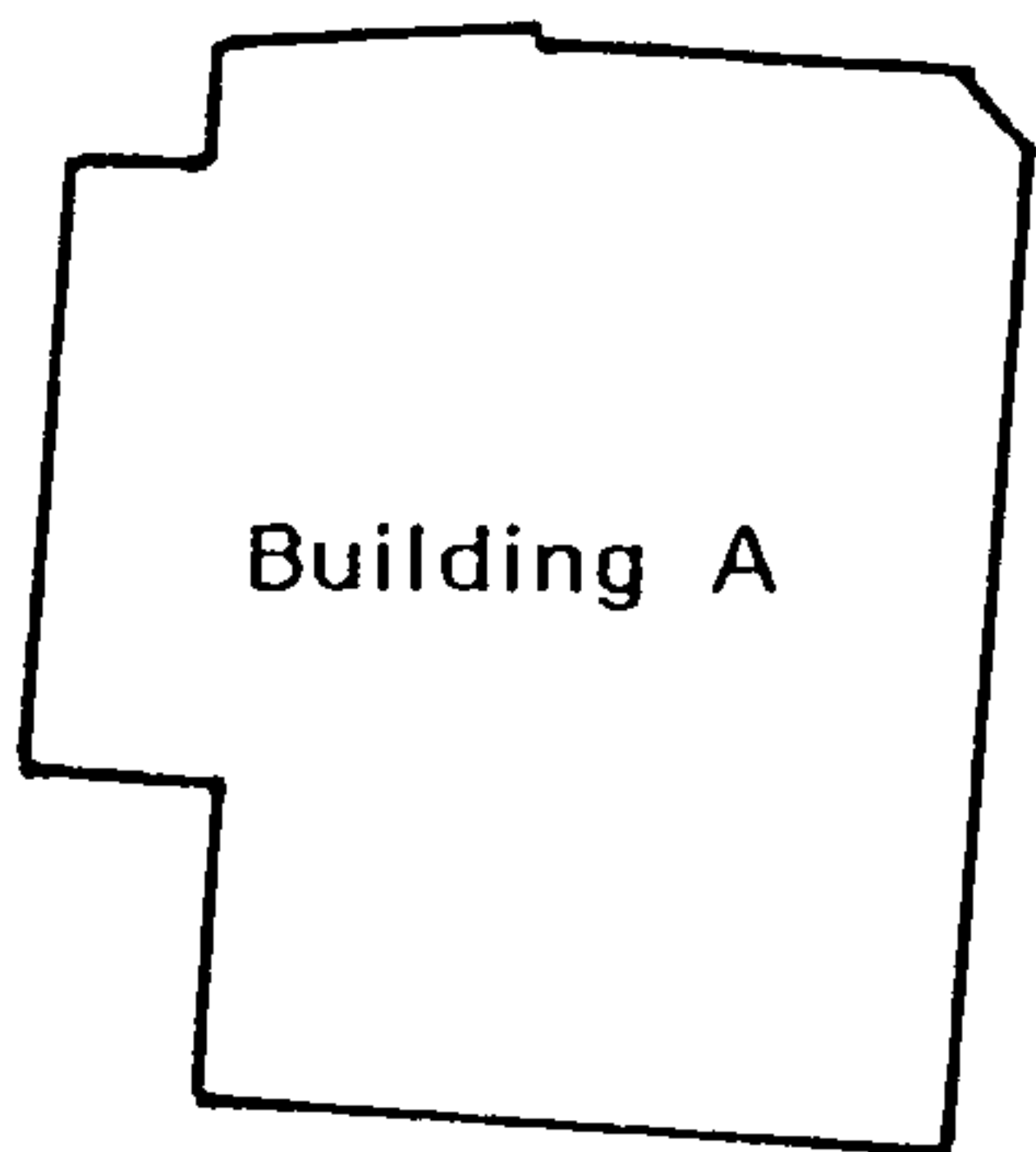
SHOWING LOCATIONS OF TEST BORINGS

Porvenir Subdivision

Rio Bravo Park



SCALE 1" = 100'



Existing Portables

Proposed Portables



Harrison Middle School Renovations
3912 Isleta Boulevard, S.W.
Albuquerque, New Mexico
AEE Job No. 6-517-67



AGRA

Earth & Environmental Sketch 12

LOG OF TEST BORING NO. 3

NO. 6-517-67

DATE 3/22/96

Depth in Feet	Continuous Penetration Resistance	Graphical Log	Sample	Sample Type	Blows/foot 140 lb. 30" free-fall drop hammer	Dry Density lbs. per cubic foot	Moisture Content Percent of Dry Weight	Unified Soil Classifi- cation	RIG TYPE CME-75 BORING TYPE 6-5/8" Hollow Stem Auger SURFACE ELEV. _____ DATUM _____	
									REMARKS	VISUAL CLASSIFICATION
0				S	15		26	ML		SANDY SILT, very low plasticity, dark brown
3				S	9		12			SAND, fine to medium, nonplastic, brown
5				U	8 NR					
10				S	3			SP		
15				S	2 NR					
20										Stopped auger @ 14' 6" Stopped sampler @ 16'
25										
30										
35										
40										
45										
50										

GROUNDWATER

SAMPLE TYPE

DEPTH	HOUR	DATE
6.0	11:30	3/22/96

B - Bulk Samples NR - No Recovery.
S - 2" O.D. 1.38" I.D. tube sample.
U - 3" O.D. 2.42" I.D. tube sample.
C - 2.5" O.D. 2.00" I.D. tube sample.

AGRA

EARTH AND ENVIRONMENTAL, INC.

Sheet 13

DRAINAGE COVENANT

This Drainage Covenant, between Albuquerque Public Schools, a New Mexico School District ("Owner"), and its heirs, executors, successors, assigns and transferees, whose address is 915 Locust Southeast, Albuquerque, NM 87106 and the County of Bernalillo, a New Mexico political subdivision ("County"), whose address is One Civic Plaza, Albuquerque, New Mexico 87103, is made in Albuquerque, Bernalillo County, New Mexico and is entered into as of the date Owner signs this Easement.

1. Recital. Owner is the owner of certain real property located at 3912 Isleta Blvd. Southwest, also being Tract 8C1B MRGCD Map 49 (Harrison Middle School) in Bernalillo County, New Mexico (the "Property").

Pursuant to County ordinances, regulations and other applicable laws, the Owner is required to construct and maintain certain drainage facilities on the Property, and the parties wish to enter into this agreement to establish the obligations and responsibilities of the parties.

2. Description and Construction of Drainage Facilities. Owner shall construct the following "Drainage Facility" within the Property at Owner's sole expense in accordance with the standards, plans and specifications approved by the County: A storm water retention pond located in the southwest portion of the school property.

The Drainage Facility is more particularly described in the attached Exhibit A. The Owner shall not permit the Drainage Facility to constitute a hazard to the health or safety of the general public.

3. Maintenance of Drainage Facility. The Owner shall maintain the Drainage Facility at Owner's cost in accordance with the approved Drainage Report and plans.

4. County's Right of Entry. The County has the right to enter upon the Property at any time and perform whatever inspection of the Drainage Facility it deems appropriate, without liability to the Owner.

5. Demand for Removal, Construction or Repair. The County may send written notice ("Notice") to the Owner requiring the Owner to construct, remove or repair the Drainage Facility within 60 days ("Deadline") of receipt of the Notice, as provided in Section 11, and the Owner shall comply promptly with the requirements of the Notice. The Owner shall perform all required work by the Deadline, at the Owner's sole expense.

6. Failure to Perform by Owner and Emergency Work by County. If the Owner fails to comply with the terms of the Notice by the Deadline, or if the County determines that an emergency condition exists, the County may perform the work itself. The County then may assess the Owner for the cost of the work and for any other expenses or damages which result from Owner's failure to perform. The Owner agrees promptly to pay the County the amount assessed. If the Owner fails to pay the County within thirty (30) days after the County gives the Owner written notice of the amount due, the County may impose a lien against Owner's Property for the total resulting amount plus interest.

7. Liability of County for Repair after Notice or as a Result of Emergency. The County shall not be liable to the Owner for any damages resulting from the County's repair, removal or maintenance following notice to the Owner as required in this agreement or in an emergency unless the damages are the result of the reckless conduct or gross negligence of the County.

8. Indemnification. A. As a part of the consideration for this grant, subject to the provisions of the New Mexico Tort Claims Act and all other applicable New Mexico laws, the County agrees to save Owner harmless from any and all liability arising from the County's negligent use of the Drainage Facility. The County does not agree to save Owner harmless from any liability which may arise from Owner's use or misuse of the Drainage Facility and the Property.

B. The Owner hereby agrees to hold harmless, indemnify and defend the Bernalillo County, its officers, Agents and Employees from and against any and all liability, suits, actions, claims, damages, costs of defence and fees arising out of or resulting from the Owner's and/or of his employee's, agent's, or officer's conduct, performance, act(s), errors or omissions(s), relating in any manner whatsoever to this Covenant.

Provided, however, such indemnity shall not extend to liability, claims, damages, losses or expenses, including attorney's fees, arising out of the preparation or approval of maps, drawings, opinions, reports, surveys, change orders, designs or specifications by the indemnitee, or the agents or employees of the indemnitee, or the giving of or the failure to give directions or instructions by the indemnitee, or the agents or employees of the indemnitee, where such giving or failing to give directions or instructions is a primary cause of bodily injury to persons or damage to property.

9. Cancellation of Agreement and Release of Covenant. This agreement may be canceled and Owner's covenants released by the County by the County's mailing to the Owner notice of the County's intention to record a Cancellation and Release with the Bernalillo County Clerk. The Cancellation and Release shall be effective thirty (30) days after the date of mailing the notice to the User unless a later date is stated in the notice or in the Cancellation and Release. After the effective date, the County will record the Cancellation and Release with the Bernalillo County Clerk.

10. Assessment. Nothing in this agreement shall be construed to relieve the Owner, his heirs, assigns, transferees and successors from an assessment against Owner's Property for improvements to the Property under a duly authorized and approved Special Assessment District or applicable law. The Parties specifically agree that the value of the Drainage Facility will not reduce the amount assessed by the County.

11. Notice. For purposes of giving formal written notice to the Owner, Owner's address is:
Albuquerque Public Schools
915 Locust Southeast
Albuquerque, NM 87106

Notice may be given to the Owner either in person or by mailing the notice by regular U.S. mail, postage paid. Notice will be considered to have been received by the Owner within six (6) days after the notice is mailed if there is no actual evidence of receipt. The Owner may change Owner's address by giving written notice of the change by certified mail, return receipt requested, to the Bernalillo County Public Works Department, 2400 Broadway S.E., Albuquerque, New Mexico 87102.

12. Term. This agreement shall continue until terminated by the County pursuant to Section 9 above.

13. Binding on Owner's Property. The covenants and obligations of the Owner set forth herein shall be binding on Owner, his heirs, assigns, transferees and successors and on Owner's Property and shall constitute covenants running the Owner's Property until released by the County.

14. Entire Agreement. This agreement contains the entire agreement of the parties and supersedes any and all other agreements or understandings, oral or written, whether previous to the execution hereof or contemporaneous herewith.

15. Changes to Agreement. Changes to this agreement are not binding unless made in writing, signed by both parties.

16. Construction and Severability. If any part of this agreement is held to be invalid or unenforceable, the remainder of the agreement will remain valid and enforceable if the remainder is reasonably capable of completion.

17. Captions. The captions to the sections or paragraphs of this agreement are not part of this agreement and will not affect the meaning or construction of any of its provisions.

18. Form Not Changed. Owner agrees that changes to the wording of this form are not binding upon the County unless initialed by the Owner are approved and signed by the County Commission Chairman in writing on this form.

OWNER: Albuquerque Public Schools

By: _____

Its: _____

Dated: _____

STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)

The foregoing instrument was acknowledged before me this
_____ day of _____, 19____, by [name of
person signing:] _____,
[Title or capacity, for instance, "President" or "Owner":]
_____ of [name of the entity
which owns the Property if other than the individual signing, for
instance, the name of the corporation, partnership, or joint
venture:] Albuquerque Public Schools

My Commission Expires:

Notary Public

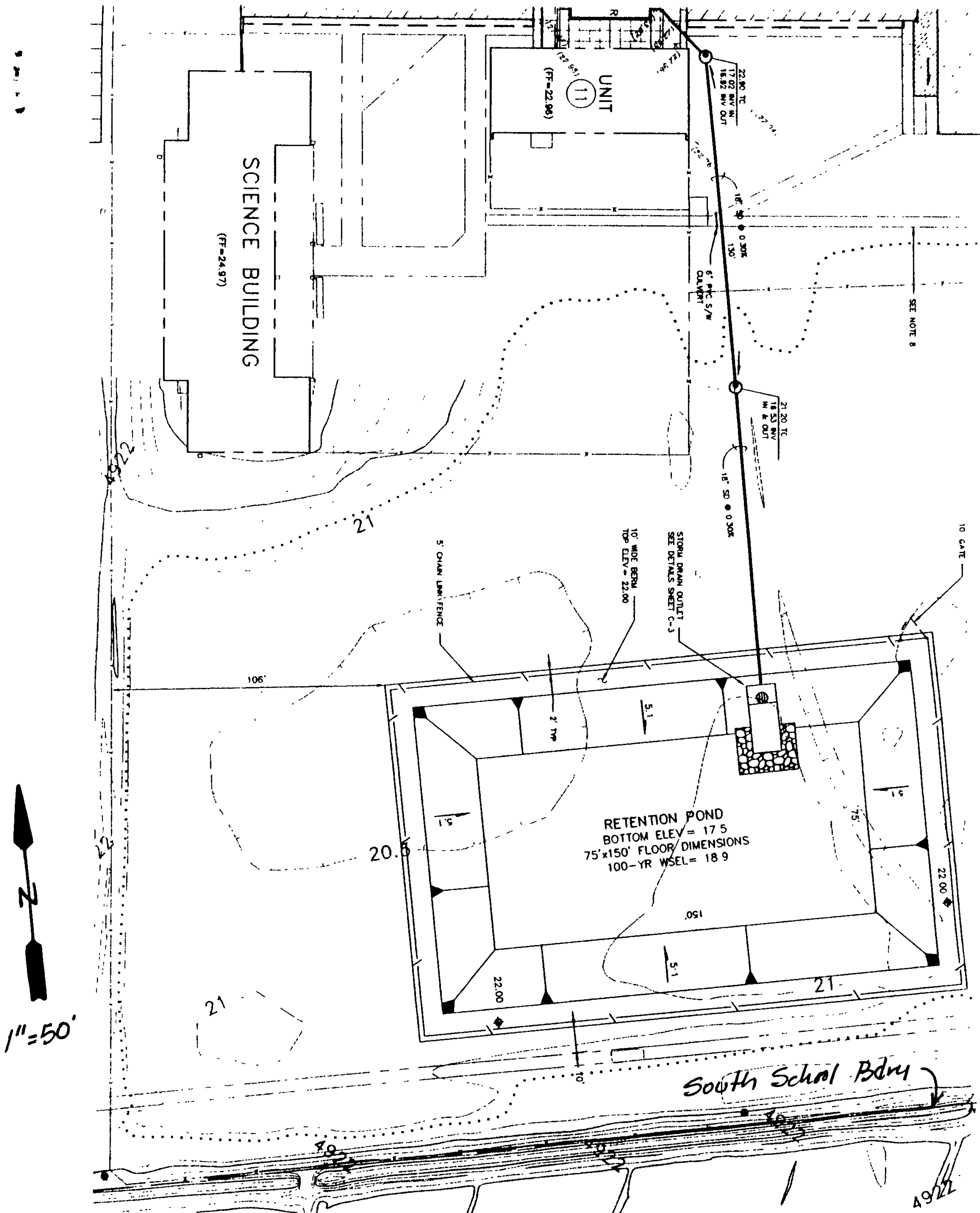


EXHIBIT A



County of Bernalillo

State of New Mexico

2400 BROADWAY, S.E.
ALBUQUERQUE, NEW MEXICO 87102
PUBLIC WORKS (505) 848-1500

July 22, 1996

BOARD OF COUNTY COMMISSIONERS

ALBERT "AL" VALDEZ, CHAIRMAN
DISTRICT 2

KEN SANCHEZ, VICE CHAIR
DISTRICT 1

EUGENE M. GILBERT, MEMBER
DISTRICT 3

BARBARA J. SEWARD, MEMBER
DISTRICT 4

LES HOUSTON, MEMBER
DISTRICT 5

JUAN R. VIGIL, COUNTY MANAGER

DAVID K. ANDERSON, ASSESSOR

JUDY D. WOODWARD, CLERK

THOMAS J. MESCALL, PROBATE JUDGE

JOE BOWDICH, SHERIFF

H. R. FINE, TREASURER

Tom Isaacson, P.E.
Isaacson & Arfman
128 Monroe NE
Albuquerque, New Mexico 87108

RE: GRADING AND DRAINAGE PLAN FOR HARRISON MIDDLE SCHOOL (P12/D6) (PWD 96-103) SUBMITTED FOR BUILDING PERMIT APPROVAL, ENGINEER'S STAMP DATED 6/6/96.

Dear Mr. Isaacson:

This letter is a compilation of comments from myself and the Bernalillo County Public Works Division. Prior to approval for Building Permit release for the above referenced school site, please address the following:

1. Please show the floodplain limits on the grading and drainage plan. The copy of the FIRM, with the site delineated, should also be on the plan. Please indicate the finish floor elevations for all existing and proposed buildings.
2. The proposed pond appears to have sufficient capacity for the 100-year 10-day event, but does not account for the volume displaced due to development within the floodplain. Please revise.
3. How was the rip-rap size determined? Please provide calculations and gradation to support the design.
4. The analysis of the storm drain system must be submitted to verify the proposed pipe and inlet capacities.
5. Please address the overflow spillway issue for the proposed pond.
6. A pond covenant will be required prior to Building Permit release.
7. The geometry of the proposed bus turnaround must be coordinated with Eddie Lozinski.

Eddy Lozinski

Tom Isaacson, P.E.
page 2

July 22, 1996

8. Due to the high groundwater level in this area, it appears that the 48" RCP bubbler may not be able to drain into the pond. Please examine this.

If you should have any questions regarding these comments, please do not hesitate to call me at 768-2666, or Roger Paul at Bernalillo County.

Sincerely,



Susan M. Calongne, P.E.
City/County Floodplain Administrator

c: Roger Paul, Bernalillo County Public Works Division
File

**ISAACSON & ARFMAN, P.A.****Consulting Engineering Associates**Thomas O. Isaacson, PE & LE • Fred C. Arfman, PE
Scott M. McGee, PE**FAX NO. (505) 268-2632******* FAX COVER SHEET *****TO: Susan Calonge DATE: 7/12/96COA HydrologyFAX #: 768-3629REFERENCE: Harrison Middle SchoolTOTAL NUMBER OF PAGES,
INCLUDING THIS PAGE: 2☐ Hard copy to follow via mail.

9661 5 1 70r

If you do not receive any of these pages, please call (505) 268-8828.

MESSAGE:

City Drainage Information Sheet
per call from Roger Paul.

JUL 16 1996

FROM: Tom Arfman

PROJECT TITLE: Harrison Middle School ZONE ATLAS/DRNG. FILE #: P 12/116
 TRB #: — EPC #: — WORK ORDER #: —
 LEGAL DESCRIPTION: Tract 8C1B, MR6CD Map No. 49
 CITY ADDRESS: 3912 Isleta Blvd SW
 ENGINEERING FIRM: Isaacson & Arthur PA CONTACT: Tom Isaacson
 ADDRESS: 128 Monroe NE 87105 PHONE: 268-8828
 OWNER: Albuquerque Public Schools CONTACT: Terry Brown
 ADDRESS: 915 Locust SE, 87106 PHONE: 765-5950
 ARCHITECT: Darker / Perich & Assoc. CONTACT: Ron Witherspoon
 ADDRESS: 6501 Americas Parkway NE PHONE: 888-3111
 SURVEYOR: Wilson & Co. CONTACT: William Brewster
 ADDRESS: 4775 Indian School Rd PHONE: 254-4000
 CONTRACTOR: — 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 (County)
☐ 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
☐ CERTIFICATE OF OCCUPANCY APPROVAL
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER _____ (SPECIFY)

DATE SUBMITTED: 6/6/96

BY: Tom Isaacson

JUL 16 1996

PWD-96-103

✓1. NEEDS TO SHOW FLOODPLAIN LIMITS (ELEV. 4922)

Copy firm on Plan - provide all ff elevations

✓2. APPEARS TO HAVE SUFFICIENT CAPACITY FOR THE 100 YR. - 10 DAY EVENT BUT DOES NOT ACCOUNT FOR FLOODWATER DISPLACEMENT.

✓3. RIPRAP DESIGN — HOW DETERMINED?
NEED CALCS & GRADATION TO SUPPORT DESIGN

✓4. ANALYSIS OF THE STORM DRAIN SYSTEM NEEDS TO BE SUBMITTED TO VERIFY PROPOSED PIPE AND INLET CAPACITIES.

✓5. THE GEOMETRICS OF THE PROPOSED BUS TURNAROUND NEED TO BE LOOKED AT — COORDINATE WITH EDDIE L.

✓6. POND COVENANT $\neq$ will be required prior to BP

✓7. NEEDS TO ADDRESS THE OVERFLOW SPILLWAY ISSUE.

JUL 16 1996

RAL, 6-19-96

Letter of Transmittal

To Roger Paul
Drainage Review
County of Bernalillo

Date 6/6/96
Job No. _____

Attn: _____

Reference

Harrison Middle School

PWD 96-103

Gentlemen:

We transmit to you 1 copy(ies) of the following

- | | |
|--|--|
| ☐ _____ Plats | ☐ Shop Drawings |
| ☐ _____ Plans | ☐ Submittals |
| ☐ Specifications | ☐ Material Specifications |
| ☐ _____ Report | ☐ Copy of Letter |
| ☒ <u>Grading & Drainage Plan</u> | |
| ☒ <u>Information Sheet, Supplementary Drainage Information</u> | |

This information is transmitted:

- | | |
|--|---|
| ☐ As per your request | ☐ For your files |
| ☒ For your review & approval | ☐ For your use |
| ☐ For your information | ☐ Please review & return |
| ☐ For your attention | ☐ For return to your files |
| ☐ For your signature | ☐ Please advise |
| ☐ _____ | |
| ☐ _____ | |

Remarks: _____

JUL 16 1996

By: Tom Arfman

Copies To

Susan Calongre, COA
Terry Brown, APS
Ron Witherspoon, DPA

COUNTY OF BERNALILLO
APPLICATION FOR CASE REVIEW

TYPE OR PRINT IN INK ONLY.

Please complete the following application for review of your case. Submit four blueines of plat, drawings, or information. Submit a County Zone Atlas Map with subject property marked on the map. If a grading and drainage plan is not included with a land division, subdivision, replat, conceptual, or excavation permit submittal, please submit one 8.5" x 11" photocopy of a USGS quad map with the subject property superimposed. Incomplete or inaccurate applications may delay the review. DO NOT USE THIS FORM FOR RESUBMITTALS FOR WHICH PUBLIC WORKS HAS ALREADY OR IS IN THE PROCESS OF PROVIDING COMMENTS ON. PLEASE INFORM THE RECEPTIONIST OF A RESUBMITTAL IN ORDER THAT YOU FILL OUT THE "RESUBMITTAL FOR CASE REVIEW" FORM. IF THE CASE HAS AN EXISTING CASE NUMBER, THE SUBMITTAL IS CONSIDERED A RESUBMITTAL.

1. APPLICANT INFORMATION:

a. APPLICANT IS (CHECK ONE):

Owner

Contractor

Surveyor

Agent

Architect/Engineer

☒ Drainage Engineer

b. Date of this application: 6/6/96

c. SIGNATURE OF APPLICANT:

(PRINT): Thomas O. Isaacson

(SIGN)

Thomas O. Isaacson

d. OWNER APS (Jerry Brown)

PHONE 765-5950

ADDRESS 915 Locust SE

ZIP CODE 87106

e. AGENT --

PHONE

ADDRESS

ZIP CODE

f. CONTRACTOR --

PHONE

ADDRESS

ZIP CODE

g. ARCHITECT/ENGINEER Dekker/Perich & Assoc.

PHONE 888-3111

ADDRESS 6501 Americas Parkway NE, Suite 615

ZIP CODE 87110

h. SURVEYOR Wilson & Co

PHONE 254-4000

ADDRESS 4775 Indian School Rd NE #200

ZIP CODE 87110

i. DRAINAGE ENGINEER Isaacson & Arfman PA

PHONE 268-8828

ADDRESS 128 Monroe NE

ZIP CODE 87108

2. TYPE OF REVIEW (CHECK ONE):

Replat

Excavation Permit

Other (Specify):

Minor Subdivision

Construction Drawing

(Land Division)

Conceptual Review

Subdivision

☒ Grading/Drainage

Building Permit

JUL 1 6

Preliminary

3. LOCATION OF REQUEST:

- a. Site Address: 3912 Isleta Blvd SW
- b. Legal Description: Tract 8C1B, MR6CD
Map No 49 (Harrison Middle School)
- c. County Zone Map No.: _____

4. If this case has or is being reviewed by another agency, please write case number(s): _____

CASE NO.:

Public Works Intended Use Only

REP _____
LDR _____
SUB _____
BPP _____

PER _____
CON _____
PWD _____
GDR _____



LEGAL DESCRIPTION
T 9 N
R 2 E
SEC 18
NEEDS MAP 19

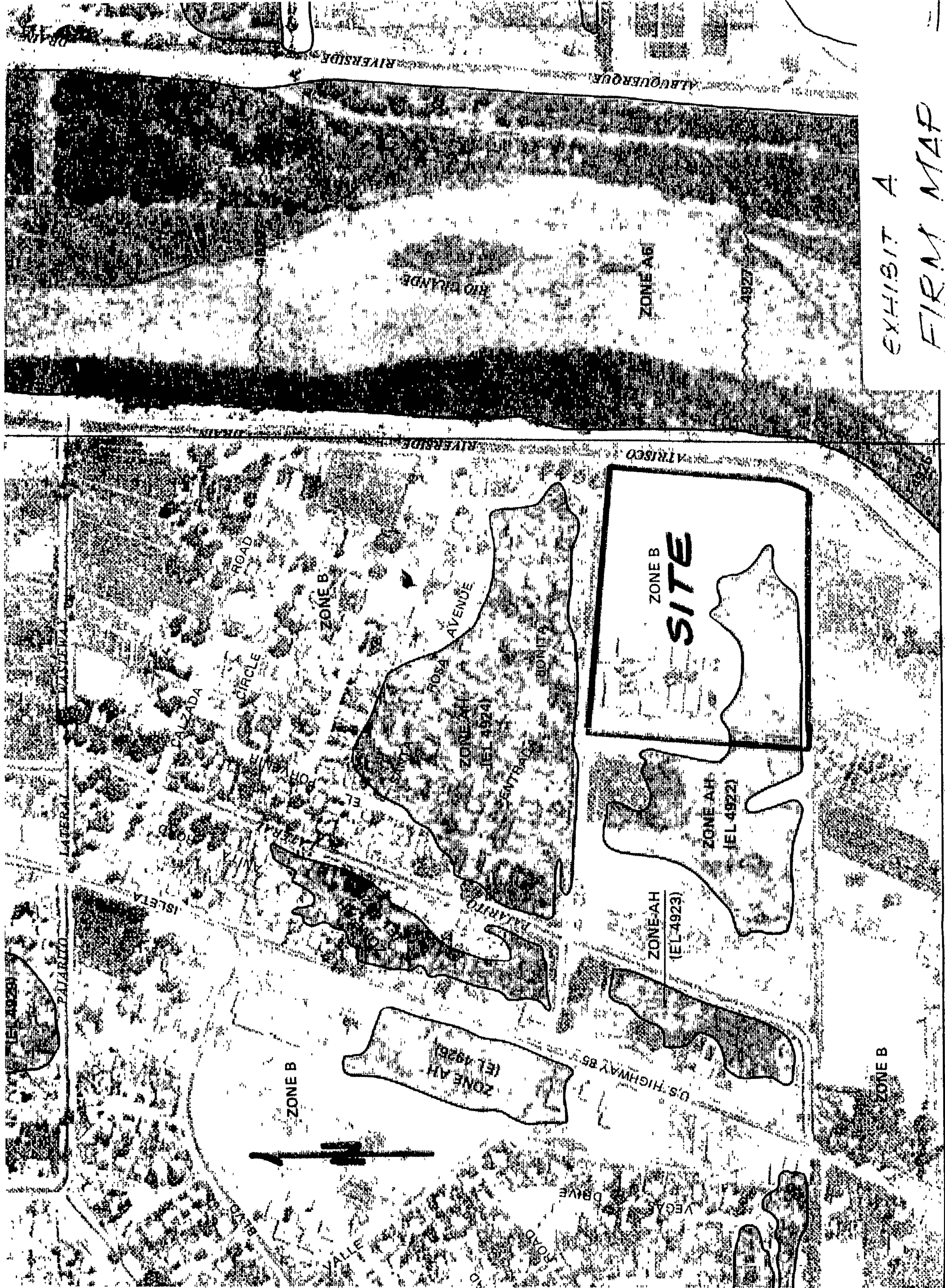
UNIFORM PROPERTY CODE
1-62-033
ORD NO 213

COUNTY ENGINE MAP
1-62-033

APPROVED 12/27/73
COUNTY ENGINEER
COUNTY CLERK

MAP ADDED THROUGH
JANUARY 1980

P-12-Z

[illegible]

Where is
the
School?

