PUBLIC WORKS/HYDROLOGY

H21/D5A

0000 0000 1159

H21/D5A

25×10

0000 0000 1160

City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

July 17, 1992

David Thompson
Wilson & Company
Post Office Box 3548
Albuquerque, New Mexico 87190

RE: REVISED DRAINAGE PLAN FOR AN ADDITION TO ST. BERNADETTE'S CHURCH-RELIGIOUS EDUCATION CENTER (H-21/D5A) ENGINEER'S STAMP DATED JUNE 18, 1992

Dear Mr. Thompson:

Based on the information provided on your submittal of June 26, 1992, the above referenced plan is approved for Building Permit.

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

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

Cordially,

Bernie J. Montoya

Bernie J. Montoya, C.E.
Engineering Assistant

xc: Alan Martinez

FJM/bsj
(WP+596)

PUBLIC WORKS DEPARTMENT
Walter H. Nickerson, Jr., P.E.
Assistant Director Public Works
ENGINEERING GROUP
Telephone (505) 768-2500

25×10

0000 0000 1161

DRAINAGE INFORMATION SHEET

PROJECT TITLE: MULTI-PURPOSE BUILDING ADDITION FOR ST. BERNADETTE CHURCH ZONE ATLAS/DRNG. FILE #: H-21-Z (D-5)

DRB #: _____ EPC #: 2-1652 WORK ORDER #: _____

LEGAL DESCRIPTION: BLOCKS 98 + 99 SNOW HEIGHTS ADDITION

CITY ADDRESS: 1800 MARTHA NE

ENGINEERING FIRM: WILSON + CO. CONTACT: DAVE THOMPSON

ADDRESS: 6611 GULTON CT NE 87109 PHONE: 345-5395

OWNER: ST BERNADETTE CHURCH CONTACT: DAVE SHELDON

ADDRESS: 1800 MARTHA NE 87111 PHONE: 298-7557

ARCHITECT: WILSON + CO CONTACT: RICK GREEN

ADDRESS: 6611 GULTON CT NE 87109 PHONE: 345-5395

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

_____ DRAINAGE REPORT
_____ DRAINAGE PLAN
_____ CONCEPTUAL GRADING & DRAINAGE PLAN
_X_ GRADING PLAN
_____ EROSION CONTROL PLAN
_____ ENGINEER'S CERTIFICATION
_____ OTHER _____

PRE-DESIGN MEETING:

_____ YES
_X_ NO
_____ COPY PROVIDED

DATE SUBMITTED: 6/26/92

BY: DAVE THOMPSON

RECEIVED
JUN 26 1992
HYDROLOGY DIVISION

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

25 × 10

0000 0000 1162

City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 20, 1991

Steve Metro
Wilson & Company
6611 Gulton Court NE
Albuquerque, New Mexico 87109 -

RE: DRAINAGE PLAN FOR AN ADDITION (MULTI PURPOSE BUILDING) FOR ST. BERNADETTE CHURCH (H21-D5A) ENGINEERS STAMP DATED 11/27/91

Dear Mr. Metro:

Based on the information provided on your December 17, 1991 submittal, the above referenced drainage plan is approved for Building Permit.

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

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

Sincerely,

Bernie J. Montoya, CE
Engineering Assistant

BJM/ses/WPHYD3104

25×10

0000 0000 K163

DRAINAGE INFORMATION SHEET

PROJECT TITLE: MULTI-PURPOSE BUILDING ADDITION FOR ST. BERNADETTE CHURCH ZONE ATLAS/DRNG. FILE #: H-21-Z / D5A

DRB #: _____ EPC #: Z-1652 WORK ORDER #: _____

LEGAL DESCRIPTION: BLOCKS 98 + 99 SNOW HEIGHTS ADDITION

CITY ADDRESS: 1800 MARTHA NE

ENGINEERING FIRM: WILSON + CO. CONTACT: DAVE THOMPSON

ADDRESS: 6611 GULTON CT NE ABQ, NM 87109 PHONE: 345-5395

OWNER: ST BERNADETTE CATHOLIC CHURCH CONTACT: DAVE SHELDON

ADDRESS: 1800 MARTHA NE ABQ, NM 87111 PHONE: 298-7557

ARCHITECT: WILSON + CO. CONTACT: RICK GREEN

ADDRESS: 6611 GULTON CT. NE ABQ, NM 87109 PHONE: 345-5395

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

DEC 17 1991

HYDROLOGY DIVISION

TYPE OF SUBMITTAL:

_____ DRAINAGE REPORT
_____ DRAINAGE PLAN
__X__ CONCEPTUAL GRADING & DRAINAGE PLAN
_____ GRADING PLAN
_____ EROSION CONTROL PLAN
_____ ENGINEER'S CERTIFICATION
_____ OTHER _____

PRE-DESIGN MEETING:

_____ YES
__X__ NO
_____ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

____ SKETCH PLAT APPROVAL
____ PRELIMINARY PLAT APPROVAL
____ S. DEV. PLAN FOR SUB'D. APPROVAL
__X__ 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: 12-17-91

BY: Dave Thompson

25 x

0000 0000 1164

FILE COPY

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

MAYOR KEN SCHULTZ
CHIEF ADMINISTRATIVE OFFICER GENE ROMO
DEPUTY CAO PUBLIC SERVICES FRANK MARTINEZ
DEPUTY CAO PLANNING/DEVELOPMENT BILL MUELLER

February 5, 1988

Phil Clark
BFLW Architects & Engineers
2400 Louisiana Boulevard, NE Suite 400
Albuquerque, New Mexico 87110

RE: ADDITION TO ST. BERNADETTE'S CATHOLIC CHURCH (H-21/D5A)
RECEIVED JANUARY 28, 1988

Dear Mr. Clark:

Section 12-B of the Albuquerque Drainage Ordinance specifies that any construction and modifications and/or additions to existing structures constituting over 500 square feet requires a drainage plan. Based on the fact that almost all of the surrounding areas are asphalted or covered with building area. The minimum that we will require is a site plan showing:

1. Finish Floor Elevation of the adjacent existing building and the prepared finish floor elevation to full mean sea level designation.
2. Indicate on the site plan what the direction of the existing runoff is taking.
3. Must be stamped, signed, and dated by a professional engineer.
4. Please include the vicinity map on the site plan drawing.

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

Cordially,

Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj

AN EQUAL OPPORTUNITY EMPLOYER

25×10

0000 0000 1165

BPLW

Architects & Engineers, Inc.

American Financial Center, #5
Suite 400
2400 Louisiana Blvd. NE
Albuquerque, New Mexico 87110
505/881-BPLW

Senior Principals
William L. Burns, AIA
Ronald L. Peters, AIA, APA
Joseph D. Long, AIA, PE
Bill J. Waters, AIA
Richard G. Brown, PE
Donald F. Fletcher, AIA
David A. Penasa, PE, MIES
Richard C. Scott, AIA

Principals
Jack R. Alley, AIA
Roger [illegible]asley, SMPS
John I. Manzanares, AIA
Tyler M. Mason, AIA
Carol L. Meincke, AIA
Vincent A. Meyer, PE
Charlie M. Otero, AIA
Eugene A. Valentine, AIA

January 22, 1988

Mr. Roger Green, P.E.
City Hydrology
P.O. Box 1293
Albuquerque, NM 87103

Roger:

Subject: Waiver on detailed Grading Plan -
St. Bernadette's Catholic Church,
Map [illegible]21
BPLW Project No. 8799

Pursuant to conversations regarding the above project, BPLW Architects and Engineers is requesting a waiver of a detailed grading plan. Our client proposes to construct an approximate 1,000 S.F. building addition to an existing church facility.

Grading of well under an acre and less than 500 yards is designed without paving. Increase of storm run-off is minimal. Discharge location remains the same from the historic.

If any questions, please give me a call. Enclosed are two prints for your department's discretionary "plan in hand" field check.

Sincerely,

Philip W. Clark
Staff Engineer
BPLW ARCHITECTS & ENGINEERS, INC.

mt

25×

0000 0000 1166

DRAINAGE INFORMATION SHEET

PROJECT TITLE: St. Bernadettes Church ZONE ATLAS/DRNG. FILE #: H-21 / D5A

LEGAL DESCRIPTION: —

CITY ADDRESS: 1800 Martha N.E. 87112

ENGINEERING FIRM: BPLW Arch. & Engineers CONTACT: Phil Clark

ADDRESS: 2400 Louisiana NE, Ste. 400 87110 PHONE: 881-2759

OWNER: St. Bernadettes Cath. Church CONTACT: —

ADDRESS: 1800 Martha N.E 87112 PHONE: —

ARCHITECT: BPLW Arch. & Engineers CONTACT: Carol Meinke

ADDRESS: Same as above PHONE: 881-2759

SURVEYOR: N/A CONTACT: —

ADDRESS: N/A PHONE: —

CONTRACTOR: Banes Co. CONTACT: Bruce Ross

ADDRESS: 4322 2nd N.W. PHONE: 344-3461

PRE-DESIGN MEETING:

___ YES

✓ NO

___ COPY OF CONFERENCE RECAP SHEET PROVIDED

RECEIVED
JAN 28 1988
HYDROLOGY SECTION

DRB NO. —

EPC NO. —

PROJ. NO. —

TYPE OF SUBMITTAL:

___ DRAINAGE REPORT

___ DRAINAGE PLAN

___ CONCEPTUAL GRADING & DRAINAGE PLAN

___ GRADING PLAN

___ EROSION CONTROL PLAN

___ ENGINEER'S CERTIFICATION

X waiver on detailed grading plan.

CHECK TYPE OF APPROVAL SOUGHT:

___ SKETCH PLAT APPROVAL

___ PRELIMINARY PLAT APPROVAL

___ SITE DEVELOPMENT PLAN APPROVAL

___ FINAL PLAT APPROVAL

X BUILDING PERMIT APPROVAL

___ FOUNDATION PERMIT APPROVAL

___ CERTIFICATE OF OCCUPANCY APPROVAL

___ ROUGH GRADING PERMIT APPROVAL

___ GRADING/PAVING PERMIT APPROVAL

___ OTHER _____ (SPECIFY)

DATE SUBMITTED: 1-22-88

BY: Philip W. Clark

25×10

0000 0000 1167

BPLW
Architects & Engineers, Inc
American Financial Center #5
Suite 400
2400 Louisiana Blvd NE
Albuquerque, New Mexico 87110
(505) 881-2759

Project ST. BERNADETTE
Subject Hydrology
Project No. 8799 Date 12-3-87 By BJC

☐ Memorandum
☐ Telephone Record
☒ Note to the File
☐ To be Typed
☐ Minutes of Mtg.
☐

I. Existing Conditions

Type 'B' Soil

TOTAL Drainage Basin Area = 7300 SF = 0.17 Ac.

Roof Area = 1942 SF @ C = 0.90
Pavement Area = 690 SF " C = 0.95
gravel/dirt = 4668 SF " C = 0.40
7300 SF ✓

$Q = CiA$

$Q_{100} = 0.5$ cfs

$Q_{10} = 0.3$ cfs

$C_{composite} = 0.59$

$i = P\,6.84\,TC^{-0.51}$

$P = 2.5$" 6hr, 100yr., TC = 10 min.

$i_{100} = 5.28$ "/hr.

II. Proposed Conditions

Same Basin = 0.17 Ac. = 7300 SF

Roof Area = 2842 SF @ C = 0.90
Pavement = 690 SF @ C = 0.95
gravel dirt = 3768 SF @ C = 0.40
7300 SF ✓

C (composite) = 0.65

$Q_{100} = 0.6$ cfs

$Q_{10} = 0.4$ cfs

Copies To:

Page Of

Designing to Shape the Future

25×10

0000 0000 1168

BPLW
Architects & Engineers, Inc
American Financial Center #5
Suite 400
2400 Louisiana Blvd. NE
Albuquerque, New Mexico 87110
(505) 881-2759

Project

Subject

Project No. Date By

☐ Memorandum
☐ Telephone Record
☐ Note to the File
☐ To be Typed
☐ Minutes of Mtg.
☐

III. VOLUMES. – Compute
CN1 = 70 dirt/vegetation
CN = 95 roof/pavement

CN (comp.)
a. existing ⇒ CN = 79
Q = 0.90 ⇒ VOL (100) = .9 (0.17) $\frac{43560}{12}$ = 555 CF
b. developed ⇒ CN = 82

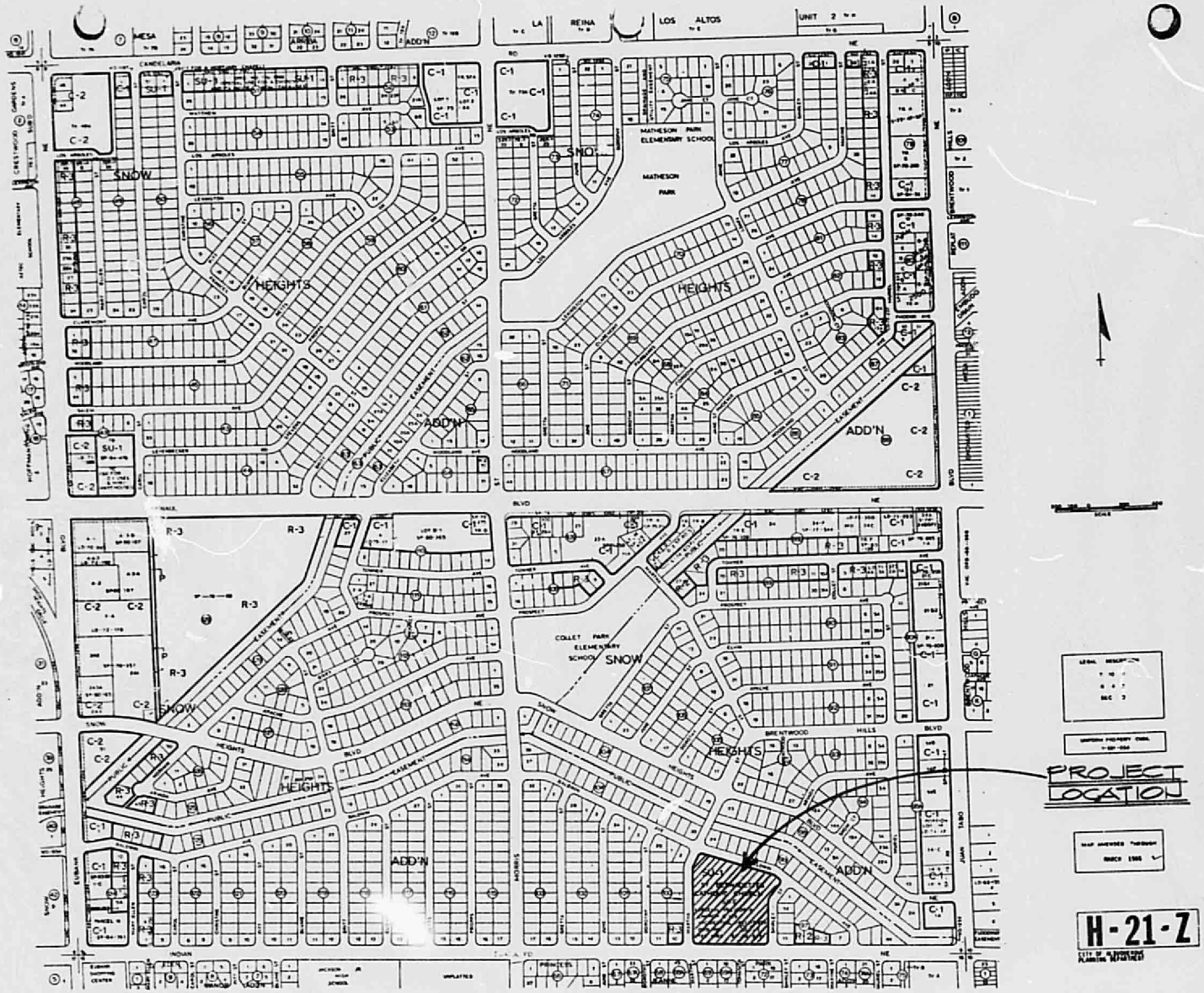
VOL (100) = 0.93 (0.17) $\frac{43560}{12}$
= 574 CF

RESULT : The difference in flows are too insignificant to require a full blown grade/drain plan for building permit –

12-4-87 per discussion w/ Roger Green, City Hydrologist – he agrees w/ the above.
– merely submit to hydrology your topo survey & rough calculations to or ATT: Mr. Bernie Montoya

Copies To: Page Of

25 × 10


MESA
ADD'N
LA REINA
LOS ALTOS
UNIT 2
CANDELARIA
MATHESON PARK ELEMENTARY SCHOOL
MATHESON PARK
SNOW
HEIGHTS
ADD'N
EASEMENT
BLVD
COLLET PARK ELEMENTARY SCHOOL
BRENTWOOD HILLS
PROJECT LOCATION
H-21-Z

0000 0000 1170

PLANS/PLATS ON FILE

FILE DESC: H21/D5A

PLANS/PLATS 4

25×10