



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

October 7, 1993

Jeff Mortensen
Jeff Mortensen & Associates
6010-B Midway Park Blvd. NE
Albuquerque, NM 87109

RE: REVISED GRADING/PAVING PLAN FOR PEDIATRIC HEALTH SERVICES (F21-D25)
REVISION DATED 9/18/93 SHEET 2 OF 2.

Dear Mr. Mortensen:

Based on the information provided on your September 29, 1993 resubmittal, the above referenced site is approved for Grading/Paving.

Please be advised that Engineer Certification per the D.P.M. checklist will be required after completion of project.

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

Sincerely,

Bernie J. Montoya, CE
Engineer Associate

BJM/d1/WPHYD/7823

xc: Alan Martinez
W. Weston Sumner
<File>

PUBLIC WORKS DEPARTMENT



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

June 29, 1993

Jeff Mortensen
Jeff Mortensen & Associates
6010-B Midway Park Blvd. NE
Albuquerque, NM 87109

RE: GRADING/PAVING PLAN FOR PEDIATRIC HEALTH SERVICES (F21-D25)
ENGINEER'S STAMP DATED 6/23/93.

Dear Mr. Mortensen:

Based on the information provided on your June 23, 1993 submittal, listed are some concerns that will need to be addressed prior to Final Approval:

1. The original design for Pediatric Health Services allowed for a detention pond with a 2 1/2" controlled outlet. Your proposed construction overlaps the ponding area. Please address.
2. Please provide me with a copy of the plat that indicates there exists an easement to allow drainage onto Faith Lutheran Church area.
3. I will need an easement for cross lot line drainage from Tracts Z-2-A-1 and Z-2-B.

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

Sincerely,


Bernie J. Montoya, CE
Engineer Associate

BJM/d1/WPHYD/7823

xc: File

PUBLIC WORKS DEPARTMENT

DRAINAGE INFORMATION SHEET

PEDIATRIC HEALTH SERVICES

930461

PROJECT TITLE: _____ ZONE ATLAS/DRNG. FILE #: F 21 / D 25

DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: TRACT Z-2-A-1 & Z-2-B, ACADEMY PLACE

CITY ADDRESS: 10110 SPAIN RD. NE

ENGINEERING FIRM: JEFF MORTENSEN & ASSOC. CONTACT: JEFF MORTENSEN

ADDRESS: 6010-B MIDWAY PARK BLVD NE PHONE: 345-4250

OWNER: W. WESTON SUMNER CONTACT: SAME

ADDRESS: 10110 SPAIN RD NE PHONE: 294-5065

ARCHITECT: N/A CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: JEFF MORTENSEN & ASSOC CONTACT: JEFF MORTENSEN

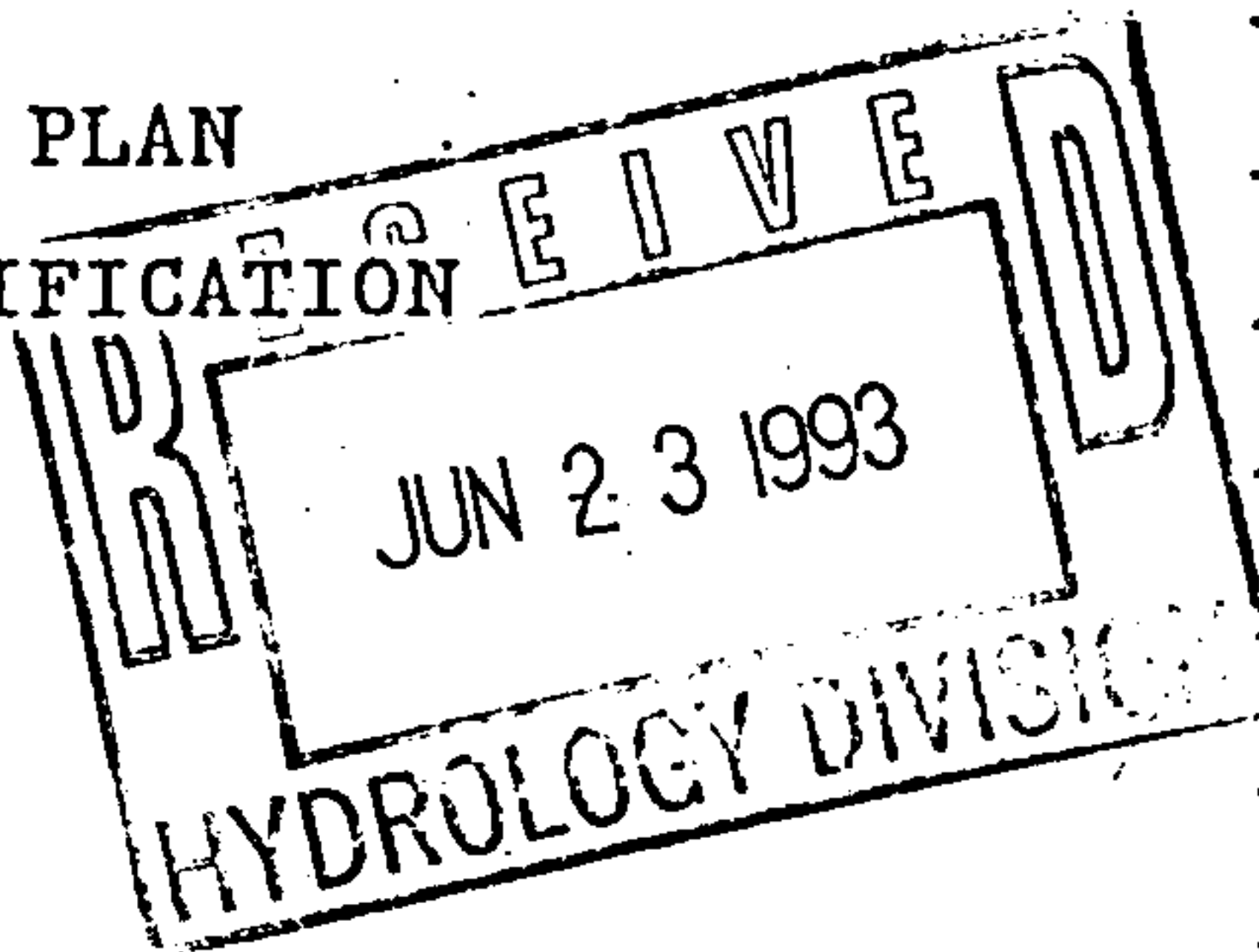
ADDRESS: 6010-B MIDWAY PARK BLVD NE PHONE: 345-4250

CONTRACTOR: NOT SELECTED 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: 06-23-93

BY: JEFFREY G. MORTENSEN

- DENVER, COLORADO
- COLORADO SPRINGS, COLORADO
- ALBUQUERQUE, NEW MEXICO
- KEMMERER, WYOMING

RECEIVED
 NOV 15 1989
HYDROLOGY SECTION

PROJECT FAITH LUTHERAN CHURCH
 JOB NUMBER 0690715 SHEET 1 OF
 CALCULATED BY JJB DATE
 CHECKED BY C. J. DATE 11/14/89

PARKING LOT OUTFALL

RUN DOWN ENTRANCE

ASSUMPTION = TREAT ENTRANCE TO RUN DOWN AS A BROAD-CRESTED WEIR

GIVEN - $Q = 23.3$ cfs FOR TEMPORARY ASPHALT CURB IN PARKING AREA (WORSE CASE)

$L = 80.0'$

$C = 2.7$ (CONSERVATIVE)

$Q = C L H^{3/2}$ FROM "HANDBOOK OF HYDRAULICS" BRATER & KING

$H^{3/2} = 23.3 / (80(2.7))$

$H = 1.05$ SAY $1.0'$

MODIFY CURB TO ACCOMMODATE HEAD REQUIREMENT

RUN DOWN

ULTIMATE CAPACITY CALCD W/ MANNING'S EQUATION

GIVEN - $n = 0.017$

$S = 0.0325$

$r = 5.36$

$P = 9.34$ $r = 2/P$

$r = 0.5739$

$V = \frac{1.486}{0.017} \cdot 5.74^{2/3} \cdot 0.0325^{1/2}$

$V = 6.85$

$Q = V A$

$Q = 36.7 < 25.8 \therefore$ SECTION OKAY

JUN 23 1990

STORMWATER DIVISION

930401

DRAINAGE INFORMATION SHEET

PROJECT TITLE: PEDIATRIC HEALTH SERVICES ZONE ATLAS/DRNG. FILE #: F21/D25

DRB #: _____ EPC #: _____ WORK ORDER #: _____

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CITY ADDRESS: 10110 SPAIN RD. NE

ENGINEERING FIRM: JEFF MORTENSEN & ASSOC. CONTACT: JEFF MORTENSEN

ADDRESS: 6010-B MIDWAY PARK BLVD NE PHONE: 345-4250

OWNER: W. WESTON SUMNER CONTACT: SAME

ADDRESS: 10110 SPAIN RD. NE PHONE: 294-5065

ARCHITECT: N/A CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: JEFF MORTENSEN & ASSOC CONTACT: JEFF MORTENSEN

ADDRESS: 6010-B MIDWAY PARK BLVD NE PHONE: 345-4250

CONTRACTOR: ALBUQUERQUE ASPHALT CONTACT: RANDY PULLIAM

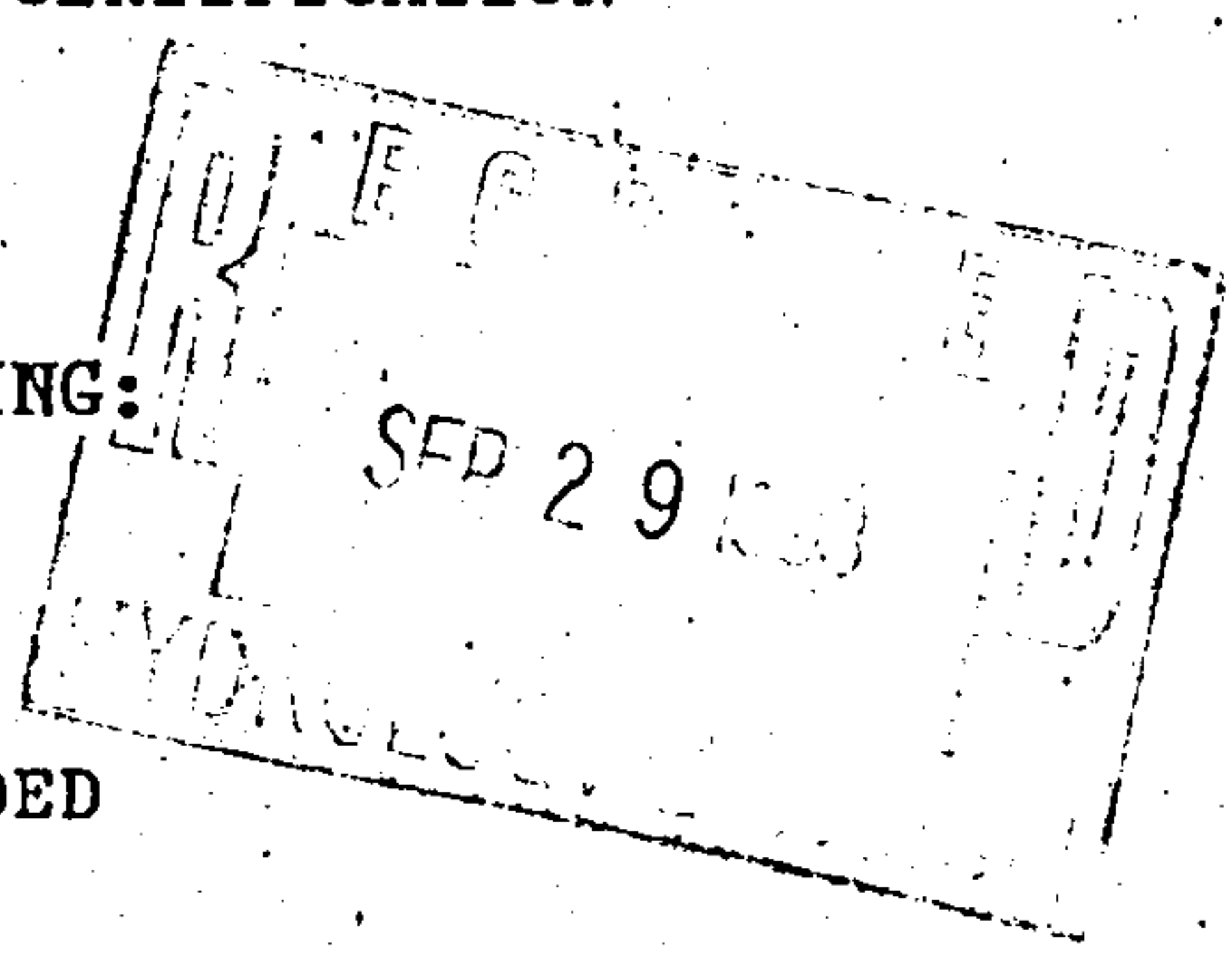
ADDRESS: _____ PHONE: 831-7311

TYPE OF SUBMITTAL:

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- GRADING PERMIT APPROVAL
- PAVING PERMIT APPROVAL
- S.A.D. DRAINAGE REPORT
- DRAINAGE REQUIREMENTS
- OTHER _____ (SPECIFY)

DATE SUBMITTED: 09-29-93

BY: JEFFREY G. MORTENSEN