



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

September 28, 2001

Roni G. Booth, P.E.
ABQ Engineering, Inc.
1631 Eubank Blvd NE
Albuquerque, NM 87112

Attn: Steve Knee

***RE: MESSIAH LUTERAN CHURCH, REPAVING AND ADDITION TO EXISTING
PARKING LOT (J21-D42). GRADING PLAN FOR GRADING PERMIT AND
PAVING PERMIT. ENGINEER'S STAMP DATED September 27, 2001.***

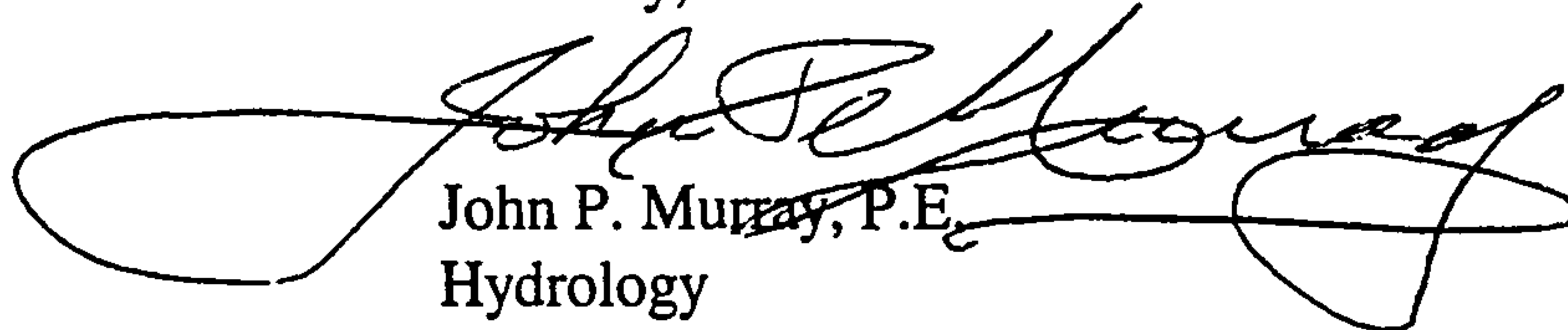
Dear Mr. Vigil:

Based on the information provided on your September 27, 2001 resubmittal, the above referenced project cannot be approved for Grading, and Paving Permits until the revised Site Plan is reviewed and approved by DRB. The Site Plan and G & D Plan must be congruent.

The G & D Plan is in order.

If I can be of further assistance, please feel free to contact me at 924-3984.

Sincerely,


John P. Murray, P.E.
Hydrology

c: Terri Martin
✓ File

DRAINAGE INFORMATION SHEET

R	SEP 27 2001	D
	HYDROLOGY SECTION	

PROJECT TITLE: MESSIAH LUTHERAN Church

DRB #: _____ EPC#: _____

ZONE MAP/DRG. FILE #: 910-22

WORK ORDER#: J-21/D42

LEGAL DESCRIPTION: _____

CITY ADDRESS: 11515 Lomas NE, 87112

ENGINEERING FIRM: ABQ ENGINEERING INC.
 ADDRESS: 1631 EUBANK NE, SUITE C
 CITY, STATE: ALBUQU, NM 87112

CONTACT: STEVE KNEE
 PHONE: 255-7802
 ZIP CODE: _____

OWNER: _____
 ADDRESS: _____
 CITY, STATE: _____

CONTACT: _____
 PHONE: _____
 ZIP CODE: _____

ARCHITECT: _____
 ADDRESS: _____
 CITY, STATE: _____

CONTACT: _____
 PHONE: _____
 ZIP CODE: _____

SURVEYOR: ABQ ENGINEERING INC.
 ADDRESS: _____
 CITY, STATE: _____

CONTACT: _____
 PHONE: _____
 ZIP CODE: _____

CONTRACTOR: _____
 ADDRESS: _____
 CITY, STATE: _____

CONTACT: _____
 PHONE: _____
 ZIP CODE: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☒ GRADING PLAN (RESUBMITTAL)
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION
- ☐ CLOMR/LOMR
- ☐ OTHER

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☐ YES
- ☒ NO
- ☐ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SIA / FINANCIAL GUARANTEE RELEASE
- ☐ 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
- ☐ WORK ORDER APPROVAL
- ☐ OTHER (SPECIFY)

DATE SUBMITTED: 9/27/01 BY: Steve KNEE

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope of the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres.
3. **Drainage Report:** Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or more.

D	HYDROLOGY SECTION	R
	SEP 27 2001	

RECEIVED
SEP 27 2001
PWD/DESIGN REVIEW



City of Albuquerque

P.O. BOX 1293 · ALBUQUERQUE, NEW MEXICO 87103

September 21, 2001

Roni G. Booth, P.E.
ABQ Engineering, Inc.
1631 Eubank Blvd. NE
Albuquerque, NM 87112

***RE: MESSIAH LUTHERAN CHURCH, REPAVING AND ADDITION TO EXISTING
PARKING LOT (J21-D42). GRADING PLAN FOR GRADING PERMIT AND
PAVING PERMIT APPROVALS. ENGINEER'S STAMP DATED AUGUST 15, 2001.***

Dear Mr. Booth:

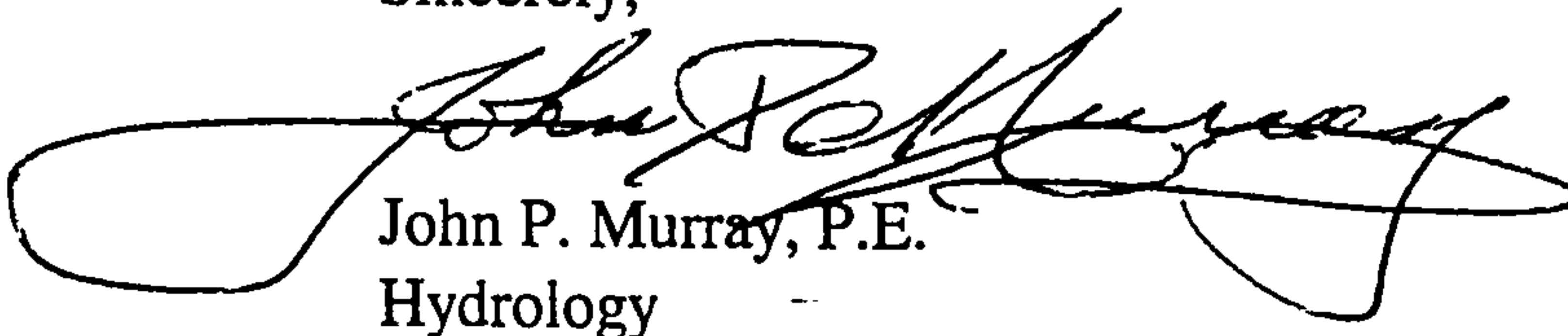
Reference is made to City Hydrology letter dated September 14, 2001.

City Hydrology will require a curb along the west side of the parking lot to insure that storm runoff will not drain to the adjacent lots. The curb should be extended around to the drive pad.

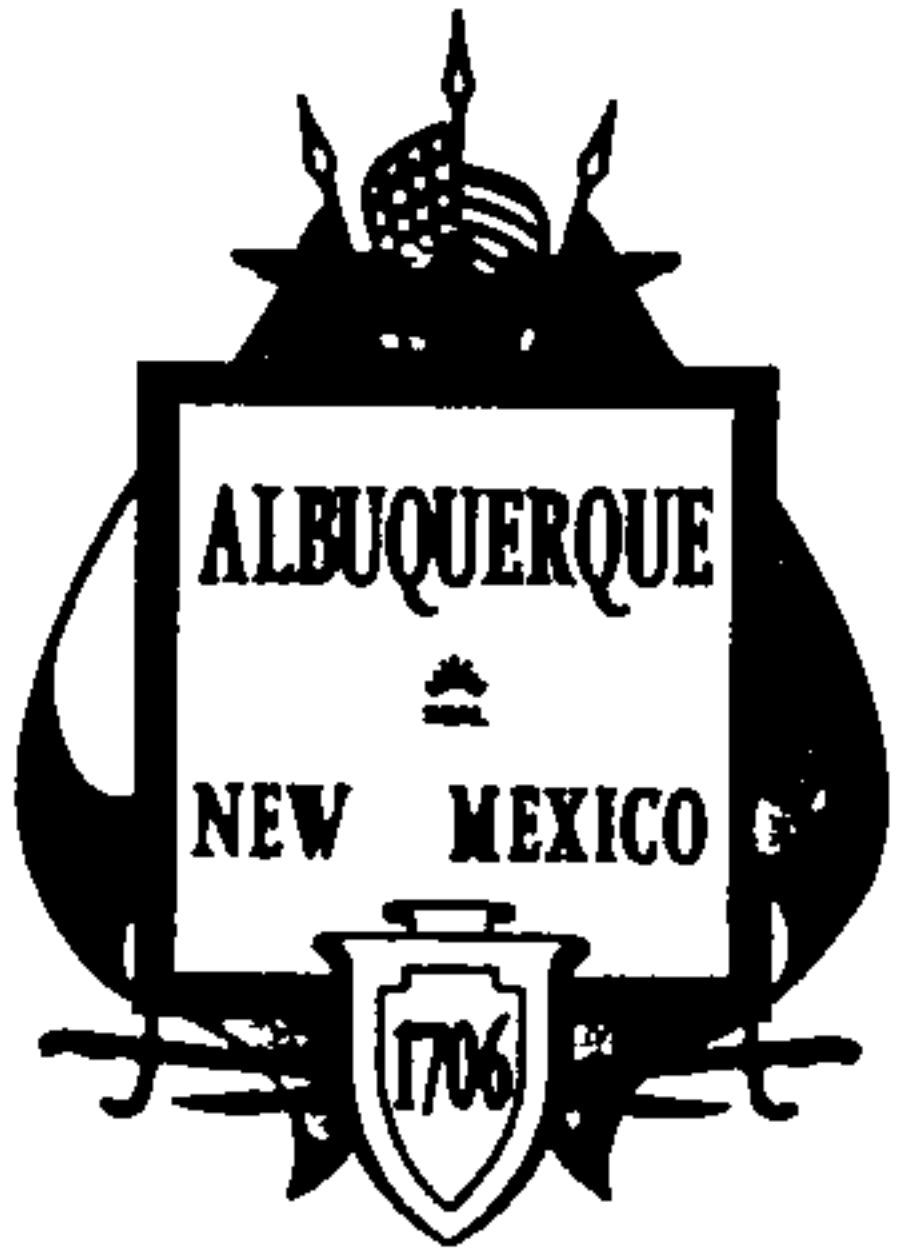
The Church is zoned as Special Use. As such, an amendment to the Site Plan will be required to obtain a Paving Permit. This amendment may be done administratively.

If I can be of further assistance, please feel free to contact me at 924-3984.

Sincerely,


John P. Murray, P.E.
Hydrology

c: Terri Martin
✓ File



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

September 14, 2001

Roni G. Booth, P.E.
ABQ Engineering , Inc.
1631 Eubank Blvd. NE
Albuquerque, NM 87112

***RE: MESSIAH LUTHERAN CHURCH, REPAVING AND ADDITION TO EXISTING
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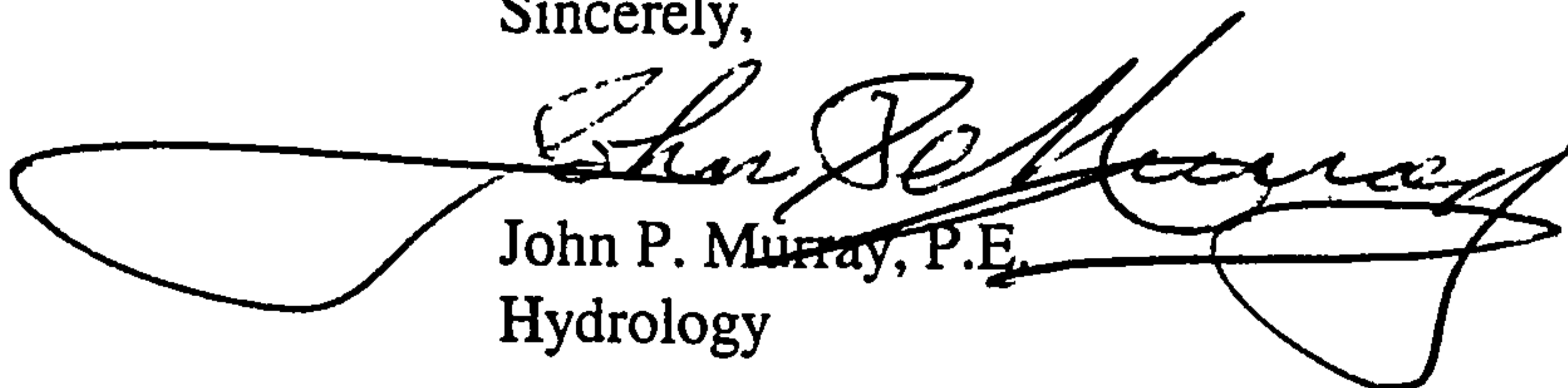
Dear Mr. Booth:

Based on the information provided on your August 16, 2001 submittal, City Hydrology has the following comment:

While the overall plan is in good order, there is a need to clearly show that the storm runoff at the west side of the lot is controlled and will not drain onto the adjacent property. Provide any necessary details.

If I can be of further assistance, please feel free to contact me at 924-3984.

Sincerely,


John P. Murray, P.E.
Hydrology

c: Terri Martin
✓ File

DRAINAGE INFORMATION SHEET

J21/D42

PROJECT TITLE: MESSIAH LUTHERAN PARKING EXPANSION ZONE MAP/DRG. FILE #: 1/K 21
DRB #: _____ EPC#: _____ WORK ORDER#: _____

LEGAL DESCRIPTION: BLOCK ONE (1) MESSIAH LUTHERAN ADDITION
CITY ADDRESS: 11515 LOMAS BLVD NE

ENGINEERING FIRM: ABQ ENGINEERING INC
ADDRESS: 11631 EUBANK NE STE C
CITY, STATE: ALBUQUERQUE NM 87112

CONTACT: STEVE KNEE
PHONE: 255-7802
ZIP CODE: 87112

OWNER: MESSIAH LUTHERAN
ADDRESS: 11515 LOMAS BLVD NE
CITY, STATE: ALBUQUERQUE NM

CONTACT: _____
PHONE: 299-3311
ZIP CODE: 87112

ARCHITECT: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

SURVEYOR: ABQ ENGINEERING INC.
ADDRESS: 11631 EUBANK NE.
CITY, STATE: ALBUQ NM 87112

CONTACT: _____
PHONE: _____
ZIP CODE: _____

CONTRACTOR: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

TYPE OF SUBMITTAL:

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☐ DRAINAGE PLAN
☒ CONCEPTUAL GRADING & DRAINAGE PLAN
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☐ EROSION CONTROL PLAN
☐ ENGINEER'S CERTIFICATION
☐ CLOMR/LOMR
☐ OTHER

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☐ YES
☐ NO
☐ COPY PROVIDED

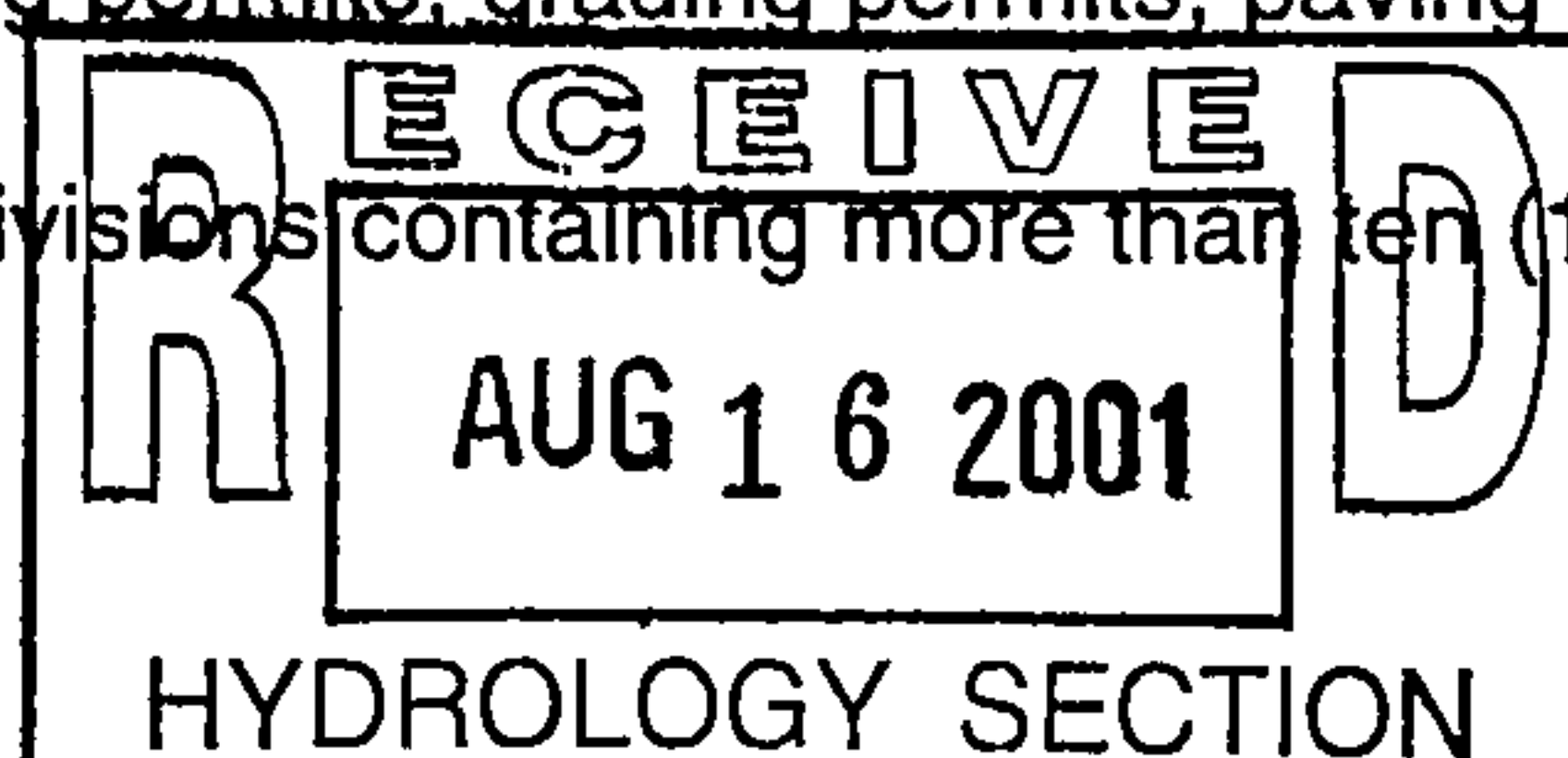
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☐ FOUNDATION PERMIT APPROVAL
☐ BUILDING PERMIT APPROVAL
☒ CERTIFICATE OF OCCUPANCY APPROVAL
☒ GRADING PERMIT APPROVAL
☒ PAVING PERMIT APPROVAL
☐ WORK ORDER APPROVAL
☐ OTHER (SPECIFY)

DATE SUBMITTED: 8/16/01 BY: STEVE KNEE

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope of the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

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3. **Drainage Report:** Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or more.



9/20/01

J21/D42

RE: Stave/KNEE
[Signature]



Hydrology Calculations

DPM - Section 22.2

Volume 2, January 1993

Messiah Lutheran Church

Precipitation Zone

4

100 Year Storm Depth, P (360)

2.9

Treatment Area	A	B	C	D
Excess Precipitation Factors	0.8	1.08	1.46	2.64
Peak Discharge Factors	2.2	2.92	3.73	5.25

Land Treatment Area	Acres	Existing	Proposed
Type "D" (Roof)		0.3	0
Type "C" (Unpaved Roadway)		0	0
Type "B" (Irrigated Lawns)		0	0
Type "A" (Undeveloped)		0.3	0.08
Total (Acres)		0.6	0.08
Excess Precipitation(in)		1.72	0.80
Volume (100), cf		3746.16	232.32
Volume (10),cf		2509.93	155.65
Q (100), cfs		2.24	0.18
Q (10), cfs		1.50	0.12