

960423
036-160-08
O.M.B. No 3067-0077
Expires May 31, 1993

ELEVATION CERTIFICATE
FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

ATTENTION: Use of this certificate does not provide a waiver of the flood insurance purchase requirement. This form is used only to provide elevation information necessary to ensure compliance with applicable community floodplain management ordinances, to determine the proper insurance premium rate, and/or to support a request for a Letter of Map Amendment or Revision (LOMA or LOMR). Instructions for completing this form can be found on the following pages.

SECTION A PROPERTY INFORMATION		FOR INSURANCE COMPANY USE
BUILDING OWNER'S NAME <u>GRACE VALLEY CHRISTIAN CENTER</u>		POLICY NUMBER
STREET ADDRESS (Including Apt., Unit, Suite and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER <u>27173 ROAD 98</u>		COMPANY NAIC NUMBER
OTHER DESCRIPTION (Lot and Block Numbers, etc.)		

CITY <u>DAVIS</u>	STATE <u>CA</u>	ZIP CODE <u>95616</u>
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SECTION B FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Provide the following from the proper FIRM (See Instructions):

1. COMMUNITY NUMBER	2. PANEL NUMBER	3. SUFFIX	4. DATE OF FIRM INDEX	5. FIRM ZONE	6. BASE FLOOD ELEVATION (in AO Zones, use depth)
<u>060423</u>	<u>0575</u>	<u>B</u>	<u>5/17/88</u>	<u>A</u>	<u>NONE AVAILABLE</u>

7. Indicate the elevation datum system used on the FIRM for Base Flood Elevations (BFE): NGVD '29 Other (describe on back)
8. For Zones A or V, where no BFE is provided on the FIRM, and the community has established a BFE for this building site, indicate the community's BFE: 64.5 feet NGVD (or other FIRM datum—see Section B, Item 7).

SECTION C BUILDING ELEVATION INFORMATION

1. Using the Elevation Certificate Instructions, indicate the diagram number from the diagrams found on Pages 5 and 6 that best describes the subject building's reference level 1.
- (a). FIRM Zones A1-A30, AE, AH, and A (with BFE). The top of the reference level floor from the selected diagram is at an elevation of 65.68 feet NGVD (or other FIRM datum—see Section B, Item 7).
- (b). FIRM Zones V1-V30, VE, and V (with BFE). The bottom of the lowest horizontal structural member of the reference level from the selected diagram, is at an elevation of _____ feet NGVD (or other FIRM datum—see Section B, Item 7).
- (c). FIRM Zone A (without BFE). The floor used as the reference level from the selected diagram is 0.5 feet above or below (check one) the highest grade adjacent to the building.
- (d). FIRM Zone AO. The floor used as the reference level from the selected diagram is _____ feet above or below (check one) the highest grade adjacent to the building. If no flood depth number is available, is the building's lowest floor (reference level) elevated in accordance with the community's floodplain management ordinance? Yes No Unknown
3. Indicate the elevation datum system used in determining the above reference level elevations: NGVD '29 Other (describe under Comments on Page 2). (NOTE: If the elevation datum used in measuring the elevations is different than that used on the FIRM [see Section B, Item 7], then convert the elevations to the datum system used on the FIRM and show the conversion equation under Comments on Page 2.)
4. Elevation reference mark used appears on FIRM: Yes No (See Instructions on Page 4)
5. The reference level elevation is based on: actual construction construction drawings (NOTE: Use of construction drawings is only valid if the building does not yet have the reference level floor in place, in which case this certificate will only be valid for the building during the course of construction. A post-construction Elevation Certificate will be required once construction is complete.)
6. The elevation of the lowest grade immediately adjacent to the building is: _____ feet NGVD (or other FIRM datum—see Section B, Item 7).

SECTION D COMMUNITY INFORMATION

1. If the community official responsible for verifying building elevations specifies that the reference level indicated in Section C, Item 1 is not the "lowest floor" as defined in the community's floodplain management ordinance, the elevation of the building's "lowest floor" as defined by the ordinance is: _____ feet NGVD (or other FIRM datum—see Section B, Item 7).
2. Date of the start of construction or substantial improvement: _____

FIRST BAPTIST CHURCH

DRAINAGE STUDY

NOVEMBER 1995

PREPARED FOR:

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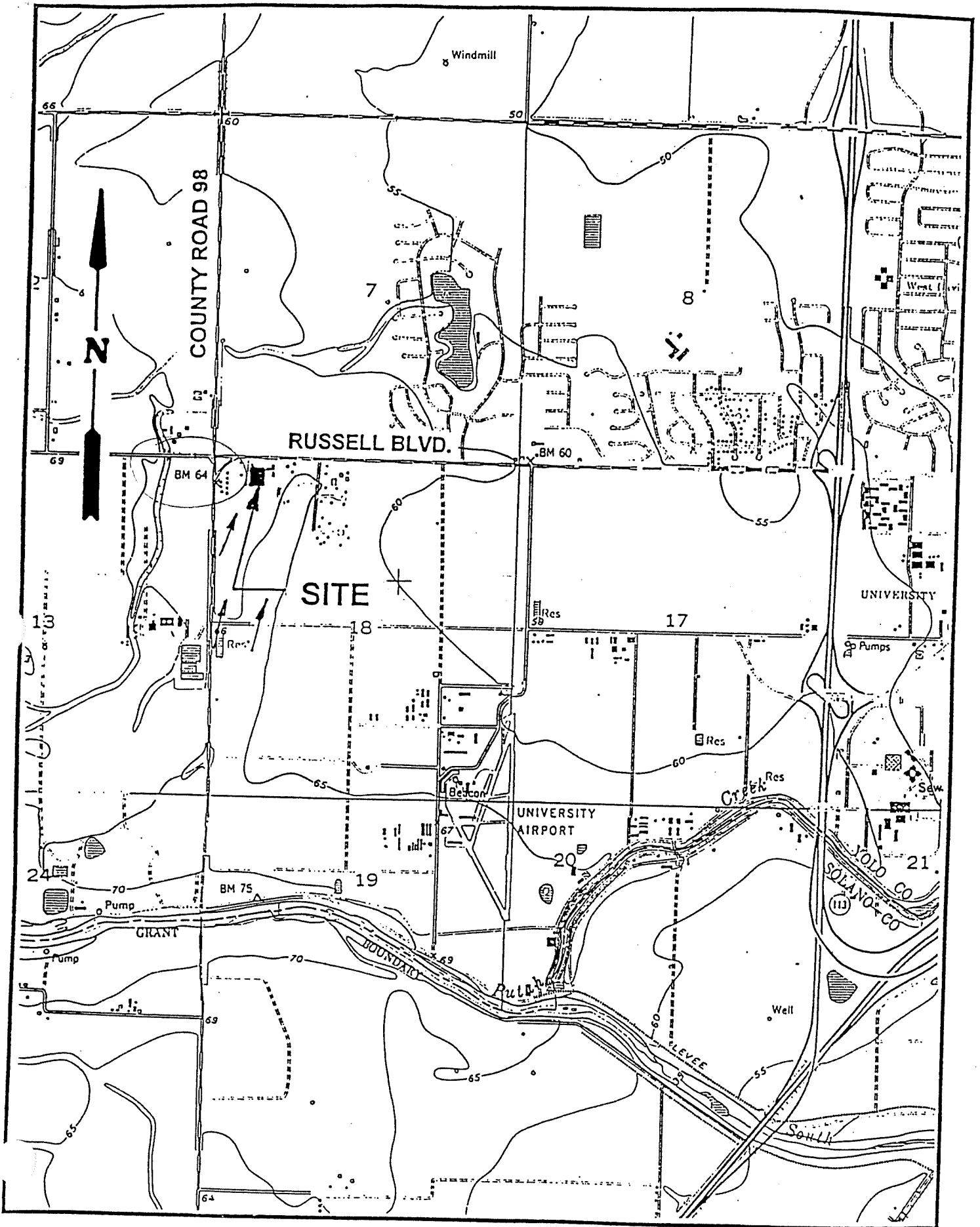
FIRST BAPTIST CHURCH**100-YEAR FLOOD ELEVATION**

The purpose of this study is to determine a 100-year flood elevation for the First Baptist Church on Russell Boulevard in Davis, California using existing data. Presently, no area-wide drainage study has been done for this area which establishes a 100-year flood elevation. The "Covell Drainage System Comprehensive Drainage Plan" by Borcalli and Associates shows the church site as being outside the 100-year flood boundary but specifies it as being in an area where the general extent of flooding is undetermined.

The area around the site slopes to the Northeast. The flow of storm water would come from the South and go over the site to Russell Boulevard. Russell Boulevard would act as a restriction to the flow. Water would back up south of Russell and sheet flow over Russell to the Northeast. Therefore, using Russell Boulevard as the constraint, the centerline elevation of Russell Boulevard would establish the 100-year flood elevation. Additionally, the water backing up south of Russell Boulevard would flow east along the southside of Russell Boulevard.

The centerline elevation of Russell Boulevard is 63.0 feet for approximately 500 feet in this area. Assuming sheet flow over the centerline of Russell in this area during a 100-year storm, the 100-year flood elevation at Russell would be approximately 63.3 feet.

Therefore, the 100-year storm would result in a water surface of 63.8 feet on the project site. The new Yolo County Ordinance No. 1143 requires all new construction to be one foot above 100-year flood elevation. Thus, all new buildings constructed on site should have the finish floor at or above elevation 64.8 feet. This is based on a localized study. If an area-wide drainage study is conducted, this elevation should be adjusted as needed to conform to the new drainage study.



FIRST BAPTIST CHURCH - FLOW MAP

SCALE: 1" = 2000'