

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

FLOODPROOFING CERTIFICATE
FOR NON-RESIDENTIAL STRUCTURES

The floodproofing of non-residential buildings may be permitted as an alternative to elevating to or above the Base Flood Elevation; however, a floodproofing design certification is required. This form is to be used for that certification. Floodproofing of a residential building does not alter a community's floodplain management elevation requirements or affect the insurance rating unless the community has been issued an exception by FEMA to allow floodproofed residential basements. The permitting of a floodproofed residential basement requires a separate certification specifying that the design complies with the local floodplain management ordinance.

Northern Arizona University
BUILDING OWNER'S NAME
575 Pine Knoll Drive E
STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER

FOR INSURANCE COMPANY USE
POLICY NUMBER
COMPANY NAIC NUMBER

OTHER DESCRIPTION (Lot and Block Numbers, etc.)
Flag staff
CITY

STATE ZIP CODE
AZ 86001

SECTION I FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Provide the following from the proper FIRM:

COMMUNITY NUMBER	PANEL NUMBER	SUFFIX	DATE OF FIRM INDEX	FIRM ZONE	BASE FLOOD ELEVATION (In AO Zones, Use Depth)
<u>040020</u>	<u>0012</u>	<u>B</u>	<u>08/02/1996</u> <u>1-19-1993</u>	<u>AE</u>	<u>6891</u>

SECTION II FLOODPROOFING INFORMATION (By a Registered Professional Engineer or Architect)

Floodproofing Design Elevation Information:

Building is floodproofed to an elevation of 6893.5 feet NGVD. (Elevation datum used must be the same as that on the FIRM.)

Height of floodproofing on the building above the lowest adjacent grade is 11.75 feet.

(NOTE: for insurance rating purposes, the building's floodproofed design elevation must be at least one foot above the Base Flood Elevation to receive rating credit. If the building is floodproofed only to the Base Flood Elevation, then the building's insurance rating will result in a higher premium.)

SECTION III CERTIFICATION (By Registered Professional Engineer or Architect)

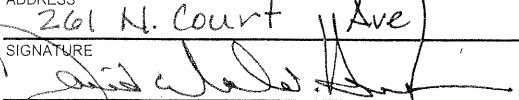
Non-Residential Floodproofed Construction Certification:

I certify that, based upon development and/or review of structural design, specifications, and plans for construction, the design and methods of construction are in accordance with accepted standards of practice for meeting the following provisions:

The structure, together with attendant utilities and sanitary facilities, is watertight to the floodproofed design elevation indicated above, with walls that are substantially impermeable to the passage of water.

All structural components are capable of resisting hydrostatic and hydrodynamic flood forces, including the effects of buoyancy, and anticipated debris impact forces.

I certify that the information on this certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

CERTIFIER'S NAME <u>David Wald Hopkins</u>	LICENSE NUMBER (or Affix Seal) <u>23817</u>
TITLE <u>Principal</u>	COMPANY NAME <u>Burns Wald Hopkins Architects</u>
ADDRESS <u>261 N. Court Ave</u>	CITY STATE ZIP CODE <u>Tucson AZ 85701</u>
SIGNATURE 	DATE PHONE <u>5.10.05 (520) 795-2705</u>

Copies should be made of this Certificate for: 1) community official, 2) insurance agent/company, and 3) building owner.