

DRY FLOODPROOFING CERTIFICATE FOR NON-RESIDENTIAL STRUCTURES

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General: This information is provided pursuant to Public Law 96-511 (the Paperwork Reduction Act of 1980, as amended), dated December 11, 1980, to allow the public to participate more fully and meaningfully in the Federal paperwork review process.

Authority: Public Law 96-511, amended; 44 U.S.C. 3507; and 5 CFR 1320.

PRIVACY ACT STATEMENT

Authority: Title 44 CFR § 60.3, 61.7 and 61.8.

Principal Purpose(s): This information is being collected for the primary purpose of estimating the risk premium rates necessary to provide flood insurance for new or substantially improved structures in designated Special Flood Hazard Areas.

Routine Use(s): The information on this form may be disclosed as generally permitted under 5 U.S.C. § 552a(b) of the Privacy Act of 1974, as amended. This includes using this information as necessary and authorized by the routine uses published in DHS/FEMA-003 – National Flood Insurance Program Files System or Records Notice 79 Fed. Reg. 28747 (May 19, 2014), and upon written request, written consent, by agreement, or as required by law.

Disclosure: The disclosure of information on this form is voluntary; however, failure to provide the information requested may result in the inability to obtain flood insurance through the National Flood Insurance Program or being subject to higher premium rates for flood insurance. Information will only be released as permitted by law.

PURPOSE OF THE DRY FLOODPROOFING CERTIFICATE FOR NON-RESIDENTIAL STRUCTURES

Under the National Flood Insurance Program (NFIP), the dry floodproofing of non-residential buildings may be permitted as an alternative to elevating to or above the Base Flood Elevation (BFE) or for certain flood zones, the natural Highest Adjacent Grade (HAG). A dry floodproofing design certification is required for non-residential structures that are dry floodproofed and the dry floodproofed non-residential portions of mixed-use buildings. This form is to be used for that certification. FEMA Form 206-FY-21-122 NFIP Residential Basement Floodproofing Certificate is required for the residential portions of mixed-use buildings.

A dry floodproofed building is a building that has been designed and constructed to be watertight (substantially impermeable to floodwaters) below the BFE and with structural components having the capability of resisting hydrostatic and hydrodynamic loads and effects of buoyancy. Before a dry floodproofed building is designed, numerous planning considerations, including flood warning time, uses of the building, mode of entry to and exit from the building and the site in general, floodwater velocities, flood depths, debris impact potential, flood frequency, and any other State and local requirements must be addressed to ensure that dry floodproofing will be a viable floodplain management measure.

The minimum NFIP requirement is to dry floodproof a building to the BFE. However, to be in compliance with the requirements of American Society of Civil Engineers (ASCE) 24, *Flood Resistant Design and Construction*, one foot is subtracted from the dry floodproofed elevation. Therefore, a building must be dry floodproofed to one foot above the BFE to be considered for floodproofing credit. For B, C, D, or X flood zones, the building's dry floodproofed design elevation must be at least two feet above the natural HAG to be considered for floodproofing credit.

Additional guidance can be found in FEMA Publication 936, *Floodproofing Non-Residential Buildings* (2013), and NFIP Technical Bulletin 3, *Requirements for the Design and Certification of Dry Floodproofed Non-Residential and Mixed-Use Buildings* (2021), available on FEMA's Building Science Resource Library website at www.fema.gov/ar/emergency-managers/risk-management/building-science/publications.

Copy all pages of this Dry Floodproofing Certificate and all attachments for 1) community official, 2) insurance agent/company, and 3) building owner. The dry floodproofing of non-residential buildings and the non-residential portions of mixed-use buildings may be permitted as an alternative to elevating to or above the Base Flood Elevation (BFE); however, a dry floodproofing design certification is required. This form is to be used for that certification. Dry 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 dry floodproofed residential basements. The permitting of a dry floodproofed residential basement requires a separate certification specifying that the design complies with the local floodplain management ordinance.

PROPERTY INFORMATION

Building Owner's Name: First Baptist Church
 Building Street Address (Including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.:
4141 Pontchartrain Drive
 City: Slidell State: La ZIP Code: 70458
 Property Description (e.g., Lot and Block Numbers, or Legal Description) and/or Tax Parcel Number:
Parcel J Section 44 T-9-S R-14-E
 Building Use (e.g., Non-Residential, Mixed Use, Addition, Accessory, etc.): Restrooms
 Latitude/Longitude: Lat. 30 14' 56.15" N Long. 89 47' 46.98" W
 Horizontal Datum: NAD 1927 NAD 1983 WGS 84

FOR INSURANCE COMPANY USE
 Policy Number:

 Company NAIC Number:

SECTION I – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

NFIP Community Name: Slidell St Tammany Parish NFIP Community Identification Number: 220204
 County Name: St. Tammany Parish State: LA Map/Panel Number: 220204 0010 Suffix: C
 FIRM Index Date: 09/23/1999 FIRM Panel Effective/Revised Date: 09/23/1999 Flood Zone(s): AE
 BFE(s) (Zone AO, use Base Flood Depth (BFD)): 9'
 Indicate the source of the BFE data or BFD entered above: Flood Insurance Study (FIS) FIRM
 Community Determined Other: _____
 Indicate elevation datum used for BFE shown above: NGVD 1929 NAVD 1988 Other/Source: _____
 Is a Limit of Moderate Wave Action (LiMWA) shown on the FIRM? Yes No
 If Yes, is the property located in the Coastal A Zone [area between the LiMWA and Zone V boundary (or shoreline)]? Yes No
 Is the property located in a floodway? Yes No If Yes, provide the velocity at the building location: _____
 Is the property located in an alluvial fan? Yes No
 If Yes, provide the depth at the building location: _____ and velocity: _____

SECTION II – DRY FLOODPROOFED DESIGN CERTIFICATION

(By a Registered Professional Engineer or Architect licensed in the State where the building is located)

(Note: For insurance rating purposes in all zones except for B, C, D, or X, the building's dry floodproofed design elevation must be at least one foot above the BFE to be considered for floodproofing credit. For B, C, D, or X Zones, the building's dry floodproofed design elevation must be at least two feet above the natural HAG to be considered for floodproofing credit. If the building is not dry floodproofed to the above-mentioned standards, then the building will be ineligible for floodproofing credit. See the Instructions section for information on documentation that must accompany this certificate if being submitted for flood insurance rating purposes.)

Briefly list measures incorporated into the design to meet the performance criteria for dry floodproofing and attach calculations showing the structure is designed with structural components that have the capability of resisting hydrostatic and hydrodynamic loads and the effects of buoyancy and will be watertight and substantially impermeable to the passage of water.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.: <u>4141 Pontchartrain drive</u>	FOR INSURANCE COMPANY USE
City: <u>Slidell</u> State: <u>La</u> <input checked="" type="checkbox"/> ZIP Code: <u>70458</u>	Policy Number: _____ Company NAIC Number: _____

SECTION III – DRY FLOODPROOFED ELEVATION CERTIFICATION
(By a Registered Professional Land Surveyor, Engineer or Architect licensed in the State where the building is located)

Benchmark Utilized: Nail in Road Vertical Datum: _____

Indicate elevation datum used for the elevations provided in this section:
 NGVD 1929 NAVD 1988 Other/Source: _____

Elevation datum used for building elevations must be the same as that used for the BFE. Conversion factor used? Yes No
 If Yes, describe the source of the conversion factor in the Comments area of this section.

A. Dry floodproofed elevation (must be based on finished construction): 11 feet meters

B. Lowest Adjacent Grade (LAG) next to the building: Natural Finished 8.4 feet meters

C. Natural Highest Adjacent Grade (HAG) next to the building: 8.4 feet meters

Height of floodproofing on the building above the natural or finished LAG is 11 feet.
 (In Puerto Rico only: _____ meters.)

(Note: For insurance rating purposes in all eligible zones inside the SFHA, the building's dry floodproofed design elevation must be at least one foot above the BFE to be considered for floodproofing credit. For B, C, D, or X Zones, the building's dry floodproofed design elevation must be at least two feet above the natural HAG. If the building is not dry floodproofed to the above-mentioned standards, then the building will not be considered for floodproofing credit. See the Instructions section for information on documentation that must accompany this certificate if being submitted for flood insurance rating purposes.)

Non-Residential Dry Floodproofed Elevation Information Certification:

Section III certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information.

I certify that the information in Section III on this Certificate represents a true and accurate interpretation and determination by the undersigned using the available information and data. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

Certifier's Name: Brian Mistich License Number (or Affix Seal): 30187

Title: Chief Engineer Company Name: Dammon Engineering

Mailing Address: 554 Old Spanish Trail

City: Slidell State: LA ZIP Code: 70458

Phone #1: 985-649-5832 Ext.: _____ Phone #2: _____ Ext.: _____

Email: Info@dammonengineering.com



Place Seal Here

Signature: Brian Mistich Date: 08-05-24

Comments (including source of conversion factor and description of any attachments):

FOR INSURANCE COMPANY USE

Policy Number: _____

Company NAIC Number: _____

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.:

City: _____ State: ZIP Code: _____

SECTION IV – DRY FLOODPROOFED CONSTRUCTION CERTIFICATION
(By a Registered Professional Engineer or Architect licensed in the State where the building is located)

Non-Residential Dry Floodproofed Construction Certification:

I certify the structure, based upon development and/or review of the design, specifications, as-built drawings for construction and physical inspection, has been designed and constructed in accordance with the accepted standards of practice (ASCE 24-05, ASCE 24-14 or their equivalent) and any alterations also meet those standards and the following provisions.

- *The structure, together with attendant utilities and sanitary facilities is watertight to the dry floodproofed design elevation indicated above, is substantially impermeable to the passage of water, and shall perform in accordance with the 44 Code of Federal Regulations (44 CFR 60.3(c)(3)).*
- *All structural components are capable of resisting hydrostatic and hydrodynamic flood forces, including the effects of buoyancy, and anticipated debris impact forces up to the dry floodproofed design elevation.*
- *The floodproofed elevation is in accordance with the design and any alteration(s) to the design.*
- *Flood damage-resistant materials have been incorporated/used in all areas where seepage would collect inside the dry floodproofed areas up to at least 4 inches above the floor.*

I certify that the information in Section IV on this certificate represents a true and accurate determination by the undersigned using the available information and data. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

Certifier's Name: Brian Mistich License Number (or Affix Seal): 30187

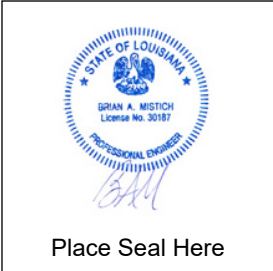
Title: Chief Engineer Company Name: Dammon Engineering

Mailing Address: 554 Old Spanish Trail

City: Slidell State: LA ZIP Code: 70458

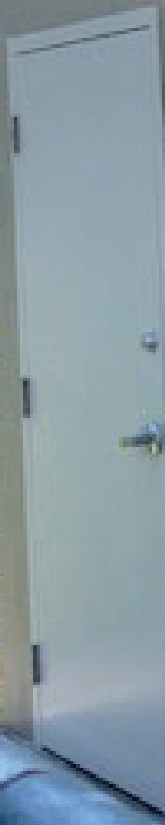
Phone #1: 985-640-7891 Ext.: _____ Phone #2: _____ Ext.: _____

Email: Info@dammonengineering.com



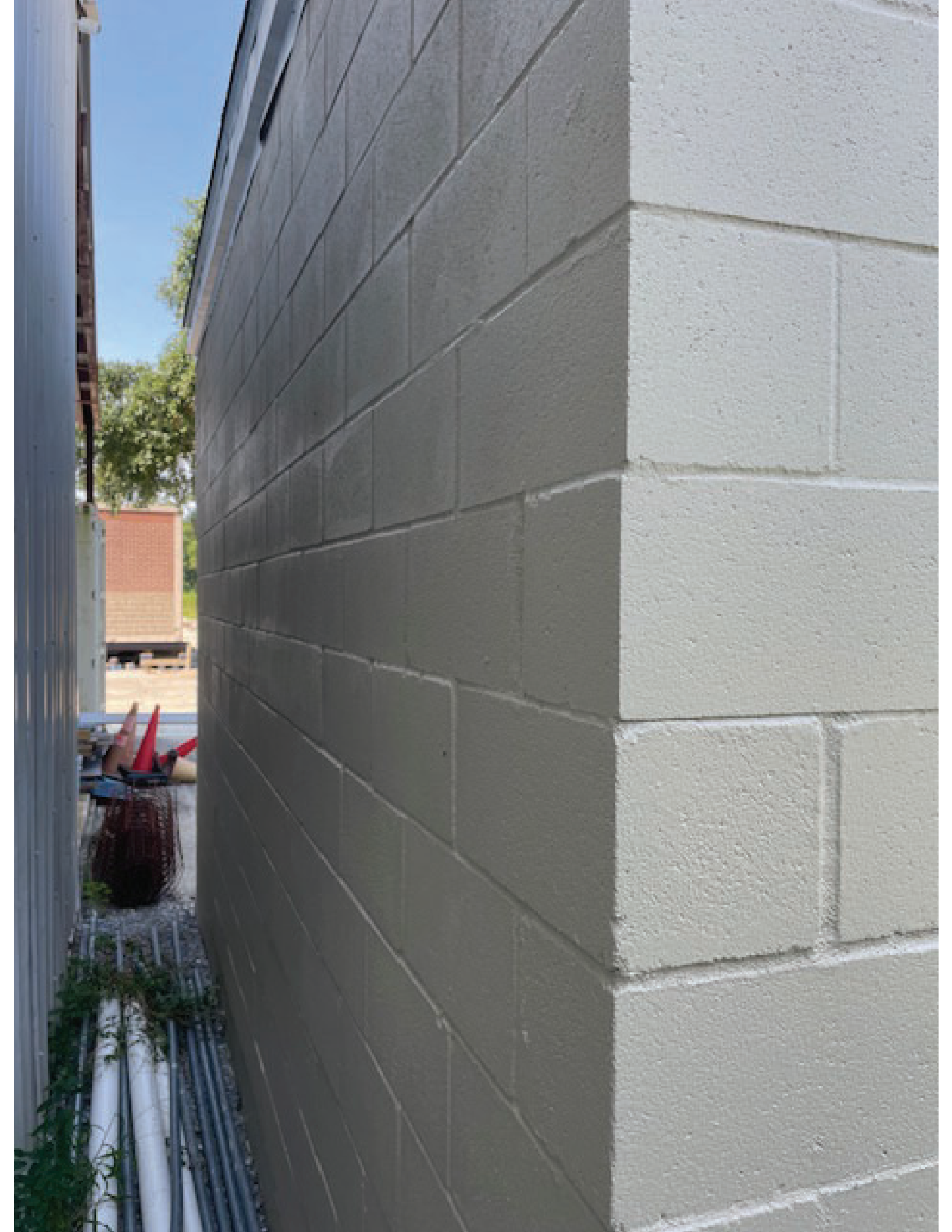
Signature: Brian Mistich Date: 08-05-24

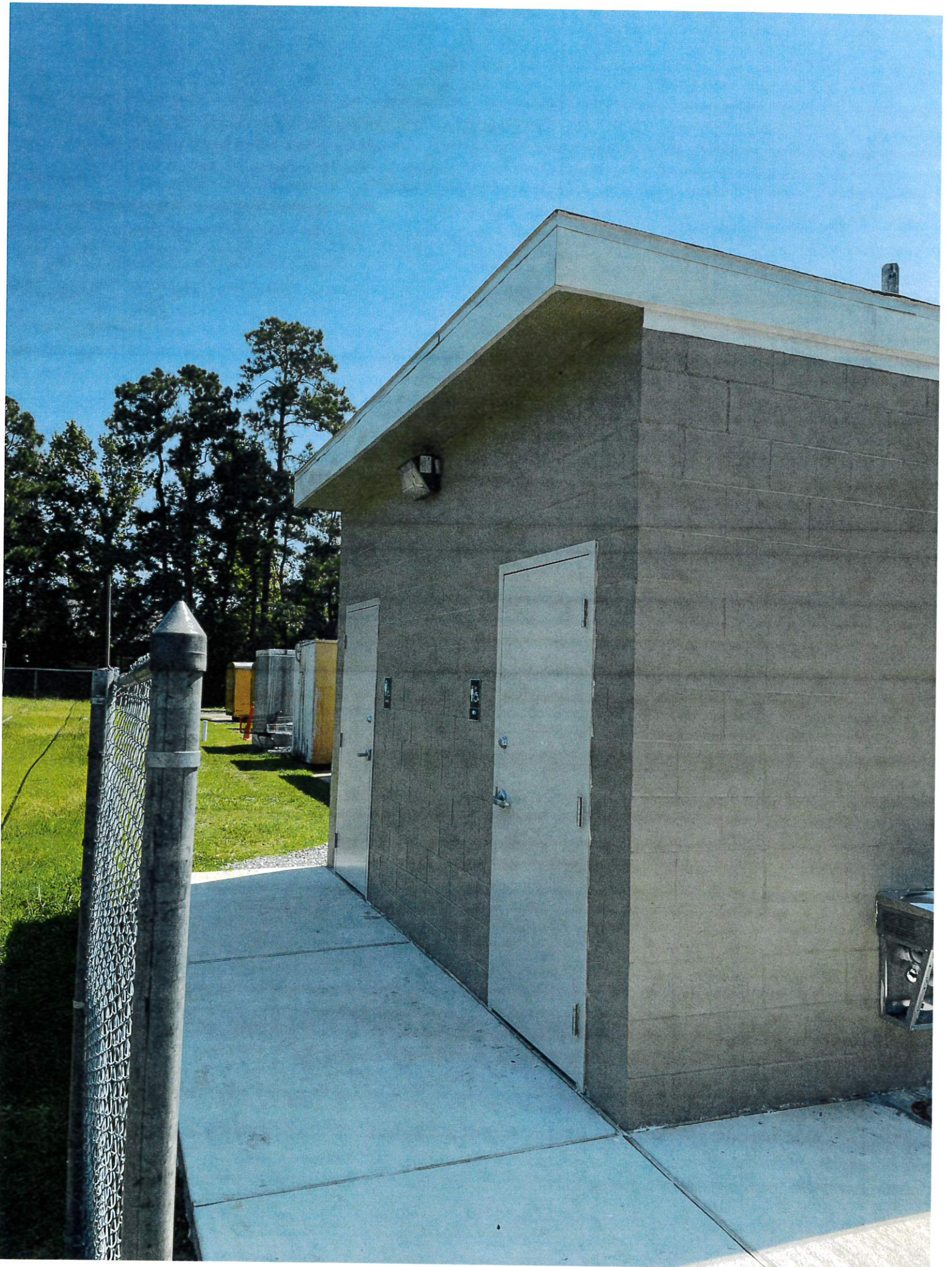
**Copy all pages of this Dry Floodproofing Certificate and all attachments for:
1) community official, 2) insurance agent/company, and 3) building owner.**







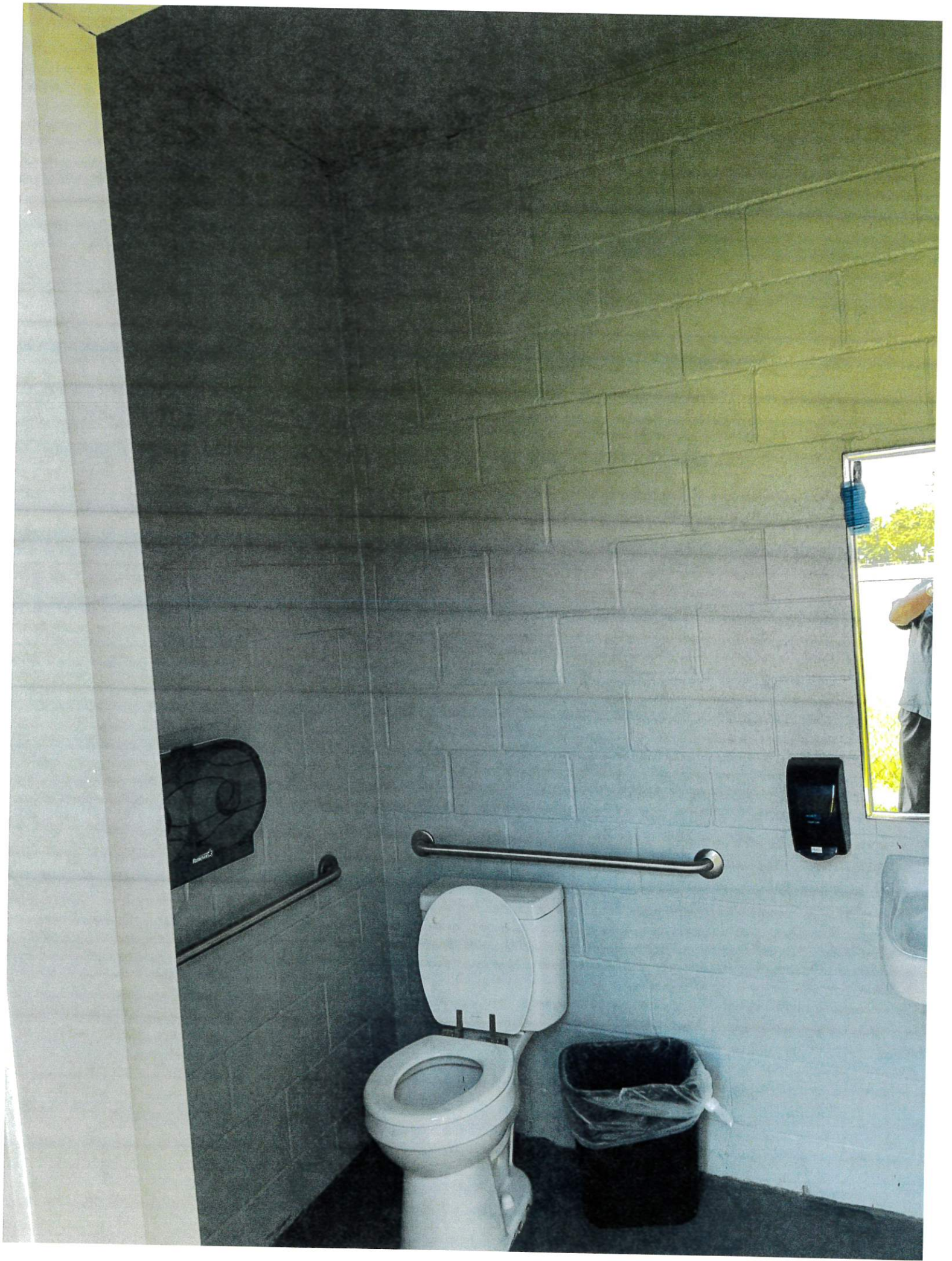














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