APPENDICES
FLOODPLAIN DEVELOPMENT PERMIT/APPLICATION

Application # ____________________________ Date ____________________________

TO THE ADMINISTRATOR: The undersigned hereby makes application for a permit to develop in a floodplain. The work to be performed, including flood protection works, is as described below and in attachments hereto. The undersigned agrees that all such work shall be done in accordance with the requirements of the Floodplain Management Ordinance and with all other applicable county/city ordinances and the laws and regulations of the State of NEBRASKA.

Owner or Agent ____________________________ Date ____________________________ Builder ____________________________ Date ____________________________
Address ____________________________________________________________
Telephone ____________________________ Phone ____________________________

SITE DATA
1. Location: ____________________________ ¼; __ ¼; _____ Section _____; Range _____; Township _____
   Street Address ____________________________________________________________
2. Type of Development: Filling _______ Grading _______ Excavation _______ Min Improvmt _______
   Routine Maint _______ Substantial Improvmt _______ New Const _______ Other _______
3. Description of Development: ____________________________________________________________
   Principal use ____________________________________________________________
   Accessory uses (storage, parking, etc.) ____________________________________________
5. Value of Improvement (fair market) $_______ Pre-Improvement/Assessed value of structure $_______
6. Property located in a designated FLOODWAY? Yes _______ No _______
   IF ANSWERED YES, CERTIFICATION MUST BE PROVIDED PRIOR TO THE ISSUANCE OF A PERMIT TO DEVELOP THAT PROPOSED DEVELOPMENT WILL RESULT IN NO INCREASE IN THE BASE FLOOD (100-YEAR) ELEVATION.
7. Property located in a designated FLOODPLAIN FRINGE? Yes _______ No _______
8. Elevation of the 100-year flood (ID source) ______________ MSL/NGVD
9. Elevation of the proposed development site ______________ MSL/NGVD
10. Elevation/floodproofing requirement ______________ MSL/NGVD
11. Other floodplain elevation information (ID and describe source)
12. Other permits required? Corps of Engineers 404 Permit: Yes _______ No _______
   Other ________________________________________________________________

____ALL provisions of Ordinance ________, Floodplain Management Ordinance shall be in compliance.

PERMIT APPROVAL/DENIAL
Plans and Specifications Approved/Denied this ________, Day of ________, 20_____
Signature of Developer/Owner ____________________________ Authorization Official ____________________________
Print Name and Title ____________________________ Print Name and Title ____________________________

THIS PERMIT IS ISSUED WITH THE CONDITION THAT THE LOWEST FLOOR (INCLUDING BASEMENT) OF ANY NEW OR SUBSTANTIALLY-IMPROVED RESIDENTIAL STRUCTURE WILL BE ELEVATED AT LEAST ONE (1) FOOT ABOVE THE BASE FLOOD ELEVATION. IF THE PROPOSED DEVELOPMENT IS A NON-RESIDENTIAL STRUCTURE, THIS PERMIT IS ISSUED WITH THE CONDITION THAT THE LOWEST FLOOR (INCLUDING BASEMENT) OF ANY NEW OR SUBSTANTIALLY-IMPROVED NON-RESIDENTIAL STRUCTURE WILL BE ELEVATED OR FLOODPROOFED AT LEAST ONE (1) FOOT ABOVE THE BASE FLOOD ELEVATION.

THIS PERMIT IS ISSUED WITH THE CONDITION THAT THE DEVELOPER/OWNER WILL PROVIDE CERTIFICATION BY A REGISTERED ENGINEER, ARCHITECT, OR LAND SURVEYOR OF THE "AS-BUILT" LOWEST FLOOR ELEVATION OF ANY NEW OR SUBSTANTIALLY-IMPROVED STRUCTURE COVERED BY THE PERMIT.

[Nebraska 12/99]
FLOODPLAIN MANAGER'S REVIEW CHECKLIST

COMMUNITY ORDINANCE REQUIREMENTS

_____ Proposed development is consistent with:

Community Zoning: Yes _____ No _____

Special Regulations governing site: Yes _____ No _____

_____ Variances:

_____ Floodplain Case Number ____________ Date Issued _______

_____ Zoning Case Number ____________ Date Issued _______

_____ Proposed development complies with exception granted to community

_____ Is the proposed development within a historical district or on a historical site or building?

FLOODPLAIN REGULATIONS

_____ Compared proposed development to all existing flood information, the NFIP maps and record map amendments, and attendant study profiles

_____ Meets the NFIP development standards: Yes _____ No _____

_____ Alteration or relocation of watercourse: Yes _____ No _____

Affected communities: ____________________________________________

_______________________________________________________________

Notification Made: _____________________________________________

_____ FEMA Region notified of proposed development: Yes _____ No _____

Contact Person: ____________________________________________ Date: ____________

_____ Conditional NFIP Letter of Map Revision (CLOMR) required: Yes _____ No _____

_____ Official NFIP Letter of Map Amendment (LOMA) required: Yes _____ No _____

_____ Official NFIP Letter of Map Revision (LOMR) required: Yes _____ No _____

BUILDING INFORMATION

_____ Residential Structure: Elevated Yes _____ No _____

*Height to which a structure is Elevated: ____________

_____ Commercial Structure: Elevated Yes _____ No _____ Floodproofed Yes _____ No _____

*Height to which a structure is Elevated: ____________ Floodproofed: ____________

_____ Industrial Structure: Elevated Yes _____ No _____ Floodproofed Yes _____ No _____

*Height to which a structure is Elevated: ____________ Floodproofed: ____________

_____ Auxiliary/Accessory

_____ Other [Specify] __________________________________________ ____________

_____ Type of foundation system proposed:

_____ Special anchoring requirements: __________________________________________
ENGINEERING DATA

Required ______ Submitted ______ Hydrologic and hydraulic calculations
Required ______ Submitted ______ Loading calculations and methods of construction
Required ______ Submitted ______ Alternative designs for meeting minimum opening requirements
Required ______ Submitted ______ Design and methods of construction for break-away walls

PERMIT INFORMATION

_______ Development Permit Application submitted:  Yes _____ No _____
_______ Other permits required:
_______ Federal: ____________________________
_______ State: ______________________________
_______ Community:

[Have applicant provide copy, if already obtained or when permits are available]

_______ Other reviews required:
_______ Public Works  _______ Community Engineer
_______ Planning and Zoning  _______ Highway Department
_______ Building Review  _______ Other: ________________________________

TECHNICAL CERTIFICATIONS

_______ NFIP Elevation Certificate:  Provided _____ Not Required ______
_______ NFIP Floodproofing Certificate:  Provided _____ Not Required ______
_______ Enclosures below Base Flood Elevation (BFE):  Provided _____ Not Required ______
_______ "No-Rise" Certification:  Provided _____ Not Required ______

PERMIT ISSUANCE

Permit Issued: __________________________________________
Permit Conditions: _______________________________________

Issued by: _____________________________________________

[signature of authorizing official required]

FEE(S)

Permit Application: ___________________________________
Plan Review: _________________________________________
Inspections: __________________________________________

Additional Fees [Specify]:

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<th>Type</th>
<th>Amount</th>
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[07/17/97]
COMPONENTS SUGGESTED TO ASSIST THE FLOODPLAIN MANAGER IN LEARNING THE COMMUNITY’S FLOODPLAIN CHARACTERISTICS

Learn what floodplain resource information is available
- Perform a detailed search of all existing flood information, including any recent flooding events
- Obtain copies of all panels of the NFIP maps and attendant study profiles
- Obtain copies of any resources: studies, maps, plans
- Keep records of any changes
- Review any map amendments that may have occurred subsequent to the map’s publication date
-Flooding history of community
  ♦ Dates and trends
  ♦ Extent of damage
    0 How many buildings were substantially-damaged?
    0 How many were residential? Commercial?
    0 How many were elevated?
    0 How may less damaged structures were mitigated?
    0 Have any of the structures/properties been acquired by the community?
    0 Are any structural flood mitigation projects planned?
    0 Are any non-structural flood mitigation projects planned?

Know the community’s statistics
- Total population (census data or updates)
- Population located in special flood hazard areas (100-year floodplain)
- Number of structures in special flood hazard areas (100-year floodplain)
  ♦ 1-4 family structures
  ♦ Multiple family structures
  ♦ Other structures
    0 Commercial
    0 Industrial
- Number of Permits issued for new structures or substantial improvements in the special flood hazard area (100-year floodplain)
- Total number of flood variances granted/issued
  ♦ Type of floodplain management standards varied
    0 Base Flood Elevations (BFEs)
    0 Floodway standards
    0 Basement standards
    0 Others [explain]
- Have there been any changes to the community’s territorial or extra-territorial boundaries since the effective date of the last map revision?
- Have there been any bridges or culverts constructed since the last map revision?
Become familiar with the physical characteristics of the floodplain area within your community

- Take pictures or obtain aerial photos for future reference
- Does the community’s Flood Insurance Study (FIS) or floodplain maps need revision?
  - Additional area to be included
  - Deletion of area in floodplain

Get acquainted with the floodplain managers of adjacent communities, counties, state, and federal agencies

Establish the community’s floodplain management reference tools

- Collect any existing information delineating any channel and floodplain cross sections
- Identification or establishment of elevation reference marks
- Physical dimensions of hydraulic structures
- Various stream data: flow data, gage data, flooding heights, flood histories, basin patterns, discharge rates and patterns, bridges or other structures with the stream bed

Have your local officials been educated in the basic aspects of floodplain management concepts
GENERAL GUIDANCE FOR UNNUMBERED A ZONES

In dealing with Flood Hazard Boundary Maps (FHBM) and Flood Insurance Rate Maps (FIRM), floodplain areas designated simply as "Zone A" may be shown. The floodplain map (FHBM or FIRM) for the community shows these floodplain areas without any assigned base flood (1% chance any year) elevations.

The lack of elevations on the floodplain map does not remove the requirement for elevating structures. The community is required under their adopted ordinance to obtain, review, and reasonably use any base flood elevation (BFE), flooding, or floodway data available from a Federal, State or other source. All new construction and substantial-improvements of residential structures are required to have their lowest floor (including basements) elevated to or above the BFE and nonresidential structures (including basements) must be elevated or floodproofed to that elevation.

The sources provided below are some ideas for developing your community's BFE information:

1) The Federal Emergency Management Agency's (FEMA) guide Managing Floodplain Development in Approximate Zone A Areas [FEMA publication 265 (July 1995)]. This guide is primarily intended to assist local community officials in administering and enforcing the floodplain management requirements of the NFIP. This manual provides guidance for determining base flood elevations in floodplain areas.

2) Contour interpolation can be used if the criteria established in the Approximate Zone A Areas guide are met.

3) Preliminary, draft, or final Flood Insurance Studies for your community or adjacent communities.

4) Other sources of flood information are:
   - U.S. Army Corps of Engineers District Office
   - U.S.D.A Soil Conservation Service
   - U.S. Geological Survey
   - State agencies (State NFIP Coordinating Agency, Department of Transportation, Natural Resources, Emergency Management, Division of Water Resources, etc.)
   - Local sources (Department of Public Works, Street/Bridge Department, Planning and Zoning, etc.)
   - Historical data such as high water marks
   - Private engineering firms through contracted survey work
General Guidance for Unnumbered A Zones

Base flood elevations and floodway data are required for all subdivision proposals and other proposed new developments greater than 50 lots or five acres, whichever is less. In these cases, the developer is required to perform an engineering study to provide BFEs and floodway information. This is routinely considered the best available information.

It should be noted that post-FIRM structures using an estimated BFE and elevating at or above the BFE qualifies the structure for a substantial savings in flood insurance premiums. Also remember that final, as-built elevation certificates are required for all new floodplain developments and should be kept with the floodplain development permit.

When a BFE cannot be determined through any of the sources of information listed above, you should consult with your State NFIP Coordinating Agency or FEMA Region VII Office in Kansas City, Missouri to review the sources contacted and determine an alternate process for establishing a BFE.

THIS GUIDANCE IS INCLUDED FOR REFERENCE ONLY AND DOES NOT TAKE THE PLACE OF FEMA 265 - MANAGING FLOODPLAIN DEVELOPMENT IN APPROXIMATE ZONE A AREAS.