

Iowa Homeland Security & Emergency Management
7900 Hickman Rd, Ste 500
Windsor Heights, IA 50324

**Iowa Flood Mitigation Program (FMP)
Flood Recovery Project Application**

What is the Flood Recovery Fund?

A Flood Recovery Fund is established in the state treasury under the control of the Flood Mitigation Board to provide funding to eligible political subdivisions of the state to implement flood response, flood recovery, or flood mitigation projects.

Eligibility:

- 1) An eligible applicant is a political subdivision of the state located in a county designated under presidential disaster declaration DR-4421-IA and also located in a county where the federal emergency management agency individual assistance program has been activated.
- 2) Eligible projects must support flood response, flood recovery, or flood mitigation. Eligible project types include construction and reconstruction of levees, embankments, impounding reservoirs, conduits or other means that are necessary for the protection from the effects of floodwaters and may include the deepening, widening, alteration, change, diversion, or other improvement of watercourses if necessary for the protection of such property from the effects of flood waters. A project may consist of one or more phases of construction or reconstruction that are contracted for separately if the larger project, of which the project is a part, otherwise meets the requirements of this subrule.

Application Process:

This application is designed to capture the necessary information to meet program requirements.

- 1) Description of the project and how the project supports flood response, flood recovery, or flood mitigation activities.
- 2) Description of financial assistance need through the Flood Recovery Fund.
- 3) Description of the necessary expense or serious need of the political subdivision.
- 4) Details on any additional funds to be applied to the project.

Flood Mitigation Board Process:

- 1) Review the application.
- 2) Approve, defer, or deny the application.

**Iowa Flood Mitigation Program (FMP)
Flood Recovery Project Application**

I. Applicant Information

A. Applicant/Community Name	B. Address		City, State, Zip Code
City of Harlan	PO Box 650		Harlan, IA 51537

C. Point of Contact (POC) Name for Project	POC Title	POC Agency	POC Email
Jane Smith	City Clerk	City of Harlan	jsmith@cityofharlan.com

POC PO Box and Zip Code	POC Street Address	POC City, State, Zip Code	POC Phone
PO Box 650	711 Durant St,	Harlan, IA 51537	712-755-5137

Alternate POC Name or Authorized Representative	Alt POC Title	Alt POC Agency	Alternate POC Email
Gene Gettys	City Administrator	City of Harlan	ggettys@cityofharlan.com

Alt POC PO Box and Zip Code	Alt POC Street Address	Alt POC City, State, Zip Code	Alt POC Phone
PO Box 650	711 Durant St.	Harlan, IA 51537	712-755-5137

D. Federal Tax ID # / FEIN	E. County Name	F. US Congressional District(s)	State Legislative Districts	
			Senate	House
	Shelby	4	9	18

G. Is the Applicant/Community participating in the National Flood Insurance Program (NFIP)?	Community's CID Number
Yes	190248A

II. Project Cost Information

A. Identify the requested funding source:

Permanent Work

B. Project Budget Summary

Pre-Construction: Final Engineering & Design, Permitting, Easement/Acquisition, Surveys, EHP	\$	112,000.00
Construction	\$	638,000.00
Total Project Budget Summary	\$	750,000.00

C. Project Funding Source

Identify all anticipated funding sources for the project and the amounts.
 State that you have applied for and/or received approved federal, state and/or local financial assistance.

Please insert additional rows as needed.

Identify source	Applied/ Received	Federal \$	State \$	Local \$	TOTAL
Flood Recovery Fund			\$ 637,500.00		\$ 637,500.00
City of Harlan				\$ 112,500.00	\$ 112,500.00
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
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					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
Total Project Funding Source		\$ -	\$ 637,500.00	\$ 112,500.00	\$ 750,000.00

III. Project Plan Summary

A. Provide a brief description of the project and how the project supported flood response or will support future flood recovery and flood mitigation activities. This is a summary of Tab B - Project Plan.

Construct an Earthen Berm for protection of the In-Town Lift Station which conveys 95% of the sanitary sewer collection system to the wastewater treatment plant located south and east of the City. This includes several components that combined would mitigate potential flooding of the facility by both a 100-year and 500-year flooding event. If the In-Town Lift Station were to experience flooding to that proportion, the majority of the City of Harlan would be without sanitary sewer service which could result in a potential health hazard.

B. Provide a brief description of the financial assistance need through the Flood Recovery Fund.

Due to the scope of the In-Town Lift Station project and financial impact, the City of Harlan is seeking assistance to complete the project.

C. Explain how financial assistance through the Flood Recovery Fund is essential to meet the necessary expenses or serious needs of the applicant related to flood response, flood recovery, and flood mitigation.

The Flood Recovery Fund is essential for the City of Harlan to take on this project, providing flood protection for this critical asset.

D. Provide details of any additional funds that can be applied to the project.

The City of Harlan would like to contribute up to 15% of the project cost, as a partner to see this project completed.

E . Description of Project Location (i.e. Latitude and Longitude (minimum 6 digits after the decimal), Neighborhood, Subdivision, Geographic Boundaries, Driving Directions, etc.)

Latitude: 41.643499 Longitude: -95.318339 Subdivision: Andersen Subdivision

IV. Work Schedule

A. List the major milestones for this project.

Task	Months/Years from Award			Responsible Party
	Start	Complete		
Notice of Grant Award	1	1		HSEMD
Final Engineering & Design	2	3		City of Harlan
Permitting, Surveying, Easements	4	5		City of Harlan
Construction Procurement & Contracting	6	7		City of Harlan
Construction	8	11		City of Harlan
Project Acceptance	12	13		City of Harlan
Project Closeout	14	15		City of Harlan and HSEMD
Total Project Duration:	15 Months			

V. Certifications

To the best of my knowledge and belief, I certify that all data in this application packet is complete, true and correct. The governing body of the applicant has duly authorized this document and hereby applies for assistance as documented in this application. The applicant understands that the project shall not proceed until Flood Mitigation Board approval is granted.

Signature of the Chief Executive Officer
Mike Kolbe
Name of the Chief Executive Officer
Mayor
Title
City of Harlan
Organization
Date
712-579-0298
Phone Number

Signature of the Authorized Representative
Gene Gettys
Name of Authorized Representative
City Administrator
Title
City of Harlan
Organization
Date
PO Box 650; 711 Durant St.
PO Box / Street Address
Harlan, IA 51537
City, State and Zip Code
712-755-5137
Phone Number
ggettys@cityofharlan.com
Email Address



Tomb, Carol <carol.tomb@iowa.gov>

Harlan Flood Protection Mitigation Project

1 message

Todd Penisten <tpenisten@v-k.net>

Fri, Feb 7, 2020 at 3:16 PM

To: "Tomb, Carol" <carol.tomb@iowa.gov>

Cc: Steve Kenkel <skenkel@cityofharlan.com>, Gene Gettys <ggettys@cityofharlan.com>, Jane Smith <jsmith@cityofharlan.com>

Hello Carol,

Per our phone conversation today I have revised the cost estimate for the Harlan project.

PRE-AWARD COSTS

<u>Item</u>	<u>Description</u>	<u>Cost</u>
Engineering Design	Design of plans and specifications for flood mitigation project.	\$50,000
	Construction Services	Onsite review of construction activities, process partial pay estimates, perform final review of project.
	\$62,000	—
Total Pre-Award Costs		\$112,000

CONSTRUCTION COSTS

<u>Item</u>	<u>Description</u>	<u>Cost</u>
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<u>Item</u>	<u>Description</u>	<u>Cost</u>
Mobilization	Equipment mobilization, bonds and insurance costs.	\$50,000
Utility Avenue Modification	Raise portion of roadway to elevation 1197	\$55,000
Earthen Berm Construction	Construct earthen berm along east, south and west sides of facility. Existing berm on north side of facility would be utilized.	\$363,000
Stormwater Pump Station	Provide and install permanent storm water pumping station pump internal stormwater out of interior area of earthen berm.	\$50,000
	Stormwater Pump Station control panel and instrumentation.	\$30,000
	Stormwater Pump Station Wet Well Manhole	\$10,000
Sluice Gate Installation	Install 60-inch sluice gate on existing storm sewer pipe, east side of Utility Avenue.	\$25,000
Site Utility Work	Relocate existing underground utilities to allow for construction of earthen berm.	\$55,000
		-
	Total Construction Costs	\$638,000
	Total Project Cost	\$750,000

Let me know if you have any questions.

Thanks,

Todd

Todd W. Penisten, P.E.

Senior Project Manager

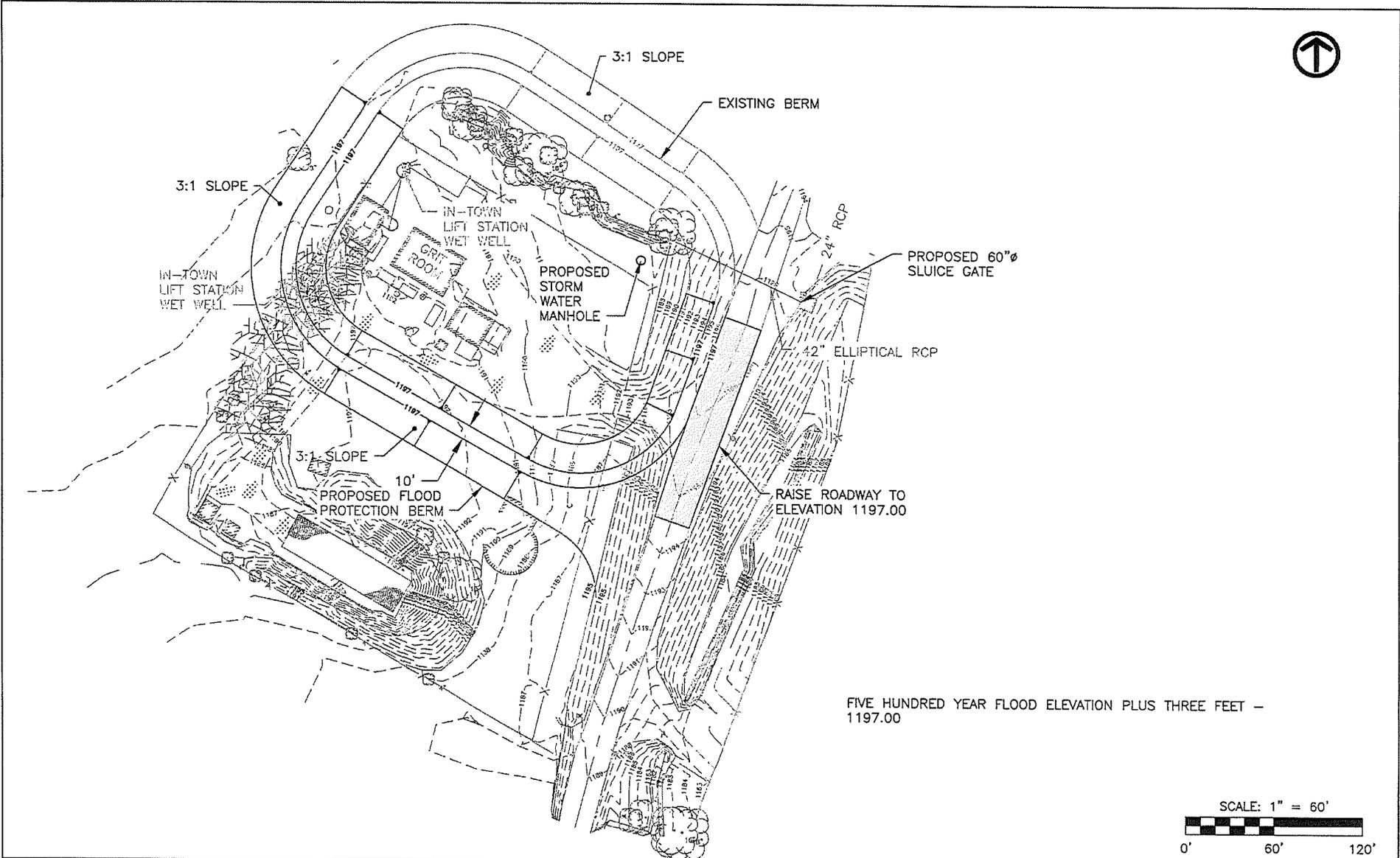
Veenstra & Kimm, Inc.

[3000 Westown Parkway](#)

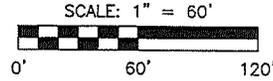
[West Des Moines, Iowa 50266](#)

515-225-8000

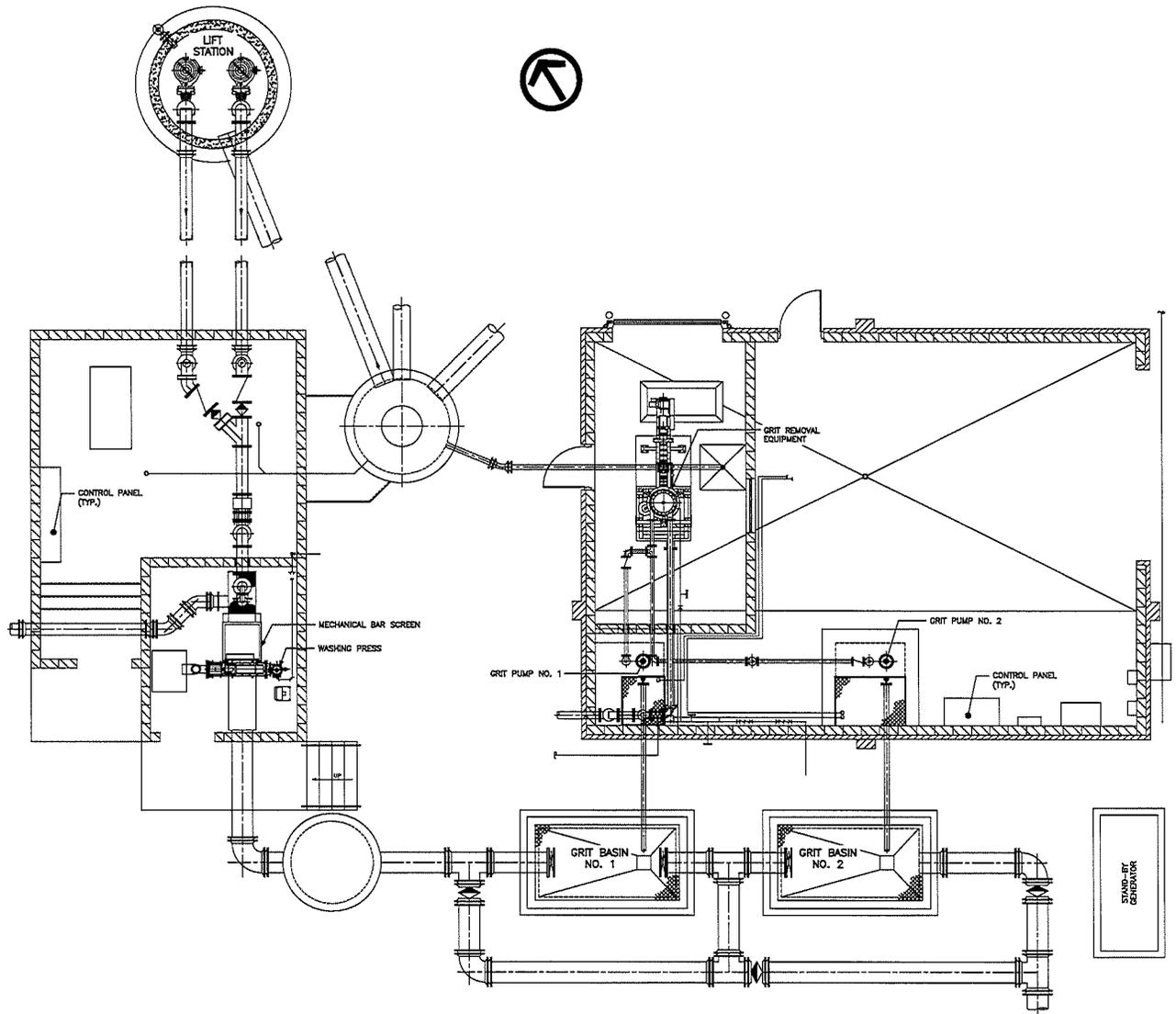




FIVE HUNDRED YEAR FLOOD ELEVATION PLUS THREE FEET - 1197.00



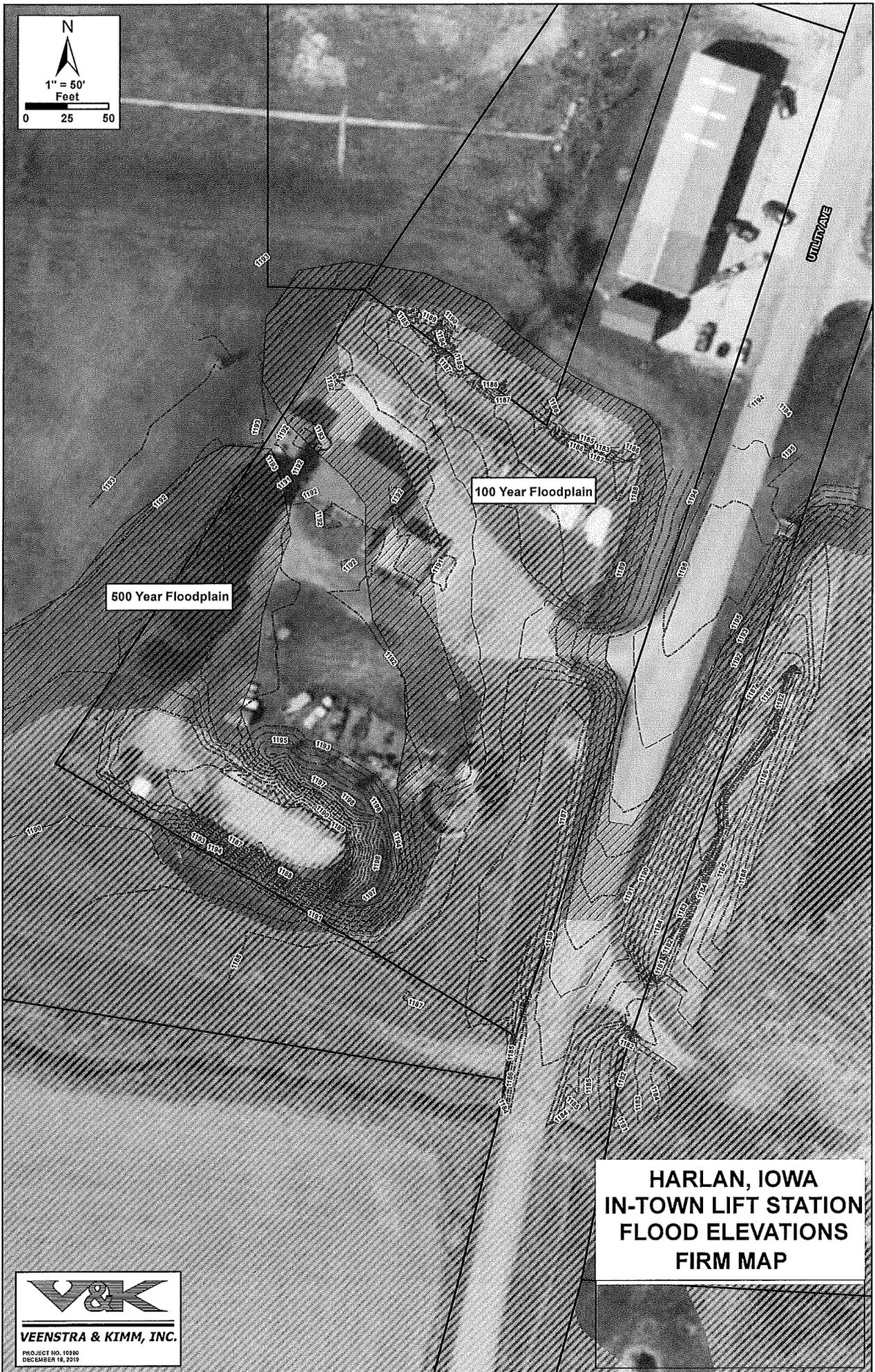
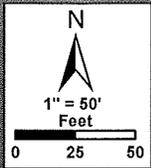
BENCHMARK	ELEVATION	DATE	REVISIONS	SCALE AS NOTED		IN-TOWN LIFT STATION FLOOD MITIGATION PROJECT	DWG. NO.
				DRAWN JPB CHECKED JPB APPROVED TWP DATE /20 A.C.			3000 Westown Parkway 515-225-8000 • 515-225-7348 (FAX) • 800-241-8000 (WATS)



SCALE: 1/4"=1'-0"
 0' 4' 8'

BENCHMARK	ELEVATION	VERIFY SCALE	DATE	REVISIONS	SCALE AS NOTED	 VEENSTRA & KIMM, INC. <small>3000 Westtown Parkway • West Des Moines, Iowa 50266-1320 515-225-8000 • 515-225-7848 (FAX) • 800-241-8000 (NATS)</small>	IN-TOWN LIFT STATION SCHEMATIC	DWG. NO.
		<small>BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.</small>			<small>DRAWN JPB CHECKED JPB APPROVED TWP DATE /20 A.C.</small>			2

PROJECT 10880

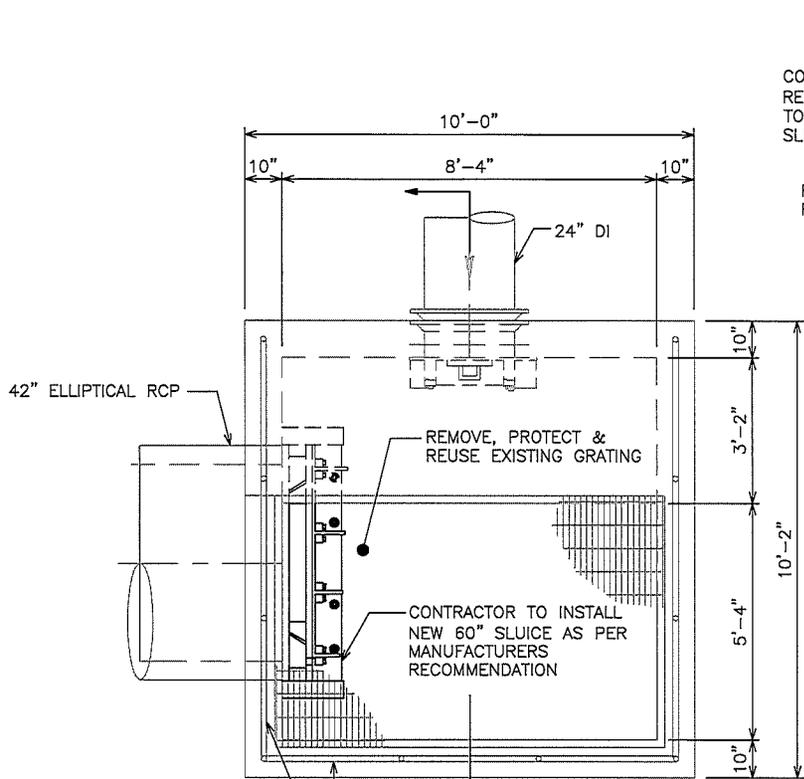


500 Year Floodplain

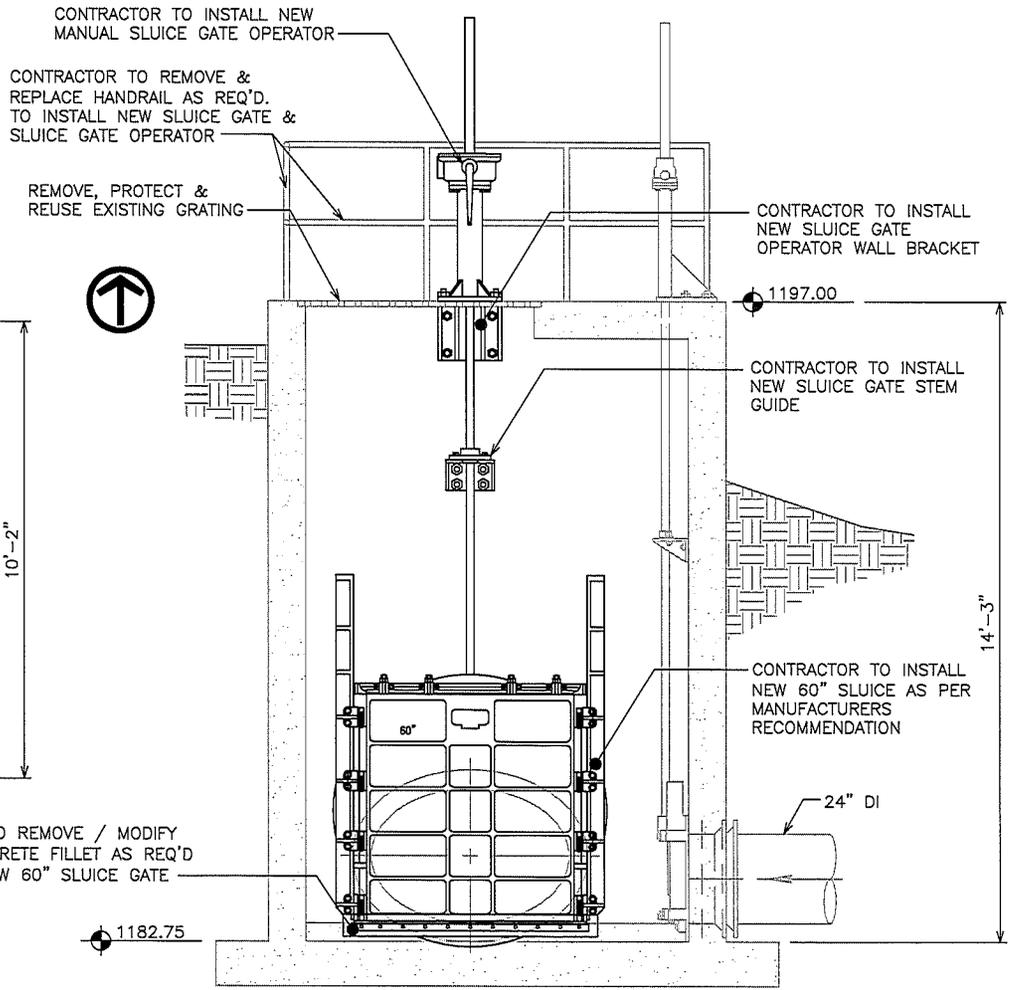
100 Year Floodplain

HARLAN, IOWA
IN-TOWN LIFT STATION
FLOOD ELEVATIONS
FIRM MAP

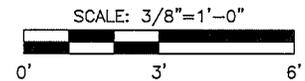
VEENSTRA & KIMM, INC.
PROJECT NO. 10980
DECEMBER 16, 2019



PLAN
SCALE: 3/8" = 1'-0"



SECTION A
SCALE: 3/8" = 1'-0"



BENCHMARK	ELEVATION	DATE	REVISIONS	SCALE AS NOTED	 VEENSTRA & KIMM, INC. <small>3988 Westtown Parkway • West Des Moines, Iowa 50366-1328 515-225-0800 • 515-225-7949 FAX • 888-347-8888 (WALTS)</small>	IN-TOWN LIFT STATION STORMWATER STRUCTURE MODIFICATIONS	DWG. NO.
				DRAWN JPB			3
				CHECKED JPB			
				APPROVED TWP			
				DATE 7/20			
			A.C.		PROJECT 10880		