

**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	
	Shelby	4		Senate 9	House 18
G. Is the Applicant/Community participating in the National Flood Insurance Program (NFIP)?			Community's CID Number		
Yes					

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 as needed	\$	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 \$ (FRF)	Local \$	TOTAL
Flood Recovery Fund			\$ 750,000.00		\$ 750,000.00
City of Harlan				\$ -	\$ -
					\$ -
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					\$ -
Total Project Funding Source		\$ -	\$ 750,000.00	\$ -	\$ 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 is in need of the entire amount of \$750,000 due to emergency expenditures in 2020.

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

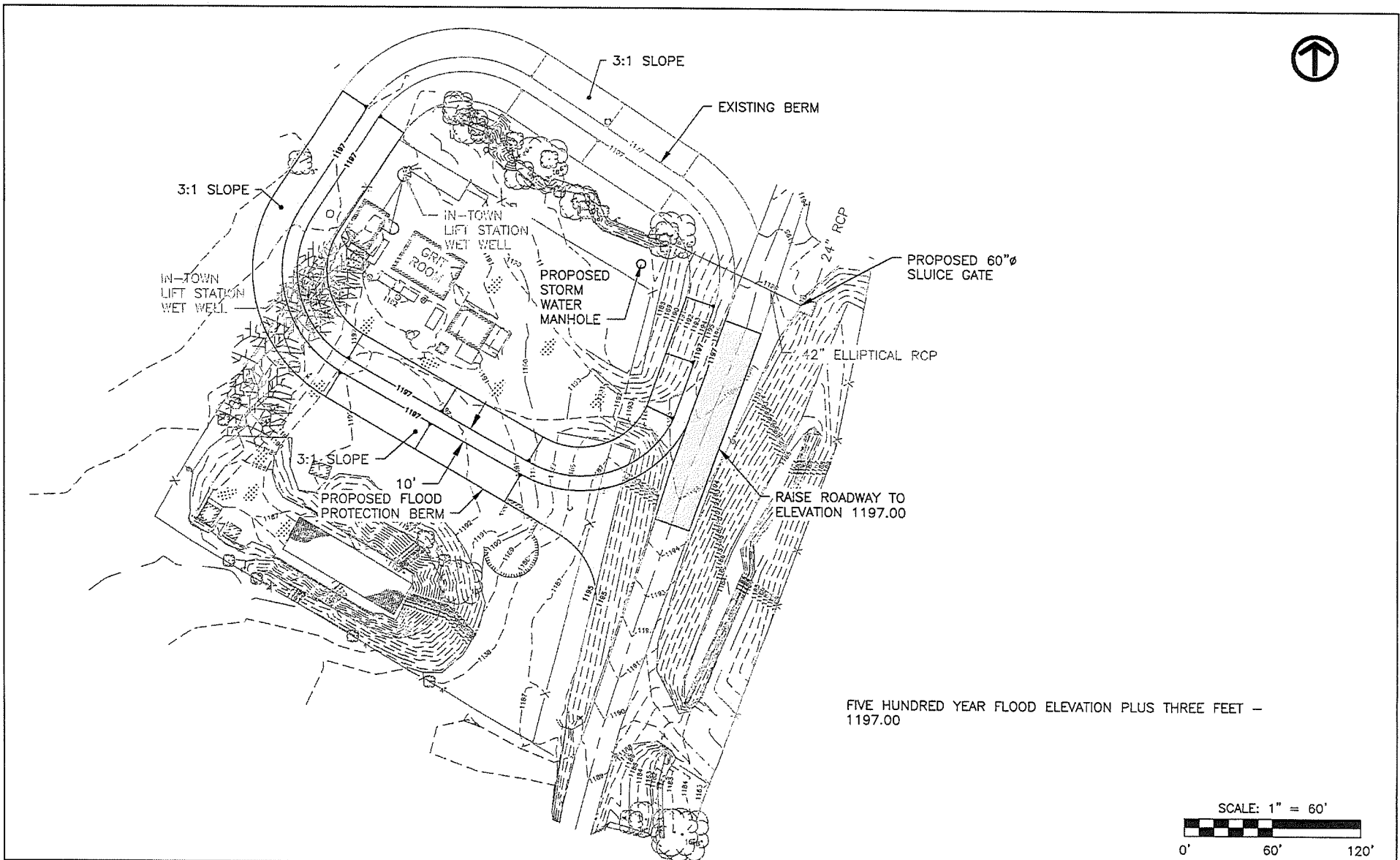
Veenstra & Kimm, Inc.

[3000 Westown Parkway](#)

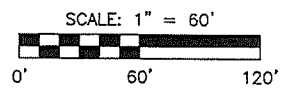
[West Des Moines, Iowa 50266](#)


515-225-8000



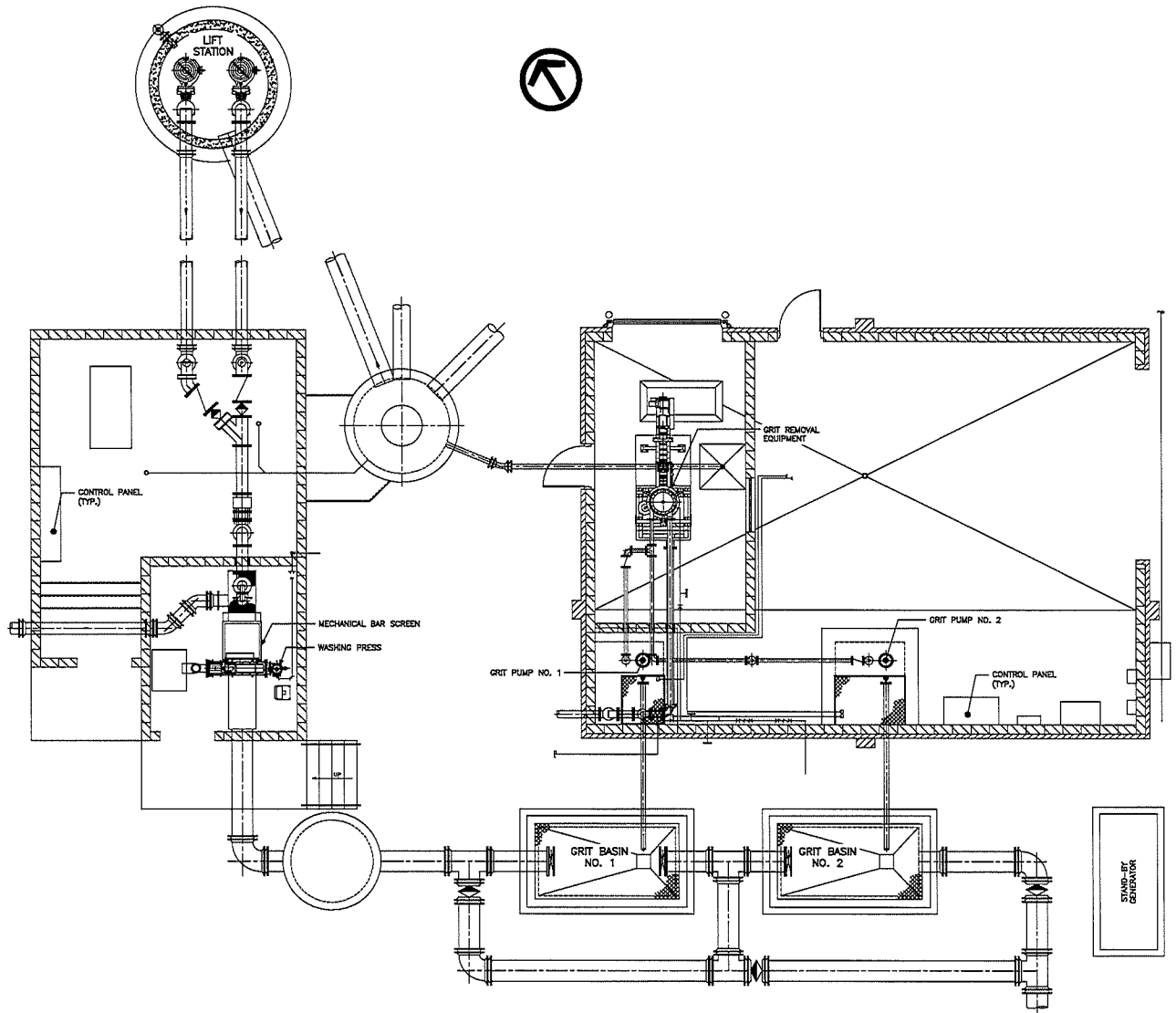


FIVE HUNDRED YEAR FLOOD ELEVATION PLUS THREE FEET - 1197.00




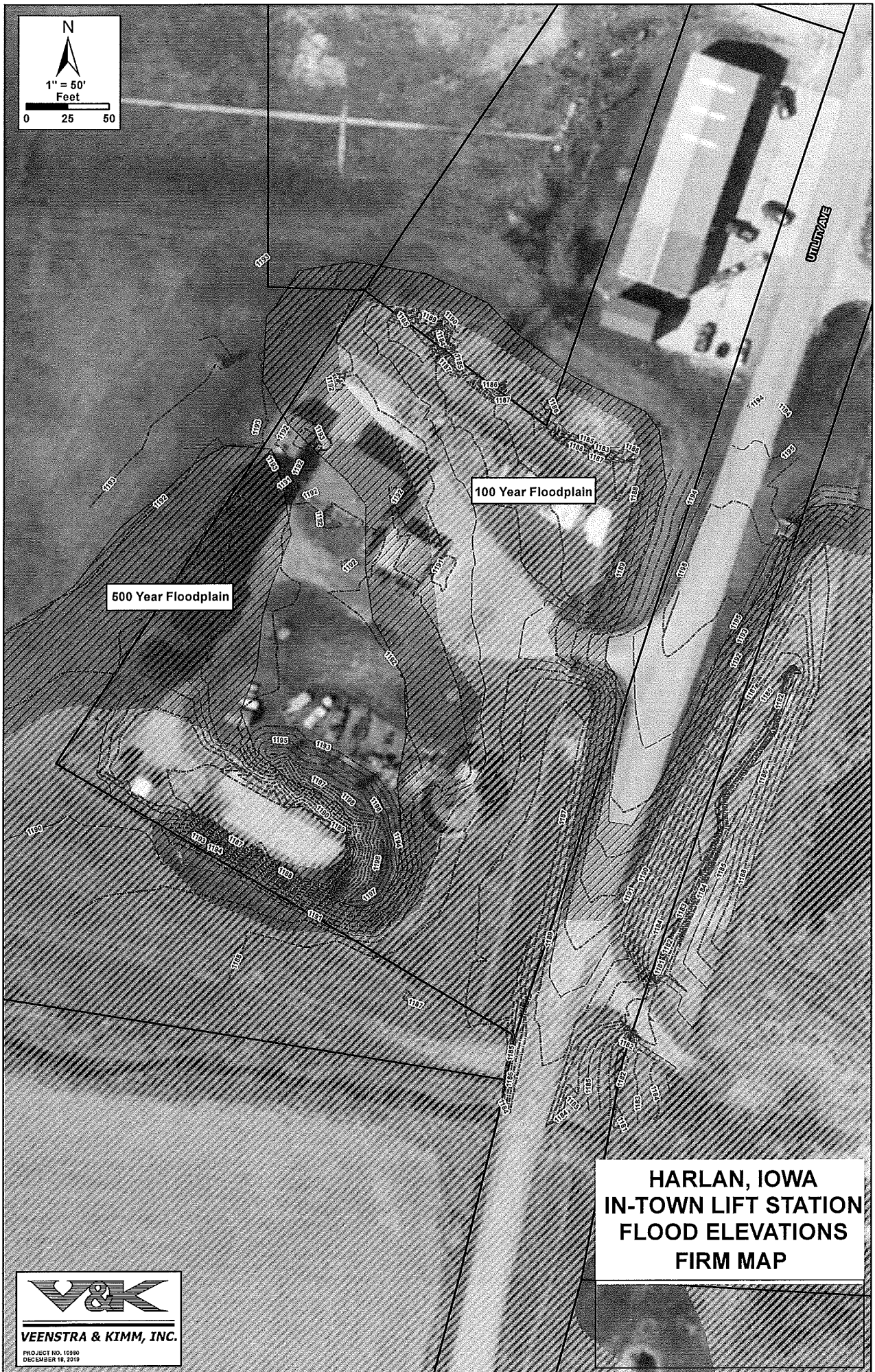
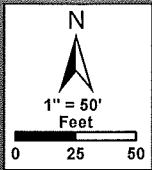
BENCHMARK	ELEVATION	DATE	REVISIONS	SCALE AS NOTED		IN-TOWN LIFT STATION FLOOD MITIGATION PROJECT	DWG. NO.
				DRAWN JPB CHECKED JPB APPROVED TWP DATE /20 A.C.			3000 Westown Parkway 515-225-8000 • 515-225-7348 (FAX) • 800-241-8000 (WATS)

1



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

BENCHMARK	ELEVATION	VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.	DATE	REVISIONS	SCALE AS NOTED DRAWN JPB CHECKED JPB APPROVED TWP DATE /20 A.C.	 VEENSTRA & KIMM, INC.	IN-TOWN LIFT STATION SCHEMATIC 3000 Westtown Parkway • West Des Moines, Iowa 50266-1320 515-225-8099 • 515-225-7848 (FAX) • 800-241-8099 (NATS)	DWG. NO. 2 PROJECT 10880
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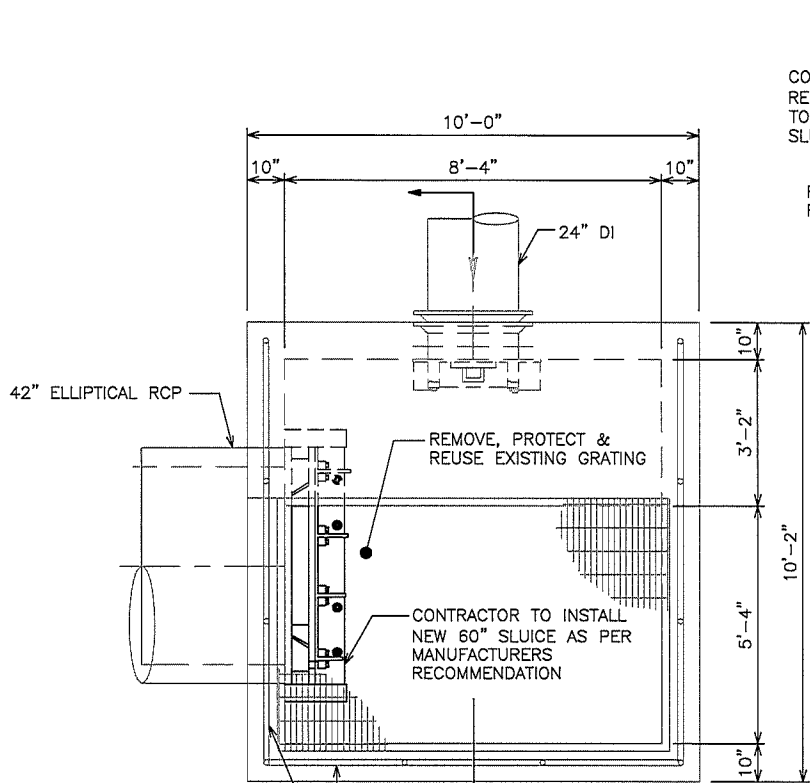


500 Year Floodplain

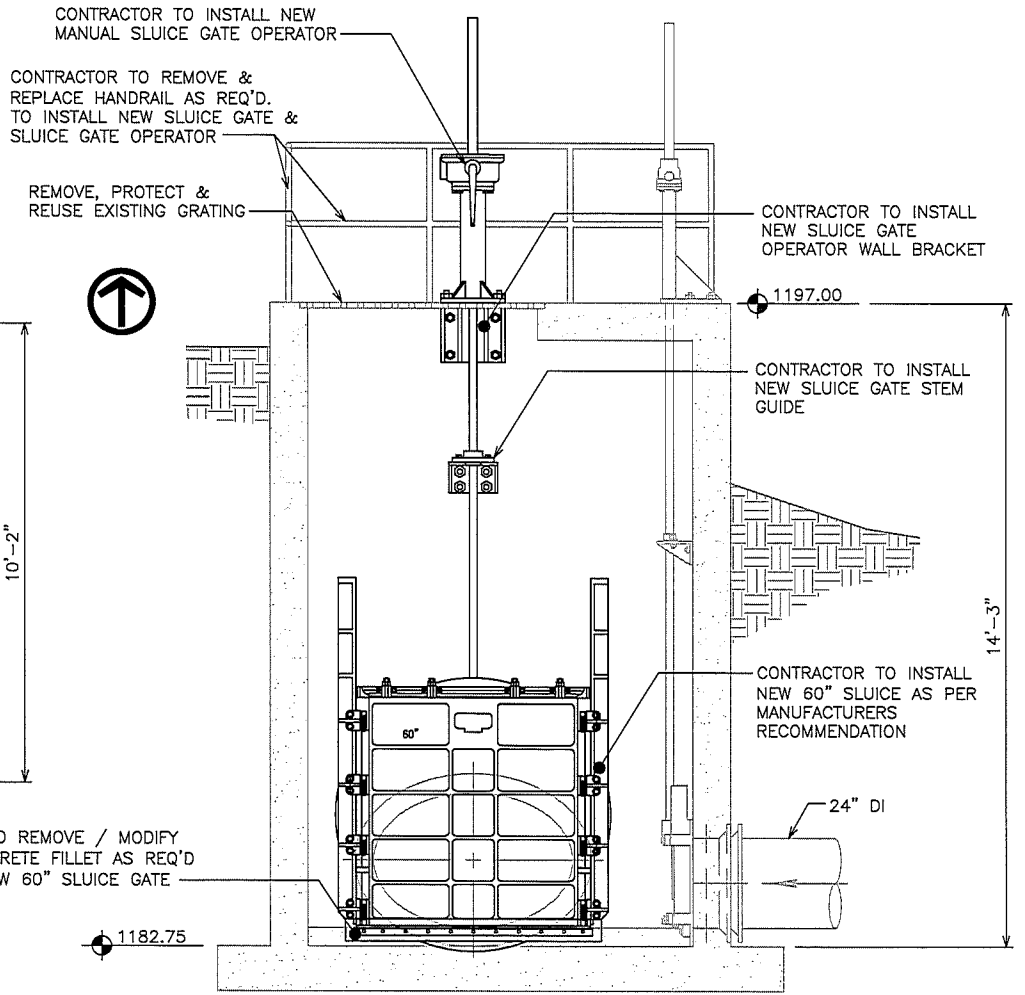
100 Year Floodplain

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

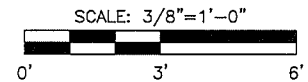
VEENSTRA & KIMM, INC.
PROJECT NO. 10980
DECEMBER 16, 2019




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 Woodburn Parkway • West Des Moines, Iowa 50366-1328 515-225-0800 • 515-225-7949 FAX • 800-347-8888 (WALTS)</small>	IN-TOWN LIFT STATION STORMWATER STRUCTURE MODIFICATIONS	DWG. NO.	
				DRAWN			JPB	3
				CHECKED			JPB	
				APPROVED			TWP	
				DATE			7/20	
			A.C.			PROJECT	10820	