

New Well Project

West Liberty Well No. 2 and Powerhouse Improvements Project Weekly Progress Report

City of West Liberty Well No. 2 and Powerhouse Improvements Newsletter 5/01/2023

Well No. 2 Improvements Phase I

Current Project Phase I

- New pump/motor/power/hatch
- Construction scheduled June/July 2023

Current Work Week (May 1, 2023)

- Low Bidder-The Northway Corp.
- The Northway - Recommended at 5.02.2023 Council Meeting

2 Week Look Ahead (May 8, 2023)

- Prepare Contracts, Bonds, and Insurance for Bidder to be Accepted.

Powerhouse Improvements Phase II

Current Project Phase

- New Door/ Driveway/ Separated Well Room
- Public Hearing Scheduled for May 16, 2023.
- Bid Opening Scheduled for May 11, 2023

Current Work Week (May 1, 2023)

- Hold Pre-bid meeting at Powerhouse on May 3, 2023

2 Week Look Ahead (May 8, 2023)

- Bid Opening May 11, 2023

Contact Us

Lee Geertz

City Manager

319.627.2418

lgeertz@cityofwestlibertyia.org

Danny Goodale

Water and Sewer Superintendent

319.627.2418

dgoodale@cityofwestlibertyia.org

Ed Tvrs

Electrical Superintendent

319.627.4314

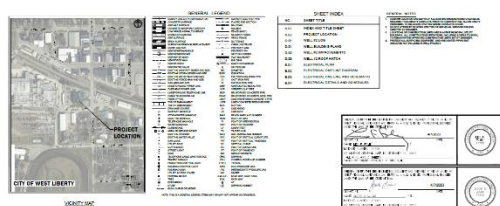
etvrs@cityofwestlibertyia.org

If you have any questions before, during, or after the construction projects, please do not hesitate to contact us. We understand this project will cause further disruption at an already disrupted time. We greatly appreciate your patience. Thank you.



Photo or tip of the week

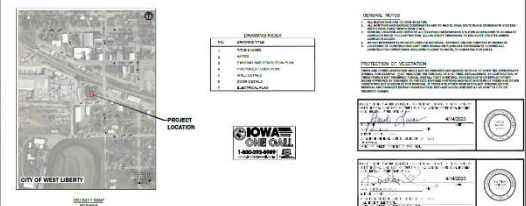
PLANS FOR WELL #2 IMPROVEMENTS-PHASE 1 WEST LIBERTY, IOWA



Phase I - Well Improvements



PLANS FOR WELL #2 IMPROVEMENTS - PHASE 2 WEST LIBERTY, IOWA



Phase II - Powerhouse Improvements

New Well Project

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PLANS FOR WELL #2 IMPROVEMENTS-PHASE 1 WEST LIBERTY, IOWA



VICINITY MAP
NOT TO SCALE

GENERAL LEGEND	
—+—	SURVEY LINE & STATION INDICATOR
—	CONCRETE SURFACE
—	ASPHALT SURFACE
—	CONCRETE/ASPHALT OVERLAY
—	LOW GRADE ASPHALT SURFACE
—	GRAVELLAR SURFACE
—	DIRT SURFACE
—	BRICK SURFACE
—	SURFACING REMOVAL/REPLACEMENT
—	EARTH SECTION
—	NEW SEWER/MAIN HOLE
—	NEW SEWER/INTAKE
—	NEW WATER MAIN
—	NEW FORCE MAIN
—	NEW HYDRANT
—	NEW WATER VALVE
—	EXISTING SANITARY SEWER AND SIZE
—	EXISTING STORM SEWER AND SIZE
—	EXISTING WATER MAIN AND SIZE
—	EXISTING FORCE MAIN AND SIZE
—	GAS MAIN AND SIZE
—	UNDERGROUND POWER LINE
—	OVERHEAD POWER LINE
—	UNDERGROUND TELEPHONE LINE
—	CABLE TELEVISION LINE
—	FIBER OPTICS
—	TOP OF EMBANKMENT
—	DRAINAGE COURSE
—	SANITARY MANHOLE
—	STORM WATER MANHOLE
—	ELECTRIC MANHOLE
—	TELEPHONE MANHOLE
—	WATER MANHOLE
—	CURB BENCH
—	AREA OR BEEHIVE INTAKE
—	EXISTING HYDRANT
—	EXISTING WATER VALVE
—	GAS VALVE
—	UTILITY POLE
—	GUY ANCHOR
—	STREET LIGHT
—	SIGN
—	TELEPHONE CABLE JUNCTION BOX
—	CP-1 CONTROL POINT AND NUMBER
—	CP-2 CONTROL POINT AND NUMBER
—	CP-3 CONTROL POINT AND NUMBER
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—	CP-100 CONTROL POINT AND NUMBER

NOTE: THIS IS A GENERAL LEGEND. ITEMS MAY OR MAY NOT APPEAR ON DRAWINGS.

SHEET INDEX	
NO.	SHEET TITLE
A.01	INDEX AND TITLE SHEET
A.02	PROJECT LOCATION
C.01	WELL #2 LOG
D.01	WELL BUILDING PLANS
D.02	WELL #2 IMPROVEMENTS
D.03	WELL #2 ROOF HATCH
E.01	ELECTRICAL PLAN
E.02	ELECTRICAL ONE-LINE DIAGRAM
E.03	ELECTRICAL ONE-LINE AND SCHEMATIC
E.04	ELECTRICAL DETAILS AND SCHEDULES

- GENERAL NOTES**
- CONFIRM LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND UTILITIES AS REQUIRED TO ELIMINATE CONFLICTS PRIOR TO CONSTRUCTION. ALLOW UTILITY PERSONNEL TO RELOCATE UTILITIES WHERE CONFLICTS OCCUR.
 - DO NOT INTERRUPT EXISTING UTILITIES OR INDIVIDUAL SERVICES UNLESS DIRECTED BY ENGINEER.
 - LOCATIONS OF CONSTRUCTION LIMITS ARE IN ACTIVE MUNICIPAL UTILITY BUILDINGS. ALL CONSTRUCTION OPERATIONS, INCLUDING ACCESS TO WORK, TO REMAIN WITHIN APPROVED CONSTRUCTION LIMITS SET BY ENGINEER.
 - PROTECT ALL SURFACING, EQUIPMENT, AND ASSOCIATED PIPING NOT INDICATED NOT INCLUDED IN WELL PROJECT.

I HEREBY CERTIFY THAT THE ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A QUALIFIED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

DATE: 4/7/2023

SIGNATURE: *[Signature]*

NAME: LEV F. FILE

LICENSE NUMBER: 11708

MY LICENSE EXPIRES DATE IS: DECEMBER 31, 2023

ALL A, C AND E SHEETS FILED OR SHEETS COVERED BY THIS SEAL.



I HEREBY CERTIFY THAT THE ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A QUALIFIED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

DATE: 4/7/2023

SIGNATURE: *[Signature]*

NAME: JACOB D. LUCAS

LICENSE NUMBER: 33245

MY LICENSE EXPIRES DATE IS: DECEMBER 31, 2023

ALL E SHEETS FILED OR SHEETS COVERED BY THIS SEAL.



PLOTTER: 1/4"=1'-0" (11x17) DATE: 4/11/2023 10:00 AM
 PROJECT: WEST LIBERTY WELL NO. 2 IMPROVEMENTS PHASE 1 SHEETS 1-10
 DRAWING: WEST LIBERTY WELL NO. 2 IMPROVEMENTS PHASE 1 SHEETS 1-10

DATE	REVISIONS	SCALE	AS NOTED		WELL #2 IMPROVEMENTS-PHASE 1 CITY OF WEST LIBERTY 1800 5th Avenue • Rock Island, Illinois 61201 309-786-7500 • 309-791-0565(FAX) • 377-241-6010(WATS)	INDEX AND TITLE SHEET	SHEET NO.
							A.01
				PROJECT	340130		

New Well Project

***West Liberty Well No. 2 and Powerhouse Improvements Project
Weekly Progress Report***



Existing Well No. 2 and Pump

New Well Project

West Liberty Well No. 2 and Powerhouse Improvements Project Weekly Progress Report

PLANS FOR WELL #2 IMPROVEMENTS - PHASE 2 WEST LIBERTY, IOWA



PROJECT LOCATION

VICINITY MAP
NOT TO SCALE

DRAWING INDEX

NO.	DRAWING TITLE
1	TITLE & INDEX
2	NOTES
3	EXISTING AND DEMOLITION PLAN
4	PROPOSED FLOOR PLAN
5	WALL DETAILS
6	DOOR DETAILS
7	ELECTRICAL PLAN



GENERAL NOTES

1. ALL ELEVATIONS ARE TO NAVD 83 DATUM.
2. ALL NORTHING AND EASTING COORDINATES ARE TO NAD 83, IOWA STATE PLANE COORDINATE SYSTEMS - SOUTH ZONE (1402) / NORTH ZONE (1401).
3. CONFIRM LOCATION AND DEPTH OF ALL EXISTING UTILITY PERSONNEL TO RELOCATE UTILITIES WHERE CONFLICTS OCCUR.
4. DO NOT INTERRUPT EXISTING UTILITIES OR INDIVIDUAL SERVICES UNLESS DIRECTED BY ENGINEER.
5. LOCATIONS OF CONSTRUCTION LIMIT LINES SHOWN ON PLANS ARE APPROXIMATE. CONFINE ALL CONSTRUCTION OPERATIONS, INCLUDING ACCESS TO WORK, TO CONSTRUCTION LIMITS.

PROTECTION OF VEGETATION

TREES AND OTHER VEGETATION WHICH MAY BE REMOVED ARE MARKED WITH AN "X" OVER THE APPROPRIATE SYMBOL. FOR EXAMPLE, (X)12" INDICATES THE REMOVAL OF A 12" TREE. REPLACEMENT, BY CONTRACTOR, OF THESE ITEMS IS NOT REQUIRED. TUNNEL, INSTALL TIGHT SHEETING, HAND EXCAVATE OR EMPLOY OTHER MEANS APPROVED BY ENGINEER TO PROTECT EXPOSED PORTIONS AND ROOT SYSTEMS OF TREES AND OTHER VEGETATION NOT SCHEDULED FOR REMOVAL. IF TREES AND OTHER VEGETATION NOT SCHEDULED FOR REMOVAL ARE DAMAGED DURING CONSTRUCTION, REPLACE IN KIND AND SIZE AT NO COST TO CITY OR PROPERTY OWNER.

I HEREBY CERTIFY THAT THE ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A QUALIFIED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.		
SIGNATURE: <i>Jacob Lucas</i> NAME: JACOB LUCAS LICENSE NUMBER: 23240 MY LICENSE RE-NEWAL DATE IS: DECEMBER 31, 2023 ELECTRICAL	DATE: 4/14/2023	
TITLED OR SHEET COVERED BY THIS SEAL		

I HEREBY CERTIFY THAT THE ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A QUALIFIED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.		
SIGNATURE: <i>Kristina Robinson</i> NAME: KRISTINA ROBINSON LICENSE NUMBER: 27122 MY LICENSE RE-NEWAL DATE IS: DECEMBER 31, 2023 ELECTRICAL	DATE: 4/14/2023	
TITLED OR SHEET COVERED BY THIS SEAL		

DATE	REVISIONS	SCALE	AS NOTED



WELL #2 IMPROVEMENTS - PHASE 2
CITY OF WEST LIBERTY

1800 5th Avenue • Rock Island, (Block 8120)
308-755-7550 • 308-757-0899 (FAX) • 877-241-8215 (NATION)

TITLE & INDEX

DRWG. NO.	1
PROJECT	34210