

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
4/24/2023

Well No. 2 Improvements Phase I

Current Project Phase I

- New pump/motor/power/hatch
- Construction scheduled June/July 2023
- Public Hearing held for April 18, 2023 at 7:30 at the W Liberty Library.

Current Work Week (April 24, 2023)

- Final plans and specifications are out for bid – bid opening scheduled for April 27 at 2:00 PM at The Liberty

2 Week Look Ahead (May 1, 2023)

- Engineer and City to Review Bids

Powerhouse Improvements Phase II

Current Project Phase

- New door/driveway/separated well room.
- Public Hearing Scheduled for May 2, 2023.
- Bid Opening Scheduled for May 11, 2023
- Pre bid Meeting Scheduled For May 3, 2023.

Current Work Week (April 24, 2023)

- Bid Documents out for bid on May 11, 2023.
- Prepare addendum for Pre bid Meeting at Powerhouse

2 Week Look Ahead (May 1, 2023)

- Hold Pre bid Meeting May 3, 2023, at Powerhouse at 11:00 AM

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

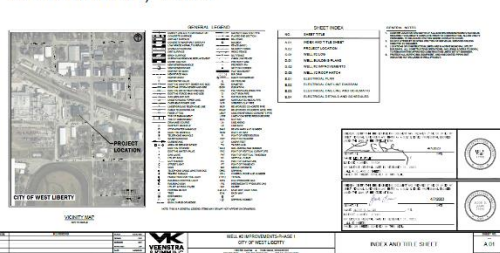
etvrs@cityofwestlibertyia.org

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

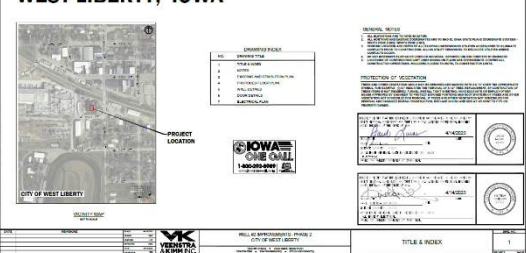
PLANS FOR WELL #2 IMPROVEMENTS-PHASE 1 WEST LIBERTY, IOWA



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



GENERAL LEGEND	
	SURVEY LINE & STATION INDICATOR
	CONCRETE SURFACE
	ASPHALT SURFACE
	CONCRETE/ASPHALT OVERLAY
	LOW GRADE ASPHALT SURFACE
	GRAVELULAR SURFACE
	DIRT SURFACE
	BRICK SURFACE
	SURFACING REMOVAL/REPLACEMENT
	EARTH SECTION
	NEW SEWER MANHOLE
	NEW SEWER TRENCH
	NEW WATER MAIN
	NEW WATER TRENCH
	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 RAMP
	AREA OR BEDDING INTAKE
	EXISTING HYDRANT
	EXISTING WATER VALVE
	GAS VALVE
	UTILITY POLE
	GUY ANCHOR
	STREET LIGHT
	SIGN
	TELEPHONE CABLE JUNCTION BOX
	TRAFFIC SIGNALS
	PEDESTRIAN CONTROL LIGHT
	RAILROAD CONTROL LIGHT
	RAILROAD SIGN
	UTILITY ACCESS COVER
	PARKING METER
	TREE
	EVERGREEN
	SHRUB OR HEDGE
	CULVERT, SIZE AND TYPE
	FLARED END SECTION
	RAILROAD
	MAILBOX
	FENCE (MISC.)
	SECURITY FENCE
	WOOD FENCE
	SILT FENCE
	CHAIN LINK FENCE
	PROPERTY LINE
	SECTION CORNER
	PLAT BOUNDARY BUILDING
	ELEVATION MARKER
	CENTERLINE
	DIAMETER
	ELEVATION
	POLYVINYL CHLORIDE PIPE
	CAST IRON PIPE
	DUCTILE IRON PIPE
	CORRUGATED METAL PIPE
	VITRIFIED CLAY PIPE
	REINFORCED CONCRETE PIPE
	REINFORCED CONCRETE ARCH PIPE
	LINED REINFORCED CONCRETE PIPE
	LINED CONCRETE PRESSURE PIPE
	STATION
	LINE AHEAD
	LINE BACK
	BENCH MARK AND NUMBER
	RIGHT-OF-WAY
	POINT OF INTERSECTION
	POINT ON TANGENT
	LINEAR FEET
	TACKED HUB
	SOIL BORING AND NUMBER
	POINT OF VERTICAL CURVATURE
	POINT OF VERTICAL TANGENCY
	VERTICAL CURVE
	POINT OF CURVATURE
	POINT OF TANGENCY
	MIDDLE ORDINATE
	DRAWING CONTROL POINT AND NUMBER
	TYPICAL
	HIGH PRESSURE GAS
	INTERMEDIATE PRESSURE GAS
	INVERT
	EACH WAY, EACH FACE
	EACH WAY
	AT
	DRAWING NUMBER

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
1. 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.
 2. DO NOT INTERRUPT EXISTING UTILITIES OR INDIVIDUAL SERVICES UNLESS DIRECTED BY ENGINEER.
 3. 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.
 4. 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: *L. F. Lucas*

NAME: L. F. LUCAS, P.E.

LICENSE NUMBER: 11708

MY LICENSE EXPIRES DATE IS: DECEMBER 31, 2023.

ALL A.01 AND B.01 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: *Jacob D. Lucas*

NAME: JACOB D. LUCAS, P.E.

LICENSE NUMBER: 33245

MY LICENSE EXPIRES DATE IS: DECEMBER 31, 2023.

ALL E.01 SHEETS FILED OR SHEETS COVERED BY THIS SEAL



PLOTTER: AutoCAD, Plot 1, 2023.03.07
 A.02 INDEX AND TITLE SHEET - Project: West Liberty Well No. 2 and Powerhouse Improvements Project, Location: West Liberty, IA. SHEETS: 1-4

DATE	REVISIONS	SCALE	AS NOTED	<p>VEENSTRA & KIMM INC. 1800 5th Avenue • Rock Island, Illinois 61201 309-786-7350 • 309-791-0565 (FAX) • 377-241-6010 (WATS)</p>	WELL #2 IMPROVEMENTS-PHASE 1 CITY OF WEST LIBERTY	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 88 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, $\odot 12$ 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: 23340 MY LICENSE RENEWAL DATE IS: DECEMBER 31, 2023 ELECTRICAL	DATE: 4/14/2023	
TAKEN 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 RENEWAL DATE IS: DECEMBER 31, 2023 ELECTRICAL	DATE: 4/14/2023	
TAKEN 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, (Iowa) 51201
309-786-7500 • 309-787-0999 (FAX) • 877-241-8215 (NATIONWIDE)

TITLE & INDEX

DWG. NO.
1

PROJECT: 24019