## 09-20-2024 LETTING ITEM 056

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- 6 LOCATION NO. 3: SITE PLAN 15TH STREET WELLS
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- 11 LOCATION NO. 4: TYPICAL WELL DETAILS

## HIGHWAY STANDARDS

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701601-09 701400-12 701901-09 701401-13

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

(38°37'43"N, 90°9'44"W)

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

OR 811

PROJECT ENGINEER RICHARD BARBEE PROJECT MANAGER PHILLIP SAWYER

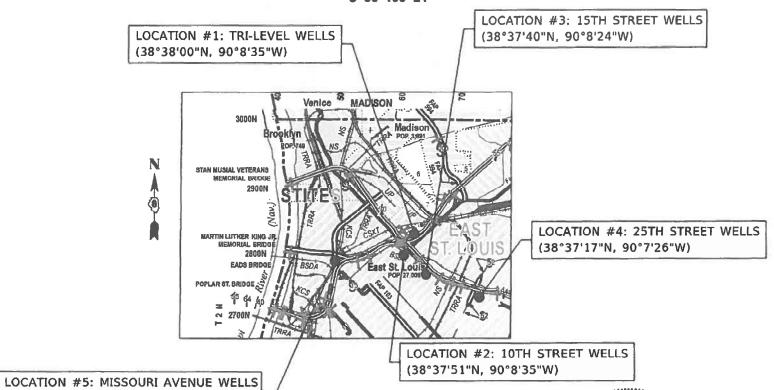
CONTRACT NO. 76T71

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

# **PROPOSED** HIGHWAY PLANS

**VARIOUS ROUTES SECTION DIST 8 DEEP WELLS 2025-1 WELL TREATMENT** ST. CLAIR COUNTY

C-98-106-24



062-065354 REGISTERED **PROFESSIONAL** ENGINEER

AARON M. SCHAFEN REGISTERED PROFESSIONAL ENGINEER STATE OF ILLINOIS NO. 062-065354 LICENSE EXPIRES NOVEMBER 30, 2025

 DIST 8 DEEP WELLS 2025-1 ST, CLAIR 11 1 ELINOIS CONTRACT NO. 76T71

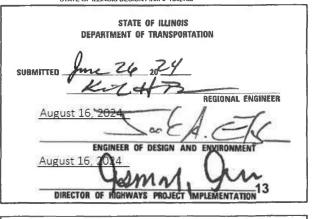
### D-98-044-24



## KLINGNER & ASSOCIATES, P.C.

Engineers · Architects · Surveyors ## 616 North 24th Street, Culncy, IL.

4510 Paris Gravel Road, Hannibal, MO
GIO N. 4th Street, Suite 100, Burlington, IA 349 North Prairie Street, Galesburg, IL 604 Liberty Street, Suite 125, Pella, IA Internet Address: STATE OF ILLINOIS DESIGN FIRM # 1842738



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#### **GENERAL NOTES**

- . WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THE LOCATION.
- 2. EXISTING UTILITY LOCATIONS SHOWN ON THESE PLANS WERE COMPILED FROM THE BEST AVAILABLE RECORDS. EXACT DISTANCES
  AND LOCATIONS OF UTILITIES TO BE RELOCATED HAVE NOT BEEN DETERMINED. ALL UTILITIES, EITHER SHOWN OR NOT SHOWN, IN
  DIRECT CONFLICT WITH THE CONSTRUCTION SHALL BE RELOCATED BY OTHERS (RESPECTIVE UTILITY COMPANY). CONTRACTORS SHALL
  COORDINATE WITH THE VARIOUS COMPANIES TO ESTABLISH EXACT LOCATIONS AND DEPTHS PRIOR TO EXCAVATING. CONTRACTOR
  SHALL CONTACT THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (J.U.L.I.E.) AT 1-800-892-0123 FOR LOCATING THE VARIOUS
  UTILITIES DURING CONSTRUCTION.
- 3. ALL WELLS REQUIRE SEALING OF MISCELLANEOUS OPENINGS IN THE WELL HEAD TO PREVENT LEAKAGE DURING TREATMENT OPERATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN COST OF THE SPECIFIED TREATMENT METHODS.
- 4. THE DEPARTMENT RESERVES THE RIGHT TO NOTIFY THE CONTRACTOR TO CHANGE THE SEQUENCE OF WELL CLEANING IF NEEDED TO ENSURE PROPER DEWATERING NEEDS FOR THE DEPARTMENT. THE CONTRACTOR SHALL ALLOW 24 HOURS BETWEEN WELL TREATMENTS. THE CONTRACTOR SHALL INSTALL THE TEMPORARY DISCHARGE PIPES BACK INTO THE WELL DISCHARGE PIPES. ALL DISCHARGE WATER SHALL BE DISCHARGED INTO THE WELL FORCE MAINS.
- 5. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.

COMMITMENTS NONE

Engineers - Architects - Surveyors
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NONE

	F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
GENERAL NOTES AND COMMITMENTS	*	DIST 8 DEEP WELLS 2025-1	ST. CLAIR	11	2
	* VA	RIOUS	CONTRAC	T NO. 7	76T71
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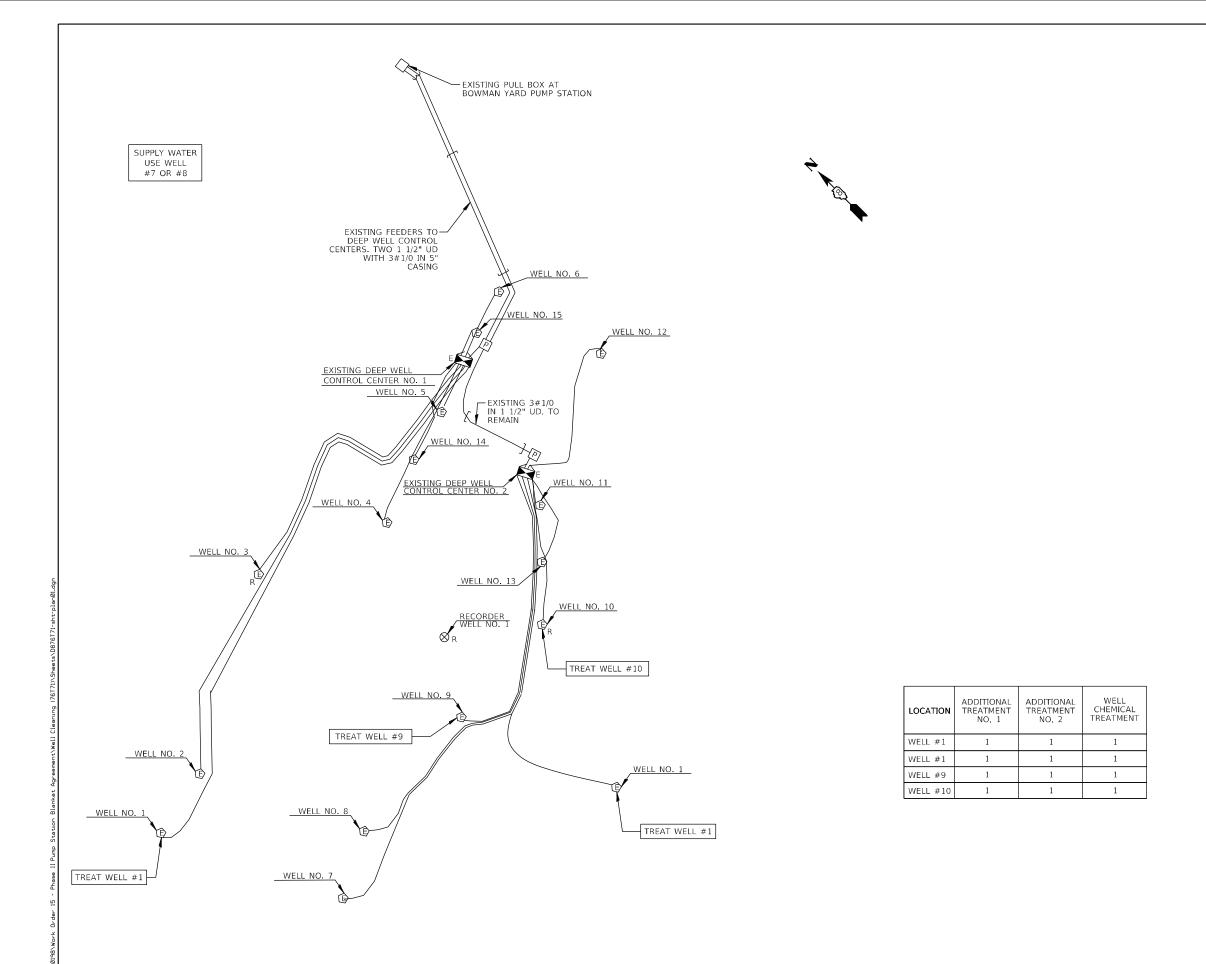
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			-	LOCATION 1	LOCATION 2	LOCATION 3	LOCATION 4	LOCATION 5	
			100% STATE	TRI-LEVEL	10TH STREET	15TH STREET		MISSOURI AVENUE	
				ROADWAY	ROADWAY	ROADWAY	ROADWAY	ROADWAY	
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87100100	MOBILIZATION	L 3014	1	0.20	0.20	0.20	0.20	0.20	
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X0943700	WELL CHEMICAL TREATMENT	EACH	8	4	1	3			
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\* SPECIALTY ITEM

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			DRAWN AMS	REVISED -	STATE OF ILLINOIS	SUMMARY OF QUANTITIES	* DIST 8 DEEP WELLS 202	5-1 ST. CLAIR 11 3
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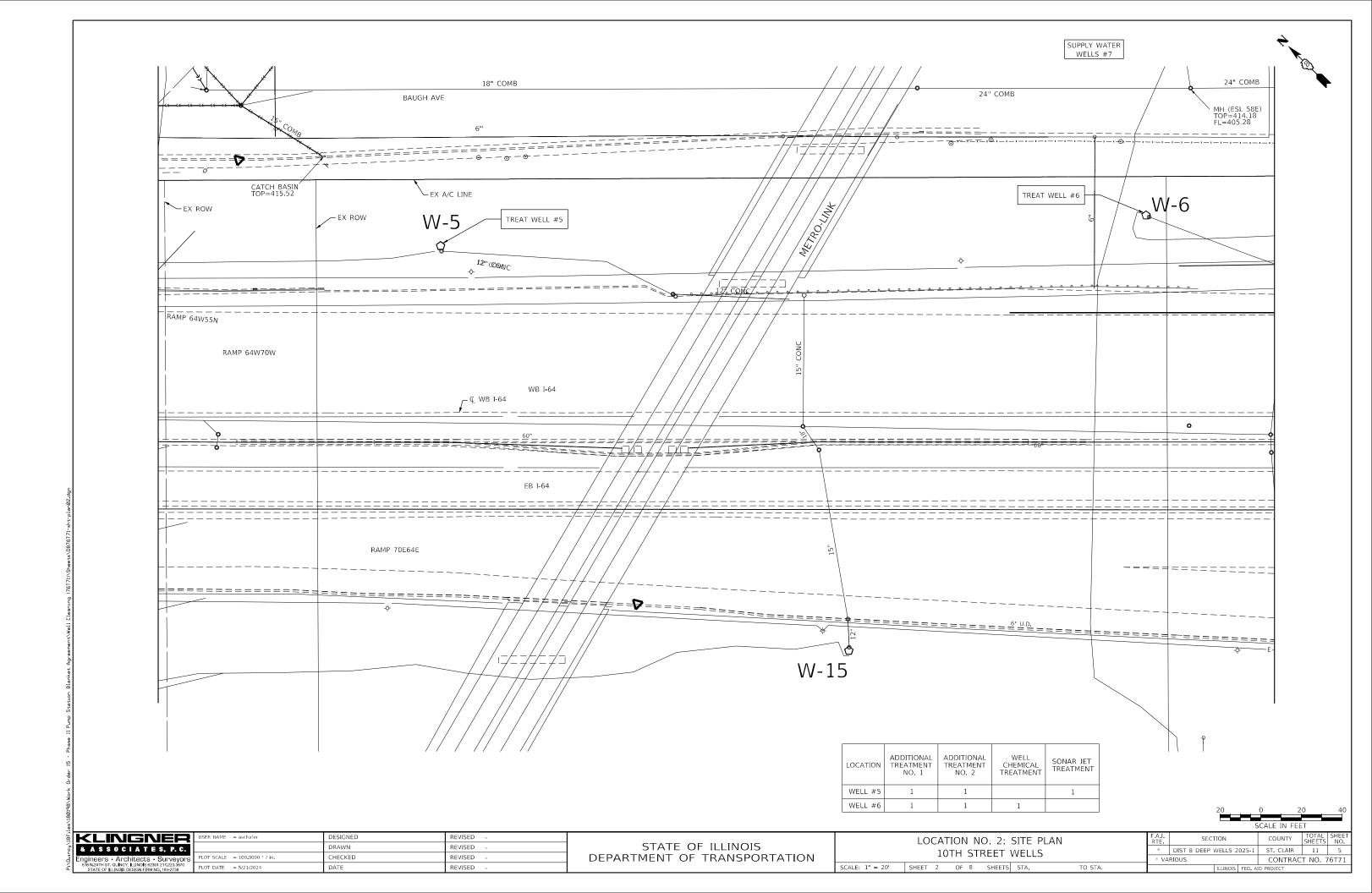


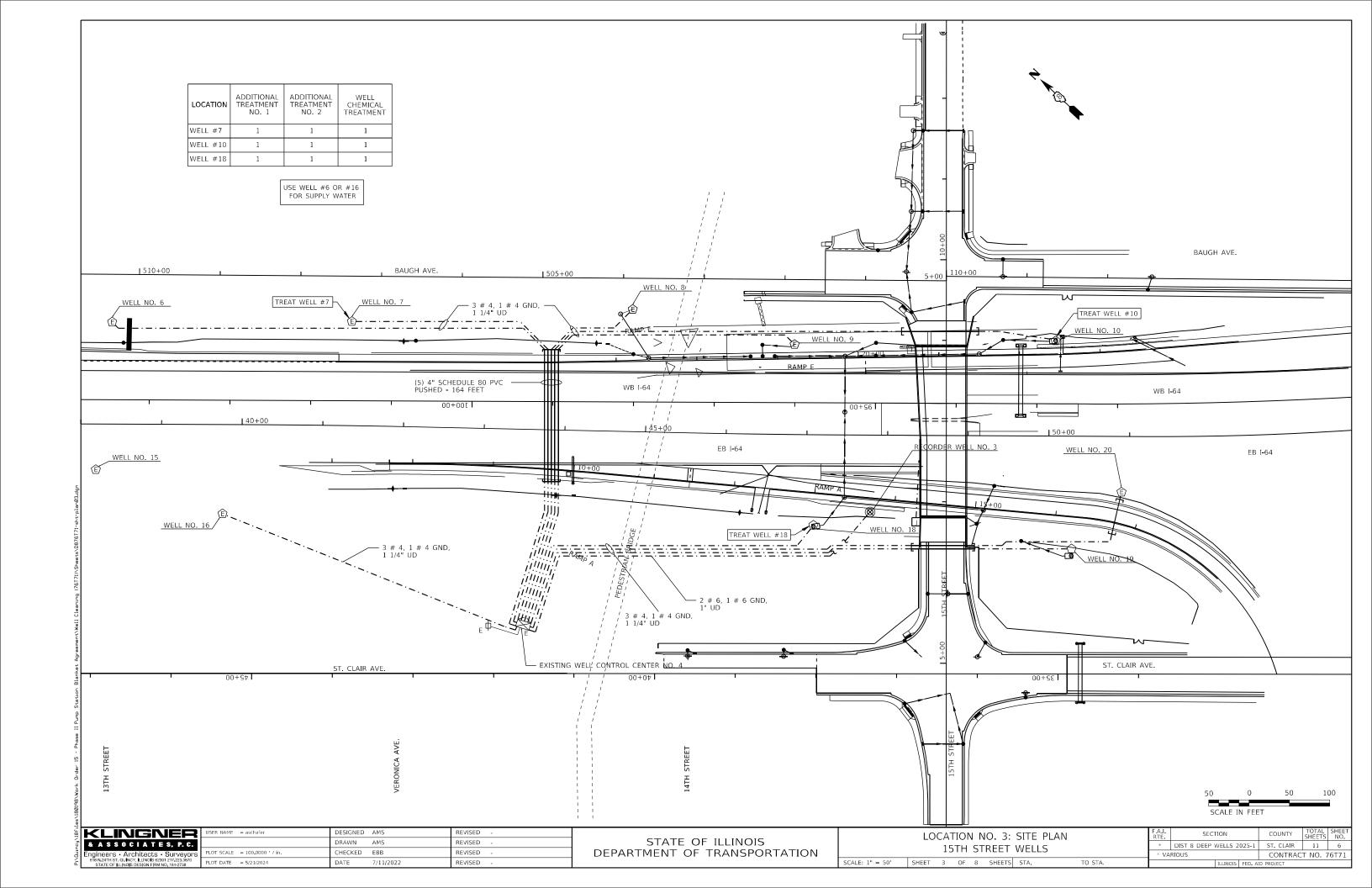
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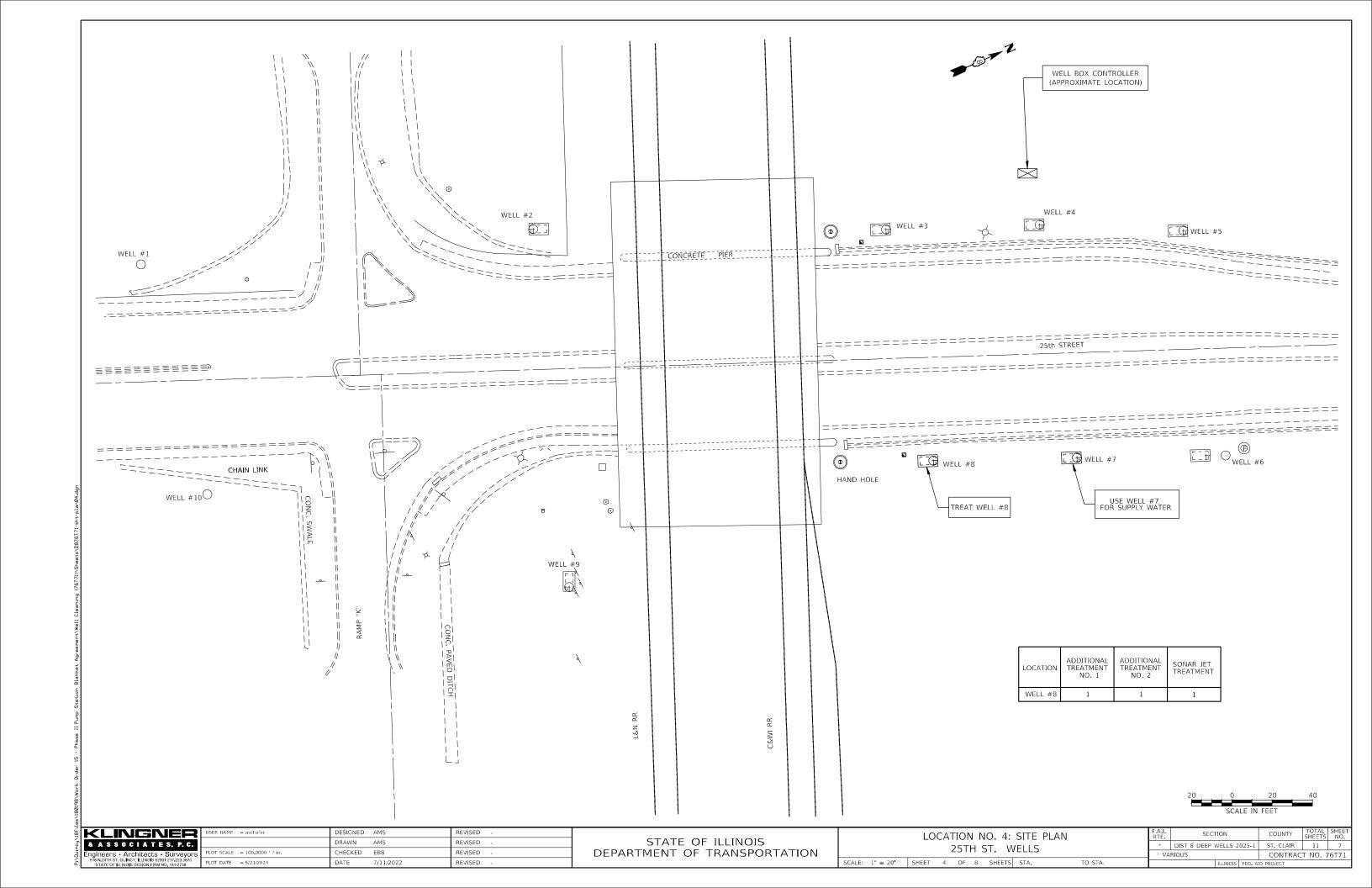
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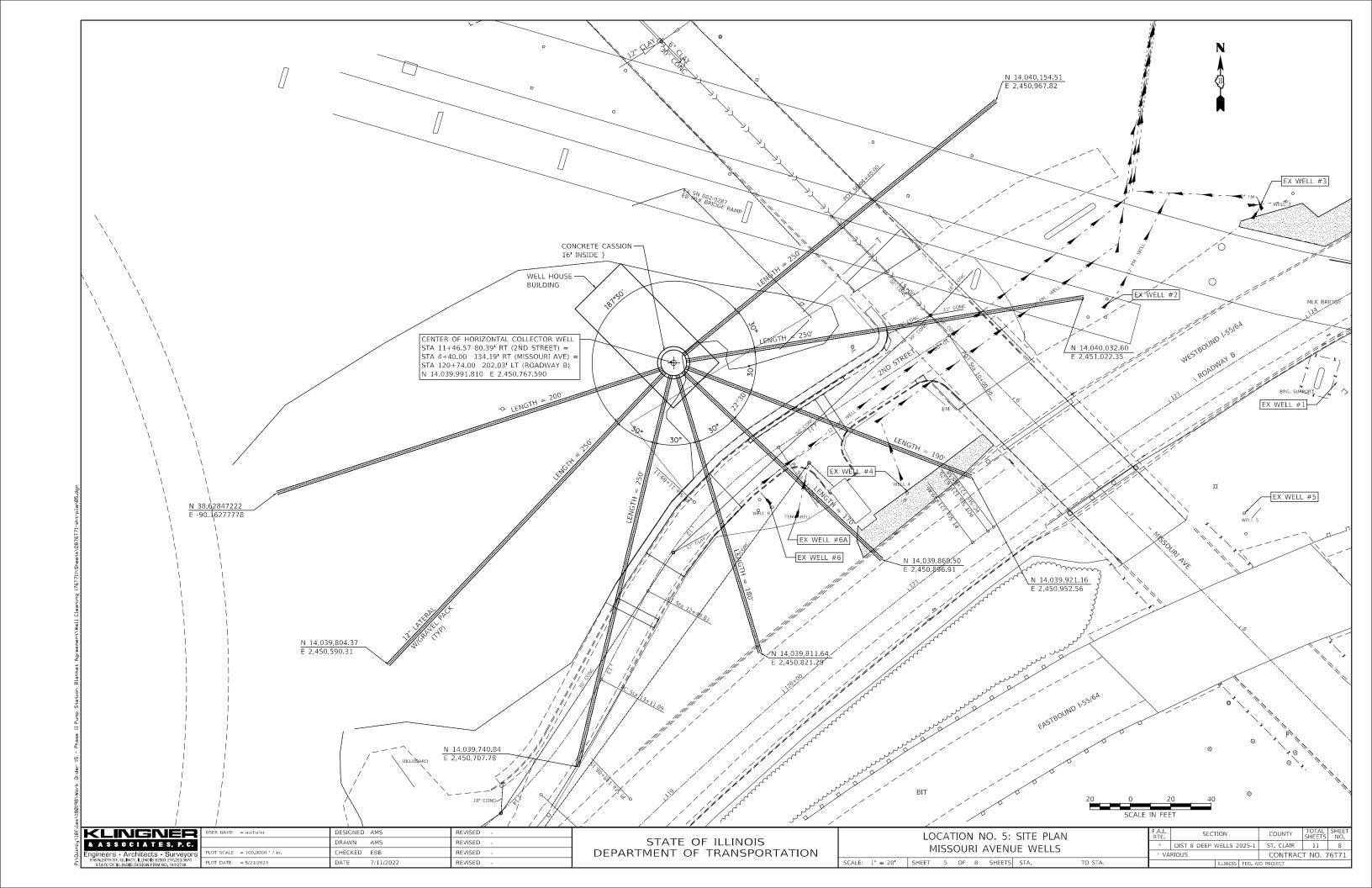
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

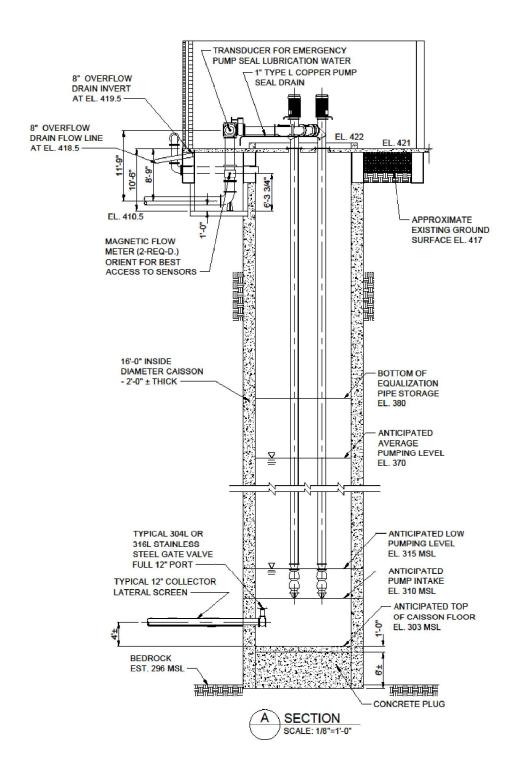
LOCATION NO. 1: SITE PLAN								RTE.	SECTION			COUNTY	SHEETS	
TRI-LEVEL WELLS							*	DIST 8 DEEP	WELLS 2	2025-1	ST. CLAIR	11	4	
	TIMELVEL VVELES							* VA	RIOUS			CONTRAC	T NO. 7	76T71
SCALE: 1" = 20' SHEET 1 OF 8 SHEETS STA. TO STA.								ILLINOIS	FED. AI	D PROJECT				











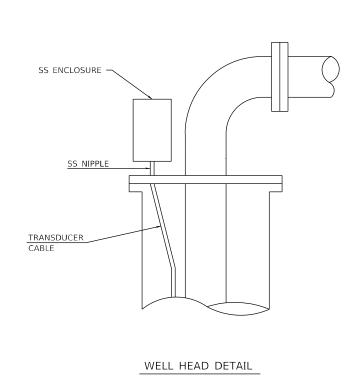
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Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217 223 3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

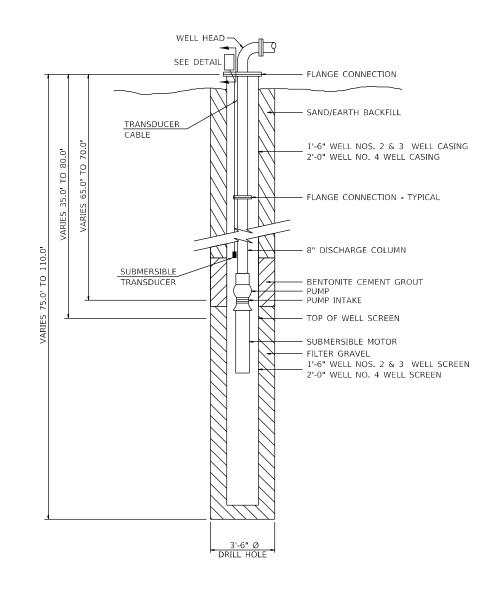
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NONE

LOCATION NO. 5:								F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
WELL HOUSE BUILDING - CAISSON DETAILS							*	DIST 8 DEEP WELLS 2025-1	ST. CLAIR	11	9	
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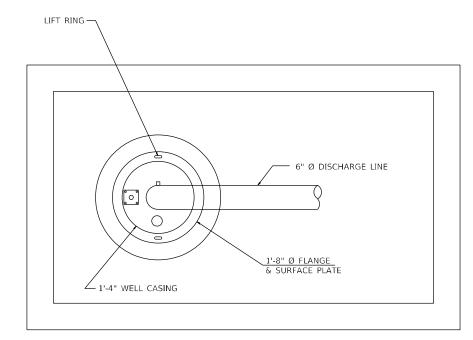
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Engineers · Architects · Surveyors
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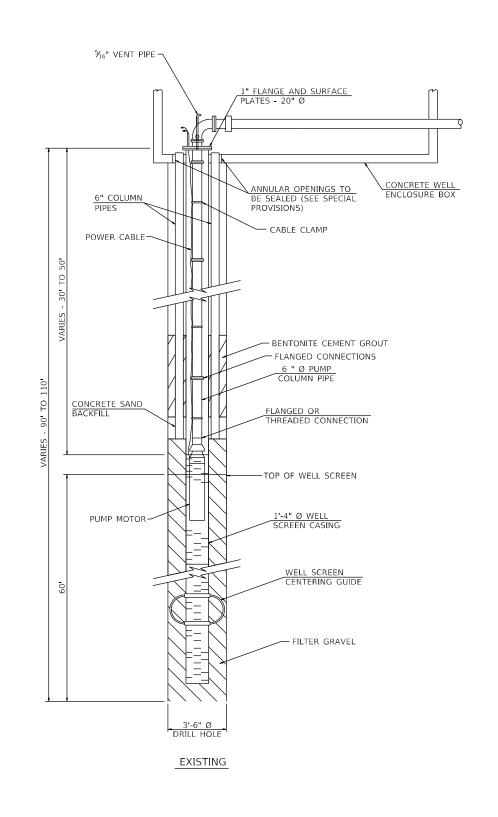
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

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WELL HEAD DETAIL



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	& ASSOCIATES, P.C.	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION NO. 4									F.A.I. RTE	SEC	TION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL WELL DETAILS							*	DIST 8 DEEP	WELLS 2025-1	ST. CLAIR	11	11		
	TIFICAL WELL DETAILS								* VA	ARIOUS	CONTRACT NO. 76T71			
	SCALE:	SCALE: NONE SHEET 8 OF 8 SHEETS STA. TO STA.									ILLINOIS FED. A	ID PROJECT		