01-15-2021 LETTING ITEM 038

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# STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

FOR INDEX OF SHEETS, SEE SHEET NO. 2 FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 3

# **PROPOSED** HIGHWAY PLANS

LEVERETT, TUSCOLA, FITHIAN STORAGE FACILITIES **SECTION 2021–1 SALT CONTAINMENT** 

MISCELLANEOUS PROJECTS **VERMILION, CHAMPAIGN, AND DOUGLAS COUNTIES** C-95-021-20

#### **TOWNSHIPS**

CHAMPAIGN: SOMER DOUGLAS: TUSCOLA VERMILION: OAKWOOD

LEVERETT STORAGE FACILITY 160 E LEVERETT ROAD CHAMPAIGN, IL 61821 **VERMILION CHAMPAIGN** FITHIAN STORAGE FACILITY 1518 E 1800 NORTH ROAD FITHIAN, IL 61844 TUSCOLA STORAGE FACILITY -ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT 1200 E US HWY 36 CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS TUSCOLA, IL 61953 ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED. **DOUGLAS** JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

SCALE FOR MAIN MAP: N-T-S

NET LENGTH = N/A FT. = N/A MILE

PROJECT ENGINEER: JASON STULTS, P.E. PROJECT MANAGER: JASON GOBLE PHONE: (217) 465-4181

CONTRACT NO. 70E36

1-800-892-0123 OR 811

REV. 11/16/20

TOTAL SHEET SHEETS NO. 2021-1 SALT CONTAINMENT

P-95-010-20

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SCHEDULE OF QUANTITIES

SITE PLANS

12-14 DETAILS

## **HIGHWAY STANDARDS**

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS 000001-08

001001-02 AREAS OF REINFORCEMENT BARS

DECIMAL OF AN INCH AND OF A FOOT 001006

701901-08 TRAFFIC CONTROL DEVICES

## **COMMITMENTS**

THERE ARE NO COMMITMENTS FOR THIS CONTRACT.

## **GENERAL NOTES**

ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N.-105.09A

ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G.N.-503 SPL

SYNTHETIC FIBERS SHALL BE TYPE III ACCORDING TO ASTM C 1116. THE SYNTHETIC FIBER SHALL BE A MONOFILAMENT OR BUNDLED MONOFILAMENT WITH A MINIMUM LENGTH OF 1.0 INCH (25MM) AND A MAXIMUM LENGTH OF 2.5 INCH (63MM), AND SHALL HAVE A MAXIMUM ASPECT RATIO (LENGTH DIVIDED BY THE EQUIVALENT DIAMETER OF THE FIBER) OF 150. THE MINIMUM QUANTITY OF SYNTHETIC FIBER(S) ADDED TO THE CONCRETE MIXTURE SHALL BE ACCORDING TO THE DEPARTMENT'S QUALIFIED PRODUCT LIST OF SYNTHETIC FIBERS. THE SYNTHETIC FIBERS SHALL BE ADDED TO THE CONCRETE AND MIXED PER THE MANUFACTURE'S RECOMMENDATION. THE SYNTHETIC FIBERS SHALL BE INCLUDED IN THE COST OF CONCRETE STRUCTURES.

USER NAME - goblejr	DESIGNED -	REVISED -
	DRAWN - JRG	REVISED -
PLOT SCALE = 61.8182 / In.	CHECKED -	REVISED -
PLOT DATE = 10/15/2020	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

	IN	DE)	( OF	SHI	EETS	, HIC	GHWAY	STANDA	RDS,
	0	ÈΝ	ERAL	NO	TES	&	COMMI	TMENTS	
5	SHEET	1	OF	1	SH	EETS	STA.		TO ST

SCALE: NTS

F.A. RTE.	SECT	ION	COUNTY	TOTAL SHEETS	SHEET NO.					
VAR.	40	4		*	14	2				
			CONTRACT NO. 70E36							
		ID PROJECT								

# **SUMMARY OF QUANTITIES**

		LOCATION	OF WORK	LEVERETT, TUSCOLA, FITHIAN	LEVERETT	TUSCOLA	FITHIA
				IDOT STORAGE FACILITIES			
				RURAL	RURAL	RURAL	RURA
			COUNTY	CHAMPAIGN, DOUGLAS, VERMILION	CHAMPAIGN	DOUGLAS	VERMILION
		FUNDING E	BREAKOUT	STATE 100%	STATE 100%	STATE 100%	STATE 1009
		CONSTRUCTION T	YPE CODE:	0044	0044	0044	004
	CODE NO.	<u>ITEM</u>	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTIT
	20200100	EARTH EXCAVATION	CU YD	210.0	80.0	65.0	65.
	31100200	SUBBASE GRANULAR MATERIAL, TYPE A	CU YD	190.0	69.0	61.0	60.
	50300225	CONCRETE STRUCTURES	CU YD	177.0	63.0	57.0	57.
	50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1.0	0.34	0.33	0.3
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	14,990.0	5,210.0	4,890.0	4,890.
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	210.0	80.0	65.0	65.
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	3.0	1.0	1.0	1.
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1.0	0.34	0.33	0.3
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1.0	0.34	0.33	0.3
*	66901006	REGULATED SUBSTANCES MONITORING	CAL D	4.0	2.000	1.000	1.00
	67100100	MOBILIZATION	L SUM	1.0	0.34	0.33	0.3
	X5010205	REMOVAL OF EXISTING STRUCTURE, SPECIAL	EACH	1.0	1.0	0.0	0.
* SPE	CIALTY ITEM						

USER NAME - goblejr	DESIGNED - CDI	REVISED -
	DRAWN - JRG	REVISED -
PLOT SCALE = 61.8182 / In.	CHECKED -	REVISED -
PLOT DATE = 10/15/2020	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

CHAMMADY OF CHANTITIES								F.A. RTE.	SECTION	N	COUNTY	TOTAL SHEETS	SHEE NO.
SUMMARY OF QUANTITIES		VAR.	8-4	*	14	3							
						CONTRACT NO					0E36		
SCALE: NTS	SHEET	1	OF	1	SHEETS	STA.	TO STA.		ILUI	INOIS FED. A	ID PROJECT		

REV. 11/16/20

## **SCHEDULE OF QUANTITIES**

#### 20200100 EARTH EXCAVATION

LOCATION   DESCRIPTION   VOLUME (CU 7D)	QUANTITY (CU YD)
(CU YD)   CHAMPAIGN COUNTY (RURAL)   LEVERETT   CONTAINMENT STRUCTURE   80.0     SUB-TOTAL 1 =   USE =	(CU YD)
CHAMPAIGN COUNTY (RURAL)  LEVERETT CONTAINMENT STRUCTURE 80.0  SUB-TOTAL 1 = USE =   DOUGLAS COUNTY (RURAL)	80.00
LEVERETT CONTAINMENT STRUCTURE 80.0  SUB-TOTAL 1 = USE =   DOUGLAS COUNTY (RURAL)	80.00
USE = DOUGLAS COUNTY (RURAL)	
USE = DOUGLAS COUNTY (RURAL)	
DOUGLAS COUNTY (RURAL)	80.00
	80.00
TUROU A CONTAINMENT OTRUCTURE	
TUSCOLA CONTAINMENT STRUCTURE 65.0	65.00
SUB-TOTAL 2 =	65.00
USE =	65.00
VERMILION COUNTY (RURAL)	•
FITHIAN CONTAINMENT STRUCTURE 65.0	65.00
SUB-TOTAL 3 =	65.00
USE =	65.00
TOTAL =	210.00
NOTE: SEE PLAN DETAIL SHEETS 11-13 FOR MORE INFO. USE =	210.00
	CU YD

#### 31100200 SUBBASE GRANULAR MATERIAL, TYPE A

			31100200
LOCATION	DESCRIPTION	VOLUME	QUANTITY
		(CU YD)	(CU YD)
CHAMPAIGN COL	UNTY (RURAL)		
LEVERETT	CONTAINMENT STRUCTURE	69.0	69.00
		SUB-TOTAL 1 =	69.00
		USE =	69.00
DOUGLAS COU	NTY (RURAL)		
TUSCOLA	CONTAINMENT STRUCTURE	61.0	61.00
		SUB-TOTAL 2 =	61.00
		USE =	61.00
VERMILION COU	JNTY (RURAL)		
FITHIAN	CONTAINMENT STRUCTURE	60.0	60.00
		SUB-TOTAL 3 =	60.00
		USE =	60.00
	•	TOTAL =	190.00
NOTE: SEE PLAN DETAIL	SHEETS 11-13 FOR ADDITIONAL INFO.	USE =	190.00
	USE =     USE =       USE =		CU YD

#### 50300225 CONCRETE STRUCTURES

			50300225				
LOCATION	DESCRIPTION	VOLUME	QUANTITY				
		(CU YD)	(CU YD)				
CHAMPAIGN COUNTY							
LEVERETT	CONTAINMENT STRUCTURE	62.8	62.80				
	STAIRS	0.2	0.20				
		SUB-TOTAL 1 =	63.00				
		USE =	63.00				
DOUGLAS COUNTY (	RURAL)						
TUSCOLA	CONTAINMENT STRUCTURE	56.8	56.80				
	STAIRS	0.2	0.20				
		SUB-TOTAL 2 =	57.00				
		USE =	57.00				
VERMILION COUNTY	(RURAL)	•					
FITHIAN	CONTAINMENT STRUCTURE	56.8	56.80				
	STAIRS	0.2	0.20				
		SUB-TOTAL 3 =	57.00				
		USE =	57.00				
	*	TOTAL =	177.00				
NOTE: SEE PLAN DETAIL SHEET	TS 11-13 FOR ADDITIONAL INFO.	USE =	177.00				
JTE: SEE PLAN DETAIL SHEETS 11-13 FOR ADDITIONAL INFO.							

#### 50500105 FURNISHING AND ERECTING STRUCTURAL STEEL

			50500105
LOCATION	DESCRIPTION	EST. QUANTITY	QUANTITY
		(L SUM)	(L SUM)
CHAMPAIGN CO	UNTY (RURAL)		
LEVERETT	CONTAINMENT STRUCTURE	0.29	0.29
	STAIRS	0.05	0.05
		SUB-TOTAL 1 =	0.34
		USE =	0.34
DOUGLAS COL	JNTY (RURAL)	•	•
TUSCOLA	CONTAINMENT STRUCTURE	0.28	0.28
	STAIRS	0.05	0.05
		SUB-TOTAL 2 =	0.33
		USE =	0.33
VERMILION CO	UNTY (RURAL)		
FITHIAN	CONTAINMENT STRUCTURE	0.28	0.28
	STAIRS	0.05	0.05
		SUB-TOTAL 3 =	0.33
		USE =	0.33
	•	TOTAL =	1.00
NOTE: ESTIMATED (L SU	M) AMOUNT FOR QUANTITY PURPOSES	USE =	1.00
			L SUM

USER NAME - goblejr	DESIGNED - CDI	REVISED -
	DRAWN - JRG	REVISED -
PLOT SCALE = 61.8182 / In.	CHECKED -	REVISED -
PLOT DATE = 10/15/2020	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES										SEC	TION		COUNTY	TOTAL SHEETS	SHEET NO.
SCHEDULE OF QUANTITIES									VAR.	84		*	14	4	
												CONTRACT	NO. 7	0E36	
SCALE: NTS	SHEET	1	OF	2	SHEETS	STA.	TO STA.				ILLINO15	FED. A	ID PROJECT		
								++ 2021-1	SALT	ONTAINMENT		MEDA	JULION CHAMP	ALCON A. F	OHIGHAS

# **SCHEDULE OF QUANTITIES**

#### 50800205 REINFORCEMENT BARS, EPOXY COATED

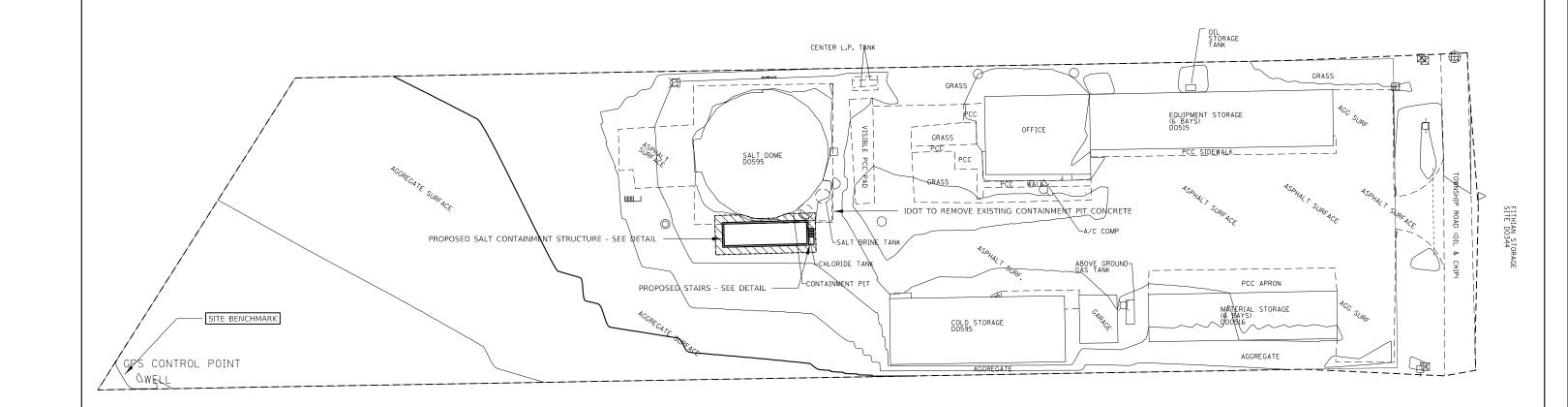
			50800205					
LOCATION	DESCRIPTION	WEIGHT	QUANTITY					
		(POUND)	(POUND)					
CHAMPAIGN COU	INTY (RURAL)	•						
LEVERETT	CONTAINMENT STRUCTURE	5170.0	5170.00					
	STAIRS	40.0	40.00					
		SUB-TOTAL 1 =	5210.00					
		USE =	5210.00					
DOUGLAS COUN	NTY (RURAL)	•	•					
TUSCOLA	CONTAINMENT STRUCTURE	4850.0	4850.00					
	STAIRS	40.0	40.00					
		SUB-TOTAL 2 =	4890.00					
		USE =	4890.00					
VERMILION COU	NTY (RURAL)							
FITHIAN	CONTAINMENT STRUCTURE	4850.0	4850.00					
	STAIRS	40.0	40.00					
		SUB-TOTAL 3 =	4890.00					
		USE =	4890.00					
	•	TOTAL =	14990.00					
NOTE: SEE PLAN DETAIL S	SHEETS 11-13 FOR ADDITIONAL INFO.	USE =	14990.00					

#### 66900200 NON-SPECIAL WASTE DISPOSAL

			66900200
LOCATION	DESCRIPTION	VOLUME	QUANTITY
		(CU YD)	(CU YD)
CHAMPAIGN COL	JNTY (RURAL)	•	
LEVERETT	CONTAINMENT STRUCTURE	80.0	80.00
		SUB-TOTAL 1 =	80.00
		USE =	80.00
DOUGLAS COU	NTY (RURAL)	•	
TUSCOLA	CONTAINMENT STRUCTURE	65.0	65.00
		SUB-TOTAL 2 =	65.00
		USE =	65.00
VERMILION COU	NTY (RURAL)		
FITHIAN	CONTAINMENT STRUCTURE	65.0	65.00
		SUB-TOTAL 3 =	65.00
		USE =	65.00
		TOTAL =	210.00
		USE =	210.00
			CU YD

USER NAME - goblejr	DESIGNED - CDI	REVISED -
	DRAWN - JRG	REVISED -
PLOT SCALE = 61.8182 / In.	CHECKED -	REVISED -
PLOT DATE = 10/15/2020	DATE -	REVISED -

COULDING OF CHANTITIES								SEC	TION		COUNTY	TOTAL	SHEET NO.
SCHEDULE OF QUANTITIES							VAR.	8-4		*	14	5	
											CONTRACT	NO. 7	0E36
SCALE: NTS	SHEET	2	OF	2 SHEET	STA.	TO STA.		ILLINOIS FED. A			ID PROJECT		



#### FITHIAN FACILITY ADDRESS:

1518 E. 1800 NORTH ROAD FITHIAN, IL 61844 VERMILLION COUNTY

BENCHMARK:

**→**ⓒ→ Z

CONCRETE MONUMENT IN SOUTHEAST CORNER OF YARD "FIT MAINT"
ELEVATION = 662.78

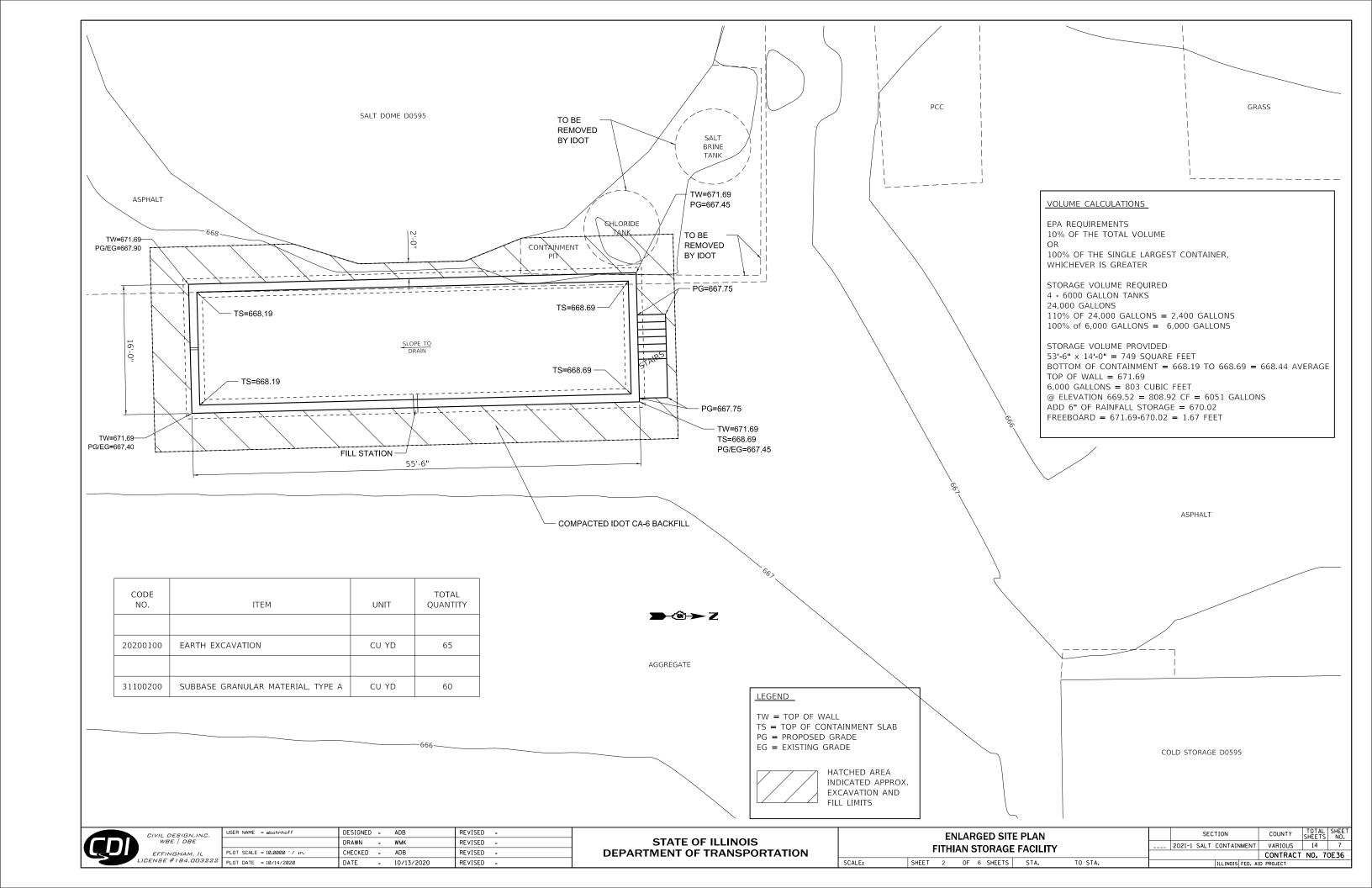
	CIVIL DESIGN,INC. WBE   DBE
رال	EFFINGHAM, IL ICENSE #184.003222

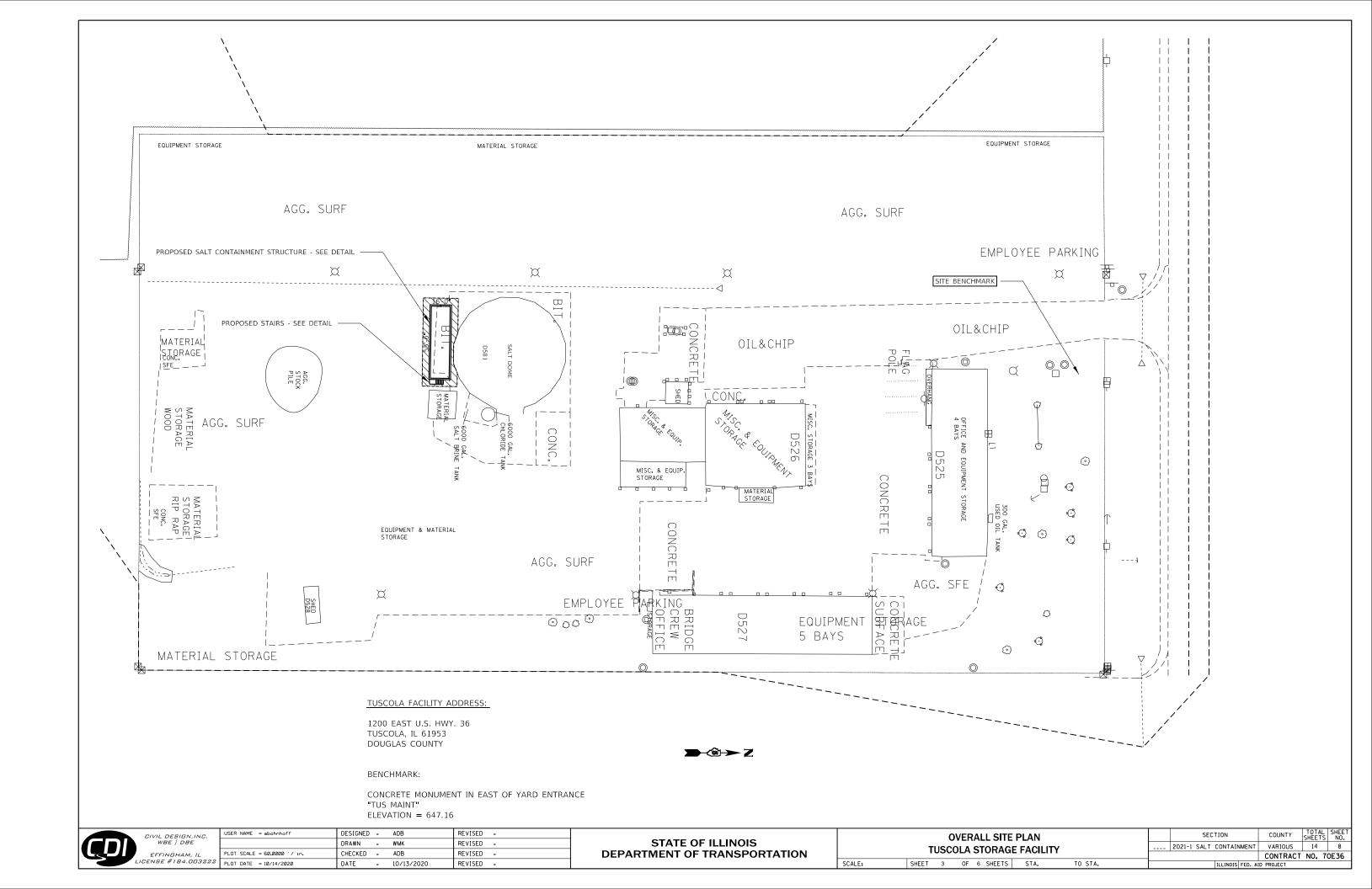
USER NAME = abohnhoff	DESIGNED	-	ADB	REVISED -
	DRAWN	-	WMK	REVISED -
PLOT SCALE = 60.0000 ' / in.	CHECKED	-	ADB	REVISED -
PLOT DATE = 10/14/2020	DATE	-	10/13/2020	REVISED -

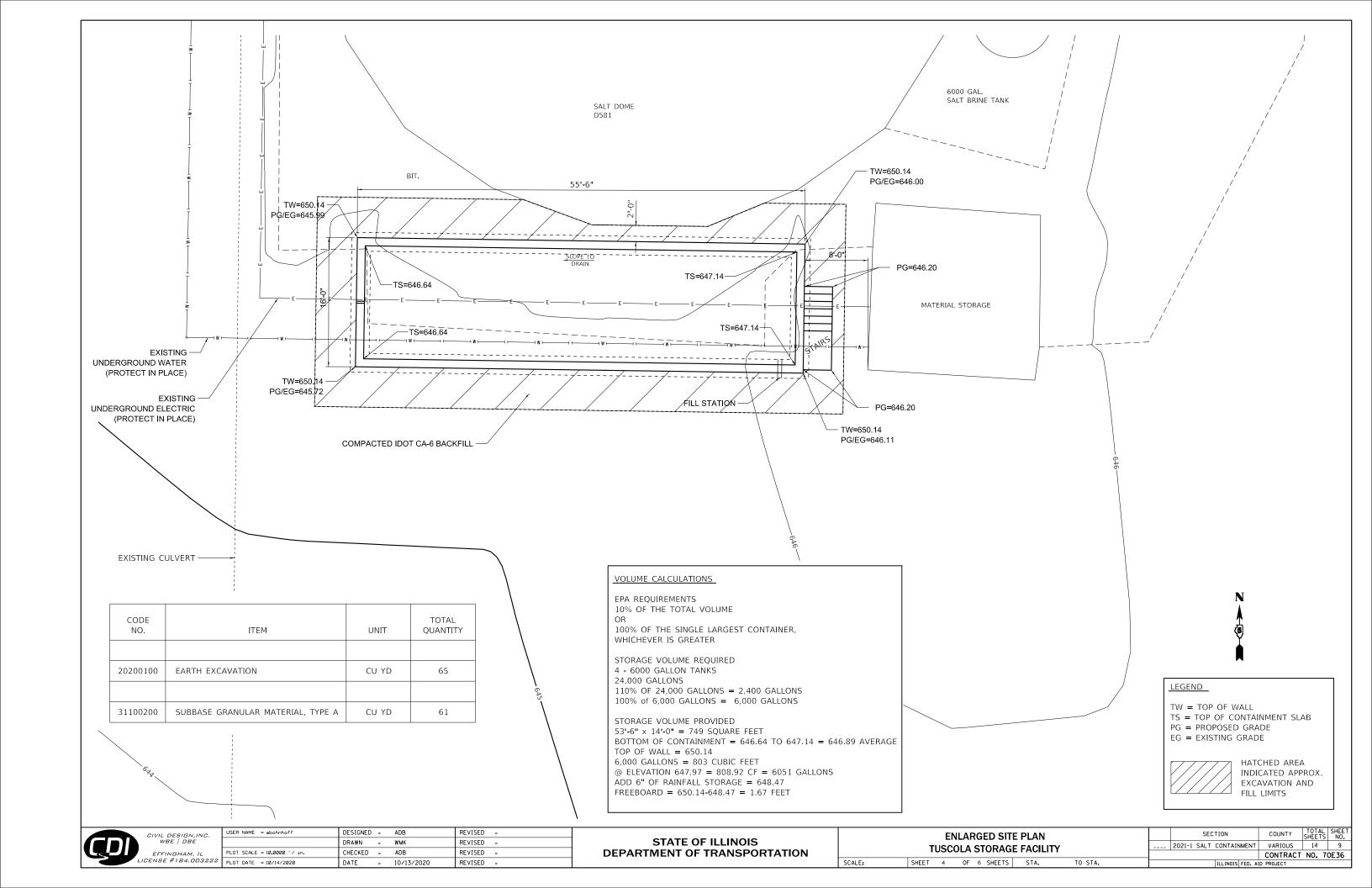
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

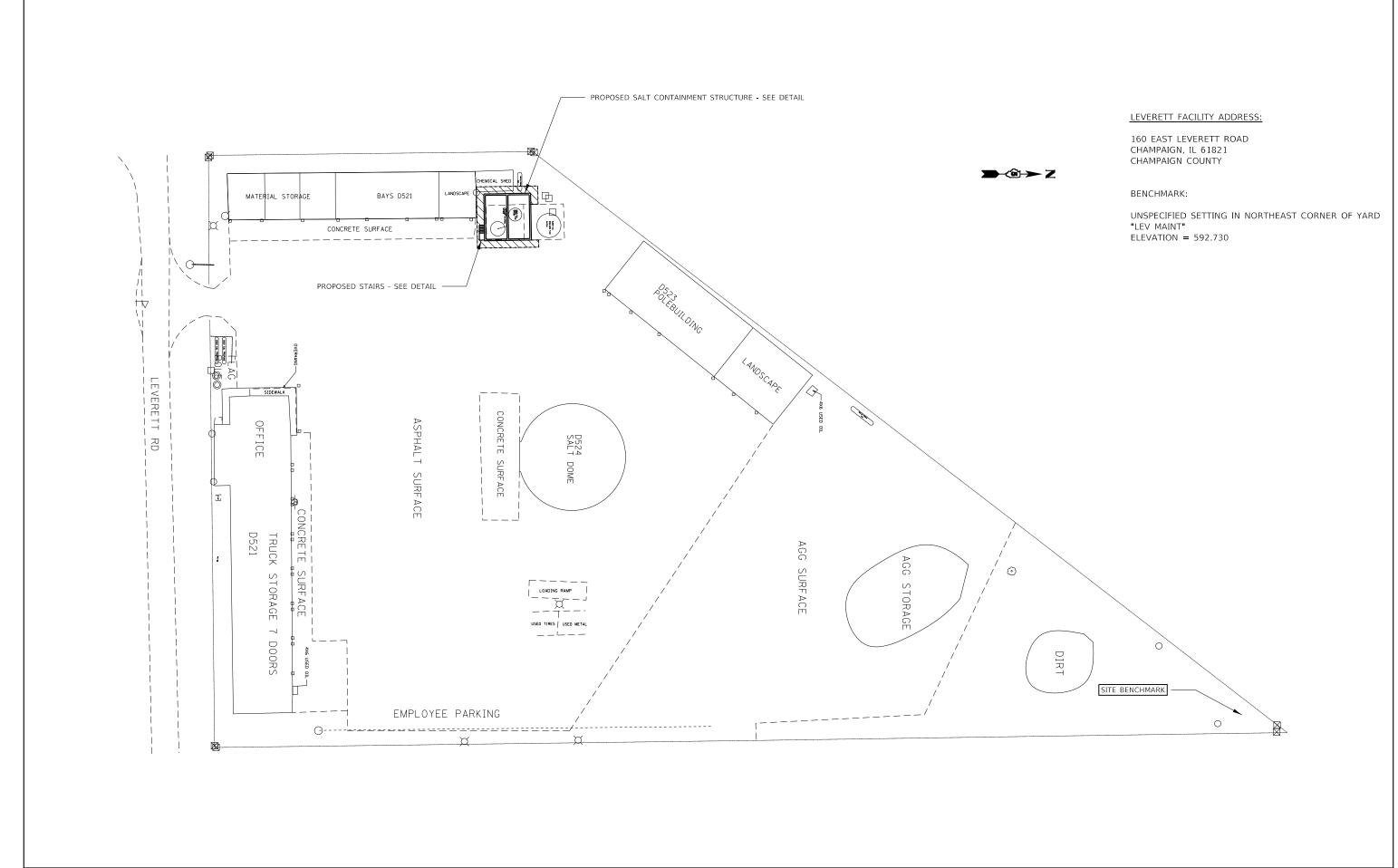
SCALE:

OVERALL SITE PLAN									SEC	TION	COUNTY	TOTAL SHEETS	SHEET NO.
FITHIAN STORAGE FACILITY							 2021-1 SA	AL T	CONTAINMENT	VARIOUS	14	6	
FITHIAN STORAGE FACILITY											CONTRACT	NO. 7	0E36
SHEET	1	OF	6	SHEETS	STA.	TO STA.				ILLINOIS FED. A	ID PROJECT		









CIVIL DESIGN,INC. WBE   DBE	U
EFFINGHAM, IL	PI
LICENSE #184.003222	Pi

USER NAME = abohnhoff	DESIGNED	-	ADB	KENIZED -
	DRAWN	-	WMK	REVISED -
PLOT SCALE = 60.0000 ' / in.	CHECKED	-	ADB	REVISED -
PLOT DATE = 10/14/2020	DATE	-	10/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

	OVERALL SITE PLAN										SEC	TION
LEVERETT STORAGE FACILITY										2021-1	SALT	CONTAI
			`	_			•					
	SHEET	5	OF	6	SHEETS	STA.	TO STA.					THE INOTS

I	SECTION				COUNTY	SHEETS	NO.	
I		2021-1	SALT	CONTAIN	MENT	VARIOUS	14	10
					CONTRACT NO. 70E36			
ı	ILLINOIS FED. AID PROJECT							

