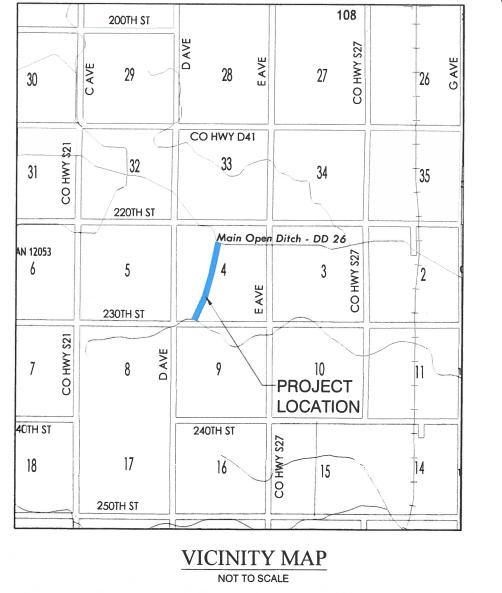
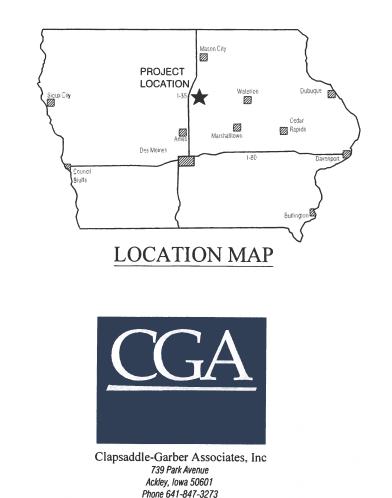
UPPER MAIN TILE DIVERSION DRAINAGE DISTRICT 56 HARDIN COUNTY, IOWA 2021



WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE IOWA STATEWIDE URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS, 2021 **EDITION (SUDAS)**



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SHEET NO. A.01 A.02

B.01

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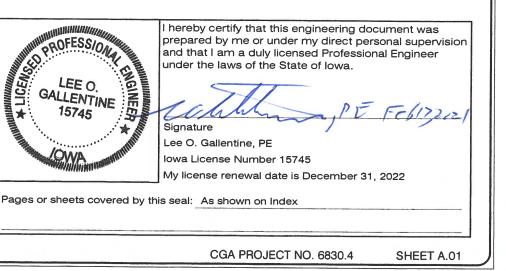
INDEX OF SHEETS

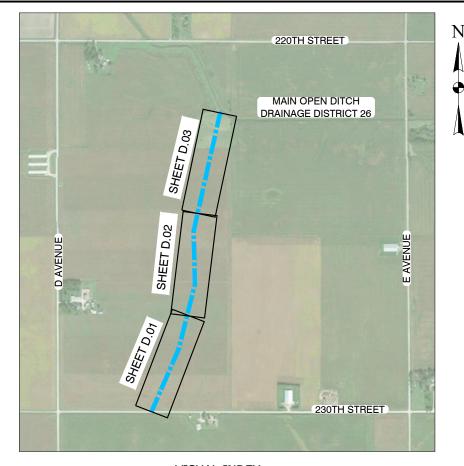
DESCRIPTION

TITLE SHEET

SYMBOLS, LEGEND AND GENERAL INFORMATION DETAILS

D.01 - D.03 **PLAN & PROFILE**





VISUAL INDEX NOT TO SCALE

BENCHMARKS:

HARDIN COUNTY GPS MONUMENT NO. 8006 2020 SURVEY ELEVATION = 1156.50

HARDIN COUNTY GPS MONUMENT NO. 8007 2020 SURVEY ELEVATION = 1203.31

PIPE MATERIAL ABBREVIATIONS ACP ASPHALT COATED PIPE -Δ\//\//Δ AMERICAN WATER WORKS ASSOCIATION -CMLC -CEMENT MORTAR LINED AND COATED CMP CORRUGATED METAL PIPE -DIP DUCTILE IRON PIPE -ELL ELLIPTICAL -HDPE HIGH DENSITY POLYETHYLENE -PPL POLYPROPYLENE PIPE -PVC -POLYVINYL CHLORIDE RCP REINFORCED CONCRETE PIPE -STRUCTURES. HOWEVER, CONTRACTOR SHALL BE PAID RCEC REINFORCED CONCRETE ELLIPTICAL PIPE -VCP _ VITRIFIED CLAY PIPE CONTRACTOR SHALL PROTECT ALL TREES (INCLUDING **ABBREVIATIONS** NOTED OTHERWISE. ALL TREES SHALL BE PROTECTED ADAAG AMERICAN DISABILITIES ACT ACCESSIBILITY GUIDE FROM DAMAGE TO TRUNKS, BRANCHES AND ROOTS. -NO EXCAVATING, FILLING, GRADING, HAUL ROUTES OR BM BENCHMARK -MATERIAL STORAGE SHALL BE WITHIN THE DRIP LINE BOC BACK OF CURB -REQUIRED, CONTRACTOR SHALL PROVIDE BRANCH AND CDS CUL DE SAC -CL CENTERLINE -EG EXISTING GROUND -EP EDGE OF PAVEMENT -FG FORM GRADE -ONLY VISIBLE UTILITIES ARE PLOTTED ON THESE PLANS. FL -FLOW LINE THERE MAY BE SOME, THE EXISTENCE OF WHICH MAY BE KNOWN OR UNKNOWN. THE CONTRACTOR SHALL ΗP HIGH POINT -INV INVERT WITH THE IOWA ONE-CALL SERVICE FOR THE ENTIRE -PROJECT PRIOR TO STARTING ANY CONSTRUCTION TO LP LOW POINT -MAX MAXIMUM -CONTRACTOR SHALL CONTACT ONE-CALL TO OBTAIN UTILITY LOCATES PRIOR TO STARTING CONSTRUCTION. MIN MINIMUM _ MUTCD -MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES PC POINT OF CURVATURE -UTILITIES, SERVICE, AND TILE LINES AT LEAST 24 HOURS PCC PORTLAND CEMENT CONCRETE -PRIOR TO ANY CONSTRUCTION TO ALLOW REVIEW FOR PRC POINT OF REVERSE CURVATURE -PT -POINT OF TANGENCY PLANS MAY HAVE BEEN REDUCED OR INCREASED IN R/W RIGHT OF WAY -SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED TOC TOP OF CONCRETE -

											TYP	- TYPICAL
NO.	REVISION	BY	DATE	NO.	REVISION	BY	DATE	$\mathcal{O}\mathcal{O}$	Clapsaddle-Garber Associates, Inc	DESIGNED: ZJS DATE:		AGE DISTRICT 56
								UGA	739 Park Avenue Ackley, Iowa 50601	DRAWN: KMN DATE:	DRAIN/	AGE DISTRICT 56
									Ph 641-847-3273	CHECKED: ZJS DATE:		HARDIN CO, IOWA
									www.cgaconsultants.com	APPROVED: LOG DATE:		TIAKDIN CO, IOWA

POSSIBLE UTILITY CONFLICTS.

WHEN OBTAINING SCALED DATA.

NOTES:

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ALL PIPE LENGTHS SHOWN ARE THROUGH ALL

ONLY FOR ACTUAL PIPE LENGTH INSTALLED IN

LIMBS) SHOWN IN THE PROJECT PLANS UNLESS

OF THE TREE(S) UNLESS OTHERWISE INDICATED. IF

BOOT PRUNING REQUIRED FOR THE MEANS AND

METHODS PROPOSED FOR THE NEW WORK BY A REGISTERED ARBORIST IN ADVANCE OF

ASSOCIATED NEW WORK ITEM.

CONSTRUCTION. COST SHALL BE INCLUDED IN THE

USE THE CONSTRUCTION PLANS IN CONJUNCTION

ALLOW REVIEW FOR POSSIBLE UTILITY CONFLICTS.

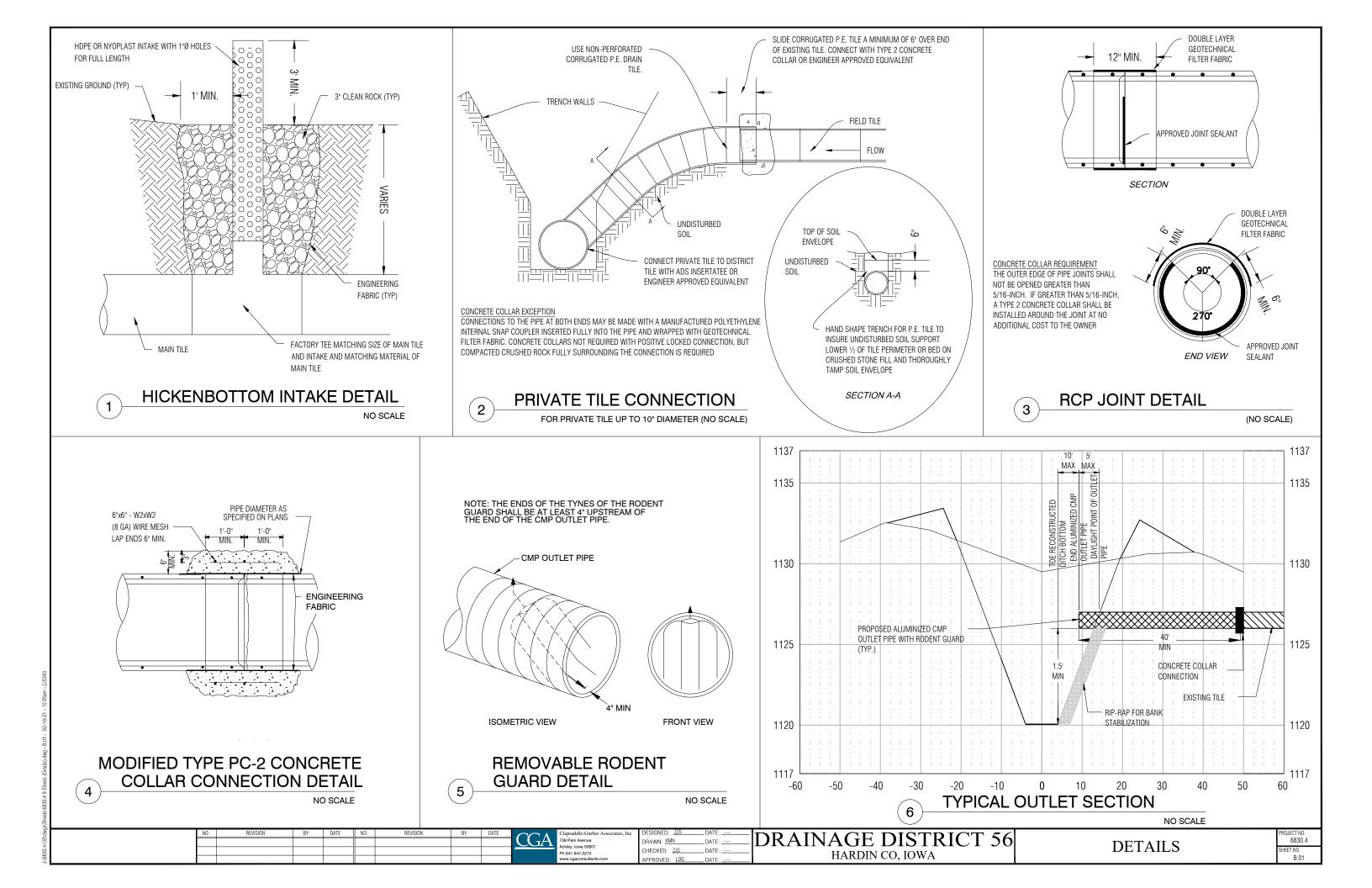
WHERE PROPOSED CONSTRUCTION SHALL CROSS

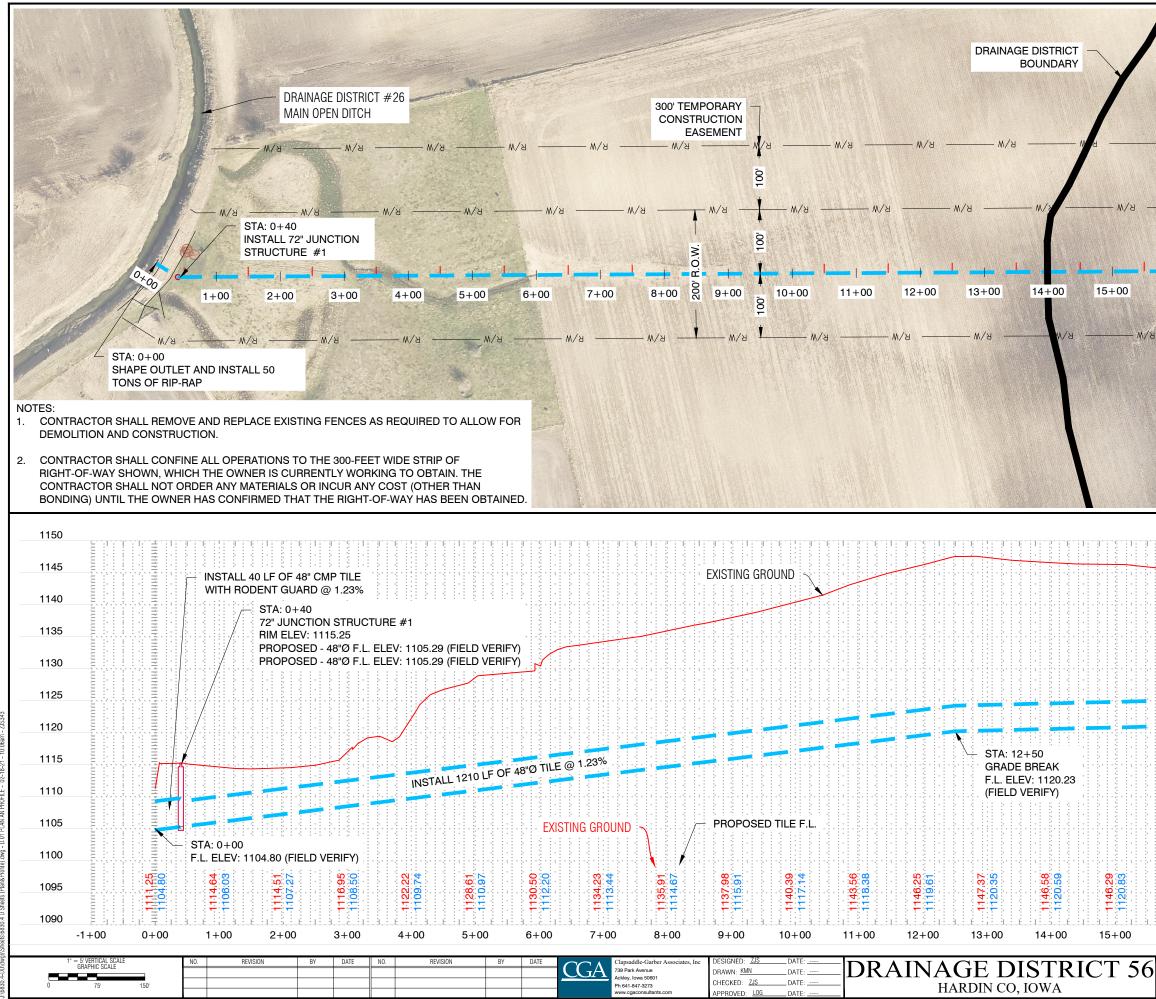
ATTENTION IS DIRECTED TO THE FACT THAT THESE

EXISTING UTILITIES, SERVICE, AND TILE LINES, CONTRACTOR SHALL LOCATE AND EXPOSE SAID

COMPLETED SYSTEM.

	PLAN SHEET LEGEND									
	EXISTING PROPOSED									
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	SIGN	SIGN	SIGN POST							
	(B)	(B)	SHRUBS (BUSHES)							
			DECIDUOUS TREE							
			EVERGREEN TREE							
	(—	<u>(</u>	GUY ANCHOR							
	Ø	۴	POWER POLE							
	$\langle \underline{\mathrm{I}} \rangle$	$\overline{\mathbf{D}}$	TELEPHONE PEDESTAL							
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			ELECTRICAL BOX/TRANS	ORMER						
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	*	÷¢-	LIGHT POLE							
	\bowtie		GAS VALVE							
	G	G	GAS METER							
	A	•	FIRE HYDRANT							
	\bowtie		WATER VALVE							
	Þ		WATER SHUT-OFF							
	\mathbb{M}	0	MANHOLE							
	-@	- o	TILE OUTLET							
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	——ОН Е———	—ОН Е —	OVERHEAD ELECTRICAL	LINE						
	xx	-00	FENCE							
DELINES	——————————————————————————————————————	G	GAS LINE							
	W (*)	w	WATERLINE							
	San(*)	San	SANITARY SEWER LINE							
	DT	DT	DRAIN TILE							
	StS (*)	StS	STORM SEWER LINE							
			PROPERTY LINE							
			SECTION/R.O.W. LINE							
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		0000	GRAVEL SURFACE/REMO	VAL						
			PROPOSED ACC PAVEME	NT						
			EXIST. ACC PAVEMENT/R	EMOVAL						
			EXIST. SURFACE MILLING	/OVERLAY						
			EXIST. BRICK/STAMPED CONCRETE							
5	SYMBO	OLS, LEG		PROJECT NO. 6830.4						
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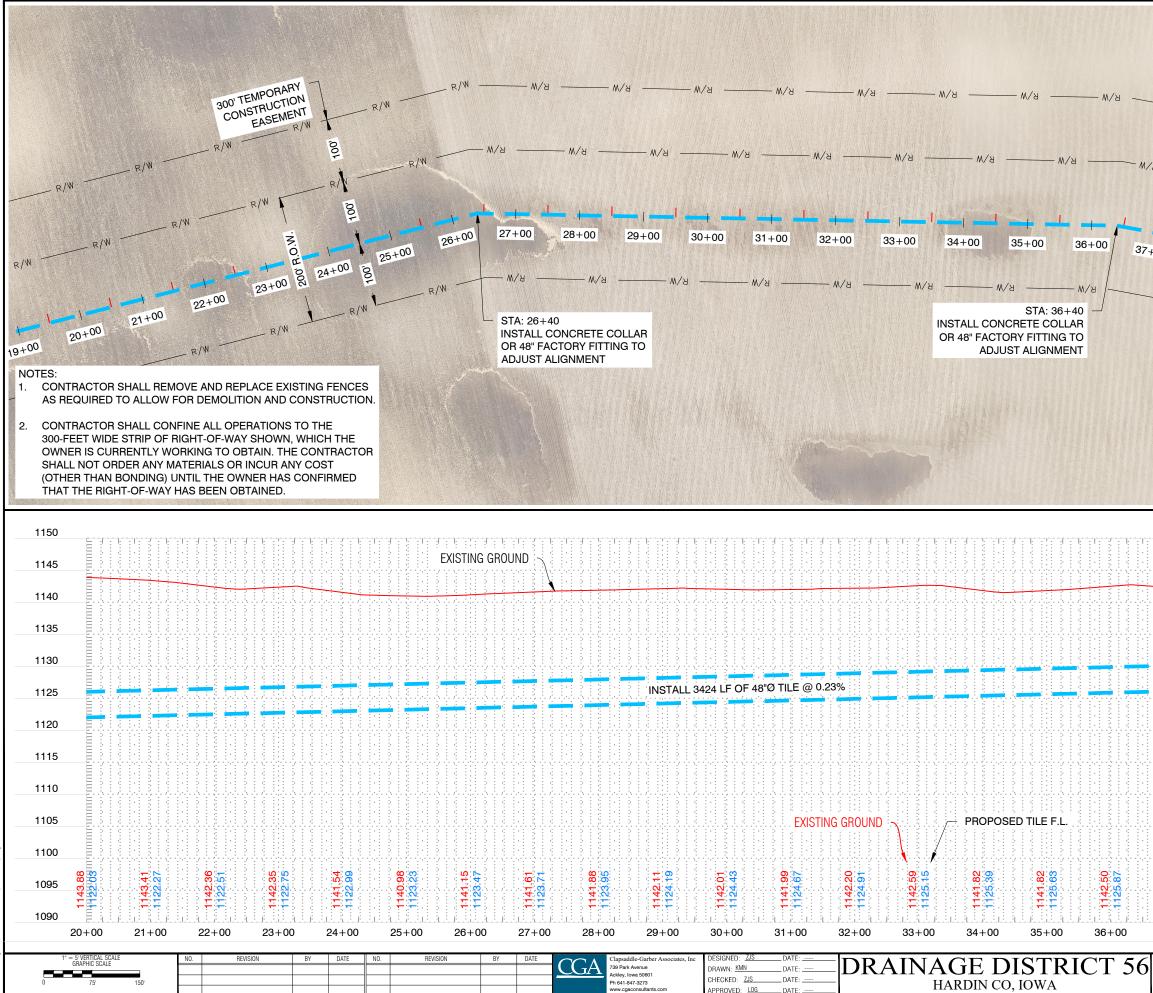




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5					ROFILE		PROJECT NO. 6830.4

PLAN AN PROFILE

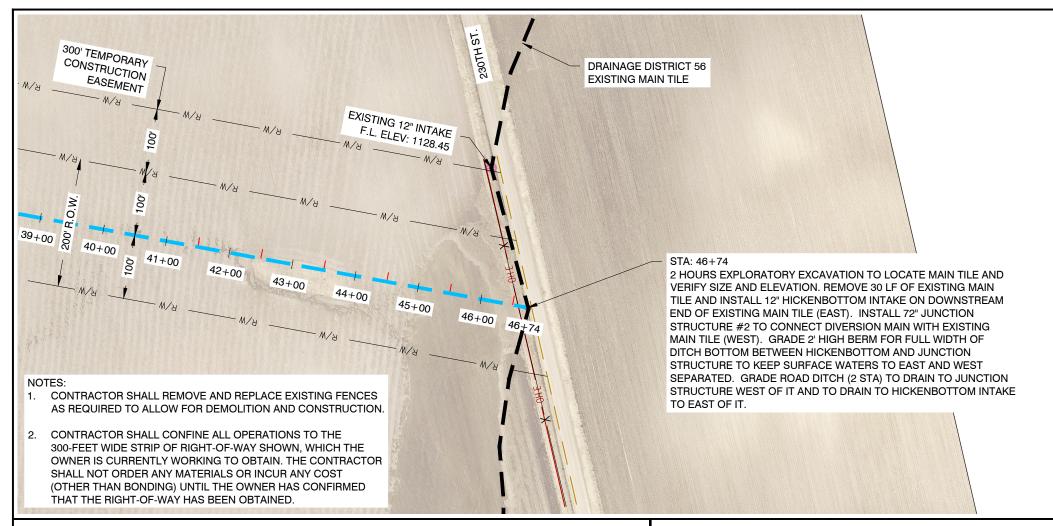
SHEET NO. D.01

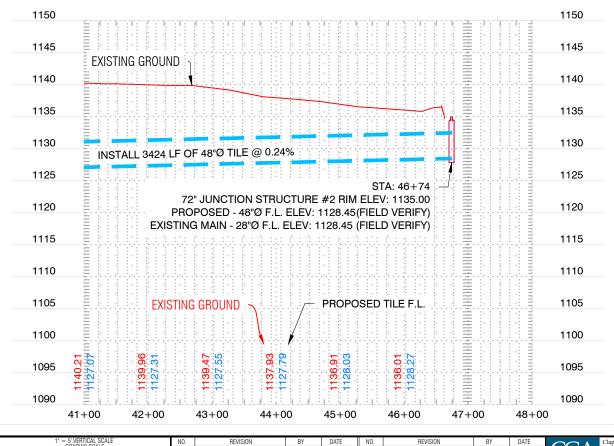


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5			PROJECT NO. 6830.4

PLAN AND PROFILE

PROJECT NO. 6830.4 SHEET NO. D.02





1" = 5' VERTICAL SCALE GRAPHIC SCALE	NO.	REVISION	BY	DATE	N0.	REVISION	BY	DATE	\mathcal{O}	Clapsaddle-Garber Associates, Inc	DESIGNED: ZJS	DATE:	$\mathbf{D}\mathbf{D}\mathbf{A}\mathbf{D}\mathbf{I}\mathbf{A}\mathbf{C}\mathbf{E}\mathbf{D}\mathbf{I}\mathbf{C}\mathbf{T}\mathbf{D}\mathbf{I}\mathbf{C}\mathbf{T}\mathbf{f}\mathbf{f}$
									U GA	739 Park Avenue	DRAWN: KMN	DATE:	DRAINAGE DISTRICT 56
0 75' 150'					1					Ackley, Iowa 50601 Ph 641-847-3273	CHECKED: ZJS	DATE:	HARDIN CO, IOWA
										www.cgaconsultants.com	APPROVED: LOG	DATE:	TIAKDIN CO, IOWA

PLAN AND PROFILE	PROJECT NO. 6830.4 SHEET NO. D.03

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