

361 Mallory Station Road Suite 102 Franklin, TN 37067

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www.GarverUSA.com

# Ù&[] A[, -ÁÙ^¦çã&^•ÁQ[¦ Øā) æÅÔ} \*ā] ^A[ā] \* ÁÖ~•ã] Áxaj åÁÓãa åā] \* Øā\|å•q[}^ÁØæa{{•ÁÞ[ÈĂFÁÚ`{] ÂÛcæeā[}} Ü^@æaājāñaæaā[} æ) åÁÛæ^cÂQ] ¦[ç^{ ^} @

## Purpose

V@ařÁ&[]^Á¦-Ár^¦ça&^•Áå[&`{^}orÁx@Á`}å^!•œa}åāj\*Áţ+ÃÕædç^¦Á[¦Áx@Aå^•ā\*]æ)åÅsääåäj\*•^¦ça&^• ¦^``ã^åÁų[Áų[]|^{{^}orÁx@Á^&[{{ ^}å^åÁ^@æàäjãaæa‡i}}Áæ)åÁ\*æ^ćÁų[]¦[ç^{ ^}orÁu[Á@ÁØä\*|å•q[}^ Øæd{•ÁP[ÈFÚ`{]ÂÛœæa‡i}ÈV@ärÁå[&`{^}oA;ä]IÁ\*^¦ç^Áæe Obccæ&@{^}cO2A[Áx@ÁÚ¦[-^••a];}æ4ÂU^¦ça&^• OE\*|^^{{^}ofAcE\*!^^{{^}}dĎáa^c,^^}Áx@ÁÔãcÁţ-ÁØaæ)\]3jÊŹVÞÁxQÔãcĎáegåÄõæeç^¦ÁxQÔ[}•`|œa)dDÈ

## Project Understanding

Y^Á`}å^¦•œa)åÁc@eeeÁ^[`Á, æ)cÁ`•Ád[Á]¦[çãå^Á•`¦ç^^ā]\*ÉÁå^•ã"}ÉÁàãååā]\*ÉÁæ)åÁ&[}•d`&dā[}Á]@ee^ •^¦çã&^•Á{[¦Á@:Á¦|[b^&dÉÁT[¦^Á]^&ãã&æ4|^ÉÅ, ^Á;![][•^Á{[Áee&&[{]]ã @k@:A[||[,ā]\*K

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- P[|å/\$ccÁ{; { caþ/ša^• ât } Á a8\ [ ~~Á ^^cā \*
- Ô[[¦åā]æex, i@@æ\*^[c\*&@]a&ea+&[}\*i[cæ]c\*i&&];\*i[cæ]cči@a;c\*iA, ālA&A^•][}\*āa]^A{;
  [àcæaj,ā]\*ÉAj,c\*i];^cā]\*ÉA;àA;cæj\*æaā]\*Á^^[c\*&@]a&ea+&aæeA;^A;iA;@A&\*\*a;A;A;A@#
  [àcæaj,ā]\*ÉA;c\*i];^cā]\*ÉA;àA;cæj\*æaā]\*Á^^[c\*&@]a&ea+&aæeA;^A;iA;A;@A&\*\*a;A;A;A;@#

- Ö^∙ā\*}ÁţÁæá,^,Á`à{ ^¦•āa|^Á,æ•c^,æe^¦Á,`{]ā,\*Á cæaāį}Áàæ•^åA(;}Áo@Aæ),ca&ajæe^å • 妿;āj\*ÁpãroÁse]]^}å^åÁq[Ás@ãÁa8[]^Å[,-Á,[¦\È
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- Ö^∙ãt}Áæi|Ác@^Á;^&^••æi^Á;d`&c`¦æipÉA`|^&cta8æipÉArXOBÔÉ&enjåÁQ0•d`{ ^}cæañj}BÔ[}d[|• }^&^••æ<sup>†</sup>Á[¦Ás@•Á,^, Á cæaā[}
- Ö^•āt}Ás@^Ád`&覿,4å^{[|ãaāj]}Áj-Ás@-Á^¢ãrcāj\*Áæ&3ajãað•
- $Q/\ddot{O}\dot{O}\dot{O}d_{s}$
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- Ú¦^]ælæeā[}Á[,Á&[}•d`&aā[}Á\$u!æ;ā]\*•Á;ā]|Á\$u^Á;!^]æl^åÁ[|Á^çã^, Ás^Áo@AZIæ)\|ājÁYæe^! Taa)az≛^{^}o/Ö^]azid{^}o/QOYTÖDÁ{¦Á^çã^, ÁseaÁc@AH€Ë]^¦&^}dÊâk€ËÚ^¦&^}dÊasi)åÁJ€Ë Ú^¦&^}oÁ,¦[b^&oÁ,ā^•d;}^•È
- Ú¦^]ælæaaā[}Á[+Á&[}•d`&aā[}Á]^&ããã&æaā[}•Á]ä[Áà^Á;\]æl^åA{[¦^çã\, Áà^Á@^ÁØ/æ}\|äj • Yær^¦ÁTæ)æ\*(^{^}o%Ö^]æ¦q'^}o%QYTÖDÁ\[¦Á^çã^\_kænka@Aî€ËÜ/\&^}o∰ab)@EËU/\&^}c ]¦[b∿&oÁ(ậ^•d[}^•È
- Ú¦^]æiææā;}Á;Á;]ā;ā;}Á;Á,'[à;ā;\Á;'[à;æà|^Á&[}•d`&aā;}Á&[•o•Á;ā]Á&^A;!^]æ'^åÁ[¦Á^çā^、Áà`Á∞@ ØY T ÖÁædÁs@ÁÎ,€ËÚ^¦&^}dÊJ€ËÚ^¦&^}dÊæjåáAØãjadÁ¦[b/&dÁi ã/∿•d[}^•È
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- Öã;]^}•^Á&[}•d`&dā;}Á&[}d:a&Aåk[&`{ ^}o•Át[Á,¦[•]^&dā;^Åbäåå^\+Á@aeÁv@^Áa‡]}[¢ã;aæ^&&[•A{,~ ¦^]¦[åĭ&cā[}Åæ)åÁ@æ)å|ā[\*DÈ
- Ù`]][¦0Ás@A&[}dæ&A&[&`{ ^}orAà^Aj¦^]ædāj\*Aæåå^}åæAæ}Aa]|{[]¦ãæe∧È
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V@\ÁÔ|ā^}oÁ,ā|Á,¦[çãa^Áæ),åÐ;¦Áæ&&[{]|ã;@kb@\Á[||[,ã;\*K

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- QÈ Ú¦^çãį ઁ Áseçæãjæà |^Á č ¦ç^ˆ ÊÂ^] [ ¦o• Ê c& È
- HÈ Ô`¦¦^}o%a[`}忦^Á\*¦ç^^Á;ão@Á\*æe^{{^}orÁ[-Á^&[¦åÁ]|[oc^å
- IÈ Úæîāj\*Áæq|¦^æ•[}æà|^]|æ)Á^çã∿,Áæ)åÁæåç^¦cãrãj\*Á&[∙o•È

ÍÈ Ø´¦}ãr@aj\*ÁæqlÁj^¦{ãn•Áæg)åÁj¦[çããaj\*Áj^¦{ãnÁ^çã^, Á^^•È

Q[¦Á&|ælāã&ææāį}}Êá,`¦Á,¦[][•^åÁ,&[]^Á, Á^^¦çã&^•Áå[^•Á, [ơáş,&|`å^Ás@?Á[/||[¸ā,\*K

- FÈ Woājāc Á^ | [&æeaj]; Áå^•āt } Áj c@ \ Ás@eaj Á, æe^ \ Áæj å Á^ \_ ^ \ È
- GÈ Y^qaa)å•ÁsãA}cãã&aaaāi}Á;lÁ;áãã aaaāi}Áså^•ãt}Á;lÁ;c@:lÁ;[¦\Á^|aae^åÅ{EÁ}}çã[]{ ^}caa|^Â;lÁ@aiq[¦3&aq|^ Ç&`|c`¦aq|^DÁ:ã}ãã&aa)o%sc^{•È
- HÈ Ô@ea) \*^^á\í Á, `ada) ¦Ás^•ā\*}À\? { }^\? { }^\@akec\*\A\; cşā;`•Asaā^&cā;}A; lÁsā; Asaā, Asaā, Asaā) A; æ&&{{ { [ åæ^\ÁÔ|ā^} cq A; ¦ÁJ, }^\q As`å\*^Oxeer\A^&^ā; OA; ~A&[}•d`&cā;}Asāa;•As@exA\*¢&^^åAÕæ;c^\q &{[•OA;]ā;ā;}•È
- ļÈ Ô[}∙d`&qāį}Á(æe^¦ã憕Áe^•qā;\*È
- ĺĖ Øājæ)&ãæ¢Áæ∙ājœa;&∧Áč]][¦dÈ
- <u>Ĵ</u>ÈÔ[}∙dĭ&cāį}Ájà∙^¦çæcāį}È
- ΪÈÔ[}∙dĭ&cā[}Áæå{ājā≉dæaā[}È
- ÌÈ U]^¦æaāį}•Á`]][¦c4āy&|ĭåāj\*ÁcceddË]EÄį]^¦æaāį}Áae)åÁ(æaājc^}æa)&^Êdæaājāj\*E&ae)å\_jæd;æd;c´Á`]][¦c •^¦çã&^•È

V@••^Áæ)åÁ[c@¦Á•^¦ça&^•Áæ4^Á&[}•ãå^¦^åÁæeÁ^¢dæ4,[¦\Áæ)åÁ&æ)Áà^Áæåå^åÁd[Ác@ãeÁæ4;\^{ ^}cÁà^ ,¦ãæ^}Áæ{ ^}å{ ^}cæeÁ,`čæa|Áæ4;\^åÁ][}Áa5ák[[c@4Åæ4à\*)È

#### Schedule

Y^Á,āļlÁa^\*ā)Áo@Á,[¦\Á`][}Á,[ca&^Át[Á];[&^^å aə)åÁ,āļlÁa&&&[{]|ãr@Áv@Á,[¦\Á;}Áaz4,`čae||^Áez\*¦^^aaà|^ •&@å`|^ÈCEÁ&@å`|^Á,ā]lÁa^Á;¦[çãa^åÁt[¦Ás@ÁÔãc`qnÁ^çã\, æaAs@Át[¦{a‡}å^•ã\*}{ ^^cā}\*È

#### Payment Terms

Ø[¦Ác@Á][¦\Áå^•&¦āa^åÁ'}å^¦c@ÁÙ&[]^Á[ÁÛ^¦çã&^•Êc@Ôãĉ],ā|Á]æÂŐækç^¦æq[cæk;}[ÓAŢ ^¢&^^å æ{[`}c[~ÅGIFÊEEEEĂOEA^•cā[æc^Á[Ac@Áq[œkkÁæe>\Á&[•orÁæk^å^•&¦ãa^åÁBJÁc@Áæaà|^Áà^|[`ÉV@Ôãĉ ā]c^}å•Áq[Á]æÂŐækç^¦Á¦[{ÁãorYæc%¦ÁÖ^]ækq(^}cM2び}啿)åÁA^]¦^•^}orÁc@æckÁ\*}å•Áæçæaajæà|^Áq[ ]æÂŐækç^¦É4\¦Á\*}å•Á;ā|Áà^Áa[¦¦[、^åÁ¦[{Áæe}[c@¦Á[`¦&^ÁæeAj^&^••æ'Á{A;Á;æÂŐækç^¦È

QÁbe)^Á);æ?{^}cå`^ÁÕælç^¦Á`}å^¦Áx@éiÁe#'¦^^{^}óñéiÁ;[ơÁ^&^ãç^åÁ;ãx@éiÁ`€Áåæ?•Á¦[{Áåæe^Á;Áðjç[3&^Ê Őælç^¦Á(æ)Á^|^&oÁţÁ\*\*•]^}åA+^¦çã&^•Á`}å^¦Ác@éiÁe#'¦^^{^}oÁ;ãx@{`oÁ]^}æ¢cÁ;¦Ájã`ãåæe∿åÁåæ{;æ\*^• æ•^••^åÁ¦[{Áx@:ÁJ\_}^!È

Ö^∙ð}	ÅGFI ÊG€€
Õ^[ c^&@ &&#ÂJ^¦ç&^•</td><td>ÅÌ ÊG€€</td></tr><tr><td>Óãa åð *</td><td>ÅFÌ Ē €€</td></tr><tr><td>V[ œŧ Œ UVÁ/UÁÒÝÔÒÒÖD</td><td>ÅG FÊ€€€</td></tr></tbody></table>	

<u>Ozaáãaā]}æ‡Ù^¦ça&^•ÁQD¢dæÁY[¦\DÈ</u>Ø[¦Á,[¦\Á}[oÁå^•&¦aā^åÁ[¦Áā]&|`å^å ā] o@ ÁÙ&[]^Á[~ÁY[¦\à`c ¦^``^•o\*åÁà^Ác@ Ôãc`ā]Á,¦ãaā]\*Êc@ Ôãc`,ā]|Á]æ`ÁÕæ¦ç^¦ÉA{[¦Ácā[^Á•]^}oÁ[}Ac@ Á]¦[b^&dÉÆæcÕæ¦ç^¦q æacæ&@ åÁæe\*•ÁQD¢@ãaãaÁODÈ

# Proposed Drawing List

#### DRAWING TITLE

COVER SHEET/INDEX OF DRAWINGS

CIVIL ABBREVIATIONS AND NOTES LEGEND

STRUCTURAL LEGEND

PROCESS AND INSTRUMENTATION DIAGRAM LEGEND

BUILDING MECHANICAL LEGEND

ELECTRICAL LEGEND

SITE PLAN - EXISTING

DEMOLITION AND EXCAVATION PLAN

ENLARGED SITE GRADING AND PAVING PLAN

YARD PIPING PLAN

PUMP STATION PLAN AND SECTIONS

ODOR CONTROL PLAN AND SECTIONS (ALTERNATE) CIVIL DETAILS 1 CIVIL DETAILS 2 CIVIL DETAILS 3 EROSION CONTROL PLAN EROSION CONTROL DETAILS YARD STRUCTURES ELECTRICAL SITE PLAN PROCESS AND INSTRUMENTATION DIAGRAM EXISTING WETWELL ABANDONMENT 1 EXISTING WETWELL ABANDONMENT 2 EXISTINGDRY WELL ABANDONMENT DEMOLITION PLAN - ELECTRICAL

WET WELL BOTTOM PLANAND SECTION VALVE VAULT BOTTOM PLANAND SECTION VALVE VAULTAND WET WELL TOP PLAN SECTIONS AND DETAILS 1 SECTIONS AND DETAILS2 ELECTRICAL BUILDING FOUNDATION AND FLOOR PLAN ELECTRICAL BUILDING ROOF PLAN AND SECTIONS ELECTRICAL BUILDING ELEVATIONS ELECTRICAL BUILDING SECTIONS AND DETAILS 1 ELECTRICAL BUILDING SECTIONS AND DETAILS2 ELECTRICAL BUILDING AND SET WELL POWER PLANS ELECTRICAL BUILDING LIGHTING AND GROUNDING PLANS ONE-LINE AND LIGHTING PANEL PUMP MOTOR CONTROL 3-LINE DIAGRAM PUMP MOTOR CONTROL SCHEMATIC 1 PUMP MOTOR CONTROL SCHEMATIC 2 MAIN CONTROL PANEL/RTU LAYOUT MAIN CONTROL PANEL/RTU SCHEMATIC 1 MAIN CONTROL PANEL/RTU SCHEMATIC 2 PLC I/O LIST PLC TYPICAL I/O 1 PLC TYPICAL I/O 2 HVAC PLAN HVAC SCHEDULES HVAC DETAILS SCADA ARCHITECTURE CIVIL DETAILS STRUCTURAL DETAILS 1 STRUCTURAL DETAILS 2 STRUCTURAL DETAILS 3 STRUCTURAL DETAILS 4 ELECTRICAL DETAILS ELECTRICAL DETAILS

## Garver Hourly Rate Schedule

Classification		Rates
Engineers / Architects		
E-1	\$	92.00
E-2	\$	106.00
E-3	\$	129.00
E-4	\$	150.00
– E-5		183.00
– – E-6		228.00
– • M-1		300.00
Planners / Environmental Specialist	-	
P-1	\$	108.00
P-2		137.00
Designers	-	
D-1	\$	84.00
D-2	\$	99.00
D-3	-	116.00
D-4.	\$	138.00
Technicians	<b>•</b>	100.00
T-1	\$	66.00
T-2		84.00
Т-3	φ \$	102.00
Surveyors	Ψ	102.00
S-1	\$	41.00
S-2	φ ¢	
	¢	54.00
S-3	\$	71.00
S-4	\$	105.00
S-5	+	140.00
S-6	-	163.00
2-Man Crew (Survey)		169.00
3-Man Crew (Survey)		210.00
2-Man Crew (GPS Survey)		189.00
3-Man Crew (GPS Survey)	\$	230.00
Construction Observation		
C-1		80.00
C-2		
C-3		
C-4	\$	163.00
Management/Administration		
M-1	\$	300.00
X-1	\$	52.00
X-2	\$	71.00
X-3	\$	99.00
X-4	\$	135.00

Agreement for Professional Services

Fieldstone Farms Pump Station No. 1 Rehabilitation and Safety Improvem@atser Project No. 13068060