

Project Scope Form

Project Name:	898900 - Governmental job orders
Work Orders:	898900
Start Date:	4/1/2023
Complete Date:	10/31/2023
Additional Details regarding dates	Work will need to start in the West end of the project. Completion times will be in 3 phases and facilitated in conjunction with municipalities.
Pre-Bid Meeting:	3/2/2023
Questions Due:	3/9/2023
Bid Due:	3/16/2023
Bid Award:	3/23/2023
Pricing Structure:	Firm/Lump Sum
Work Hours Per Week:	50

General Project Description

Please refer to the detailed descriptions outlined below for each Work Request associated with this Bid Package. All bids should include building the structure only for vipers/Regulators, and capacitor banks. We will include these devices in ordering material and PAR's automation team will coordinate with GF on pick up from lay down yard. Viper Reclosers/Regulators will be worked by PAR Automation and scheduled for installation between GF and PAR's automation team.

Job Description by Work Order ID

Work Order #1: 898900
 Description: - Direct Hours 6843
 - Remove/Install (71 poles total/12 steel poles)
 - Rebuild existing OH with 477 AA along new alignment
 - Unity Village private underbuild from Main until the Apple Farm will be removed with removal of the existing poles and OH - Unity must disconnect and remove crossing over Colbern Rd (I believe that Barts Electric is their contractor to coordinate with)
 - Replace Unity Village 12kv/2.4kv substation - a new padmount transformer has been ordered - delivery time is still unknown due to supply issues and the existing sub may need to be refed if the new padmount transformer does not arrive in time
 - replace existing padmount transformer at Unity Village - need to coordinate with Unity for the removal of transformer and installation of new transformer as service will need to be reworked during the exchange - existing transformer is difficult to access and will require a crane for removal
 - Underground conduit will needs to be installed and coordinated with survey contractor who will need to provide a legal survey and description for a new easement.
 -The city is staging the project in three phases. The first phase will need to be completed from 350 hwy to Main Street. This area will need to be built before grading is complete and those adjustments have been noted and need to be accounted for. The city is willing to coordinate the second phase from Main Street to

Douglas Ave and provide spot grading where necessary. They may not make adjustments for the entire length of the project but will set grade where steel poles are to be installed. The grading work will be completed when Evergy is working on phase 1.

-Phase 3 is from Douglas to the Honda dealership. This area is in front of the LS airport. Our real estate contractor is working with me to determine if an FAA permit is required and if so they will obtain. This is the last phase of the project.

-Some poles will need to be set extremely deep due to future cuts - those cuts have been noted on the print

Contractor Responsibilities and Special Considerations

Note, if "yes" is indicated below, the contractor is responsible for addressing the requirement listed, including all costs, labor, and materials applicable.

If "no" or blank the contractor should refer to any added comments or notes, otherwise the contractor is not responsible for costs, labor, or materials.

	Contractor Responsibility	Comments
Traffic Control	Yes	
Backfill	Standard	
Removal of Spoils	Yes	
Customer Outages	Yes - Day or Night	
Restoration Requirements	<i>Refer to comments</i>	Contractor Responsibility
Removal of Old Infrastructure	Yes	
Easements	<i>Refer to comments</i>	
Locates and Potholing	Yes	
As-Built Maps Maximo Asset Entry	Yes	Yes
Trench/Bore	Yes	
Vegetation	Yes	<i>14 days advance notice and coordination with Evergy required for any additional vegetation requirements.</i>
Switching	Yes	<i>Contractor will handle all simple transfers. All complex transfers will require Evergy coordination.</i>
Rock Risk	Heavy	
Permits	No	City project and will be able to work without a city permit; No Railroad permite necessary but flaggers are required.

Contacts	
All questions and concerns should be addressed through your Procurement Representative until it has been awarded. Once awarded all questions and concerns need to be addressed through Construction Supervisor. Additional contacts and resources are also available as indicated below.	
Construction Supervisor	Mike.Copeland@evergy.com
Designer	jenny.casey@evergy.com
Design Supervisor	doug.davin@evergy.com
Procurement Representative	valerie.wolf@evergy.com

Material	
Material will be provided by Evergy. Supplier will be required to provide Evergy advanced notice of material withdrawals and deliveries in accordance with Evergy material control requirements. Supplier shall be responsible for all Evergy provided material until the job is completed and accepted by Evergy. Any material that is lost or damaged while in the care and custody of supplier shall be replaced at the expense of the supplier.	
Store Room Location	F & M WEST DOCK- GMO
Show-up Location	Contractor Responsibility
Lay down yard Location	Contractor Responsibility
Long Lead time material	
VMM Box Location	

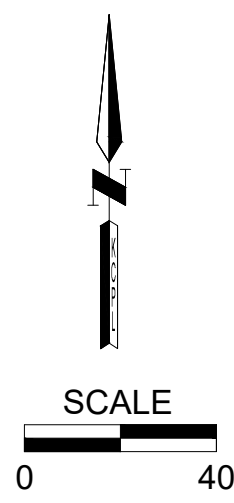
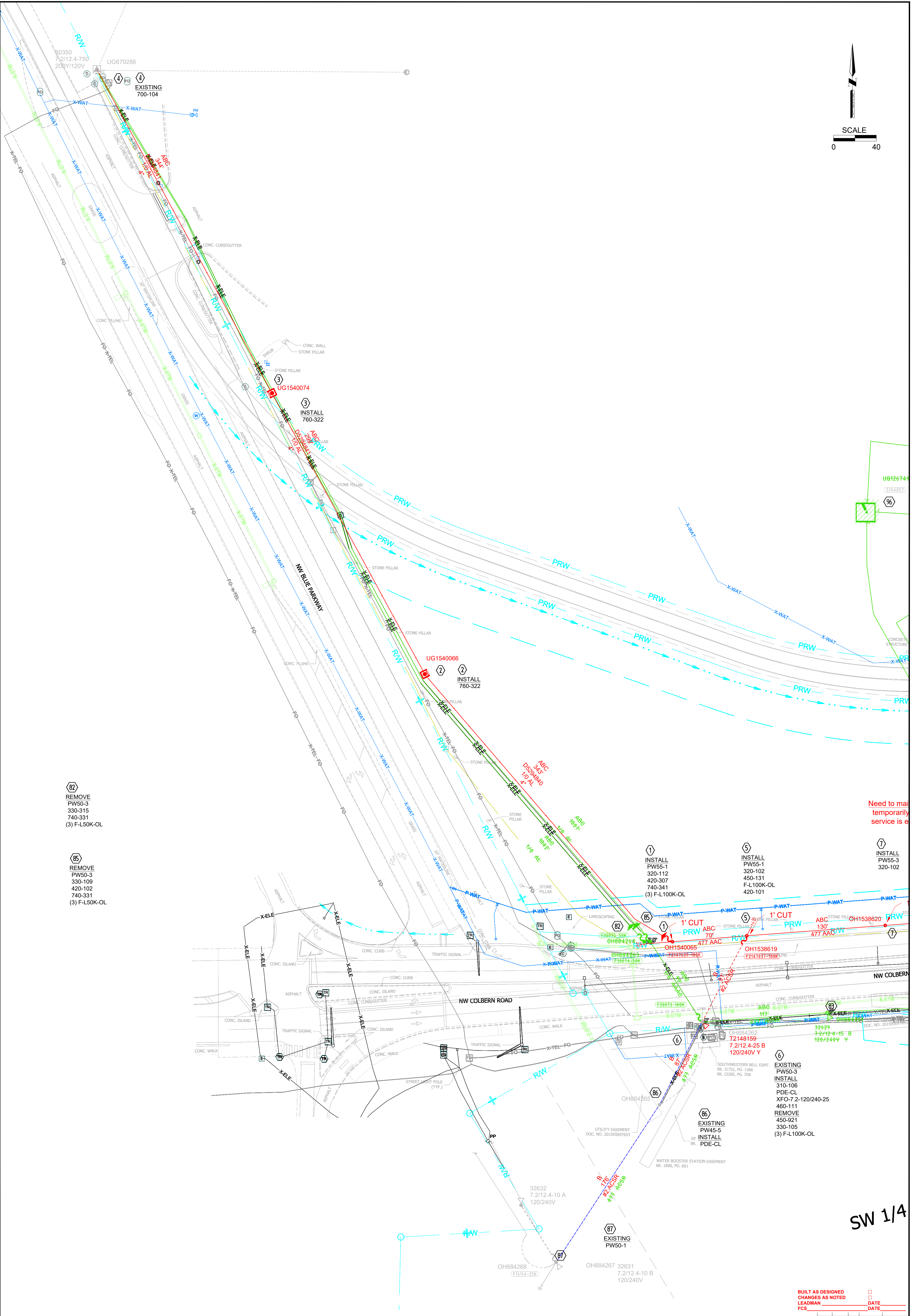
Responsibilities
Supplier must call the Evergy Program Manager before covering anything that can't be seen above ground. Cleanup and other non-critical operations can be completed within a reasonable time. Each Monday the supplier shall submit an updated schedule indicating the actual work performed during the previous week and an updated project completion date. The schedule shall also include the manpower utilized during the reporting week and a manpower forecast for the current week. Supplier shall be responsible for phase checking and proof testing of feeder cable. Evergy will not accept cable installation as complete until supplier's "proof testing" is verified and/or tested by Evergy or a third-party vendor. If, during verification testing, any failure is discovered, the supplier shall be responsible for necessary repairs. Supplier shall perform most of the field work with forces under the control and supervision of the supplier. If specific portions of the work are to be subcontracted, a subcontracting plan indicating the subcontractor's name, scope of work, timing of work, and contact name must first be submitted to the Evergy Program Manager for review and approval. Supplier shall be responsible for all locates prior to the start of the job. Any surveying required after the initial and replacement surveys by Evergy will be done at the expense of the supplier.

Supplier shall clean the job site and return all unused and salvaged material from the existing line using the Material Return Requisition. All material shall be returned to Evergy's laydown yard. A copy of the Material Return Requisition shall be provided to the Evergy Program Manager.

All property damage claims are the responsibility of the supplier. The Supplier is responsible for all damage to Evergy facilities resulting from their work, including labor and material costs associated with system repair. Cost of system repair will be deducted from the current invoice.

All work will be subject to Evergy inspection and approval.

Supplier shall submit marked-up as-built drawings of the completed installation within two (2) weeks of energization. The as-builts must include the foreman's or other representative's signature and date. At least one copy of the as-built drawing shall be a color print.



82
REMOVE
PW50-3
330-315
740-331
(3) F-L50K-OL

85
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740-331
(3) F-L50K-OL

Need to mai
temporarily
service is e

SW 1/4

BUILT AS DESIGNED
CHANGES AS NOTED
LEADMAN
FCS

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EXISTING
INSTALL
REMOVE
MODIFY



CONTACTS
PROJECT DESIGNER: JENNY CASEY
PHONE #: 913-579-8215
SURVEY: STEVE WHITAKER
PHONE #: 816-502-3942

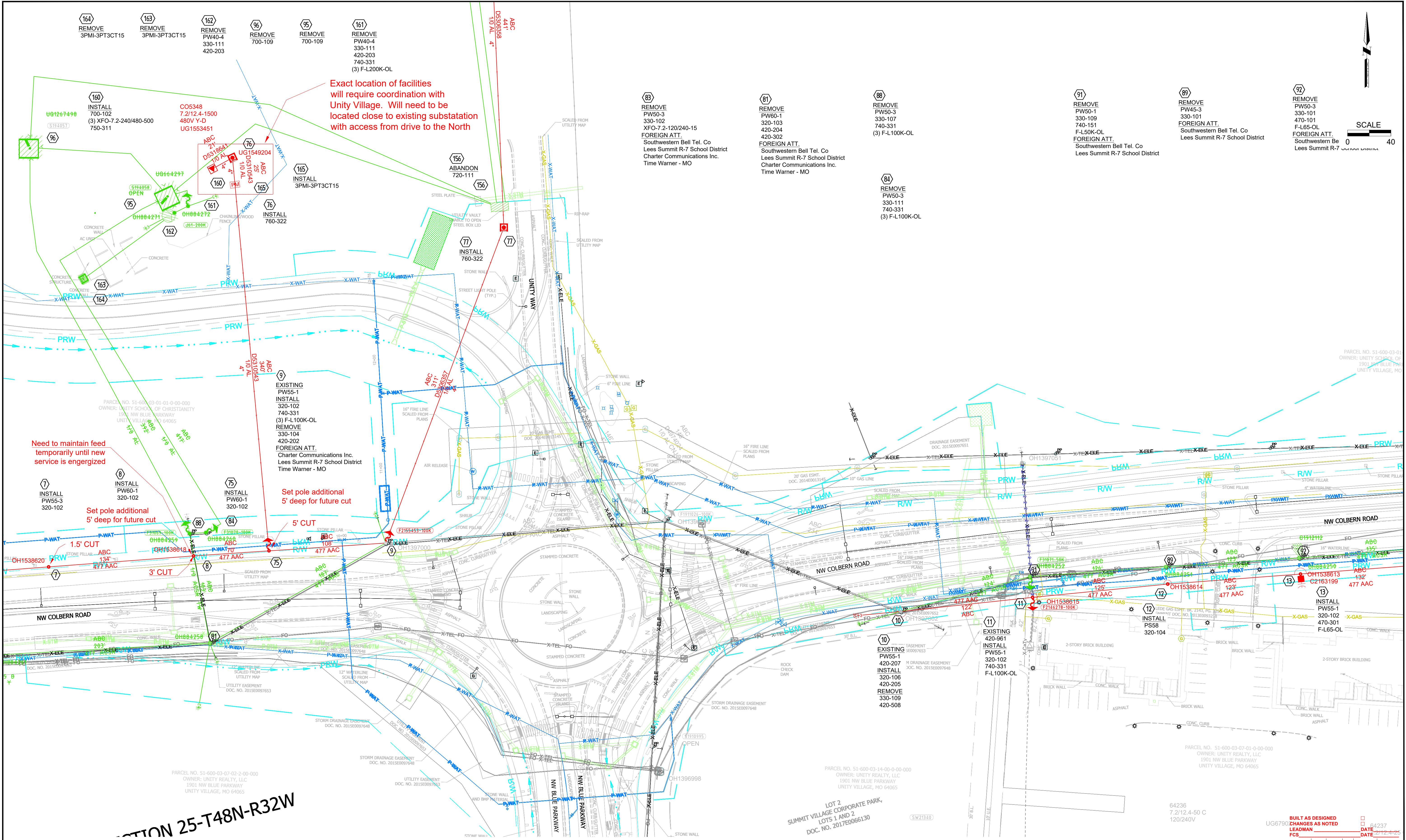
TITLE CITY OF LS
ADDRESS COLBURN RD
CITY LEES SUMMIT
COUNTY JA STATE MO

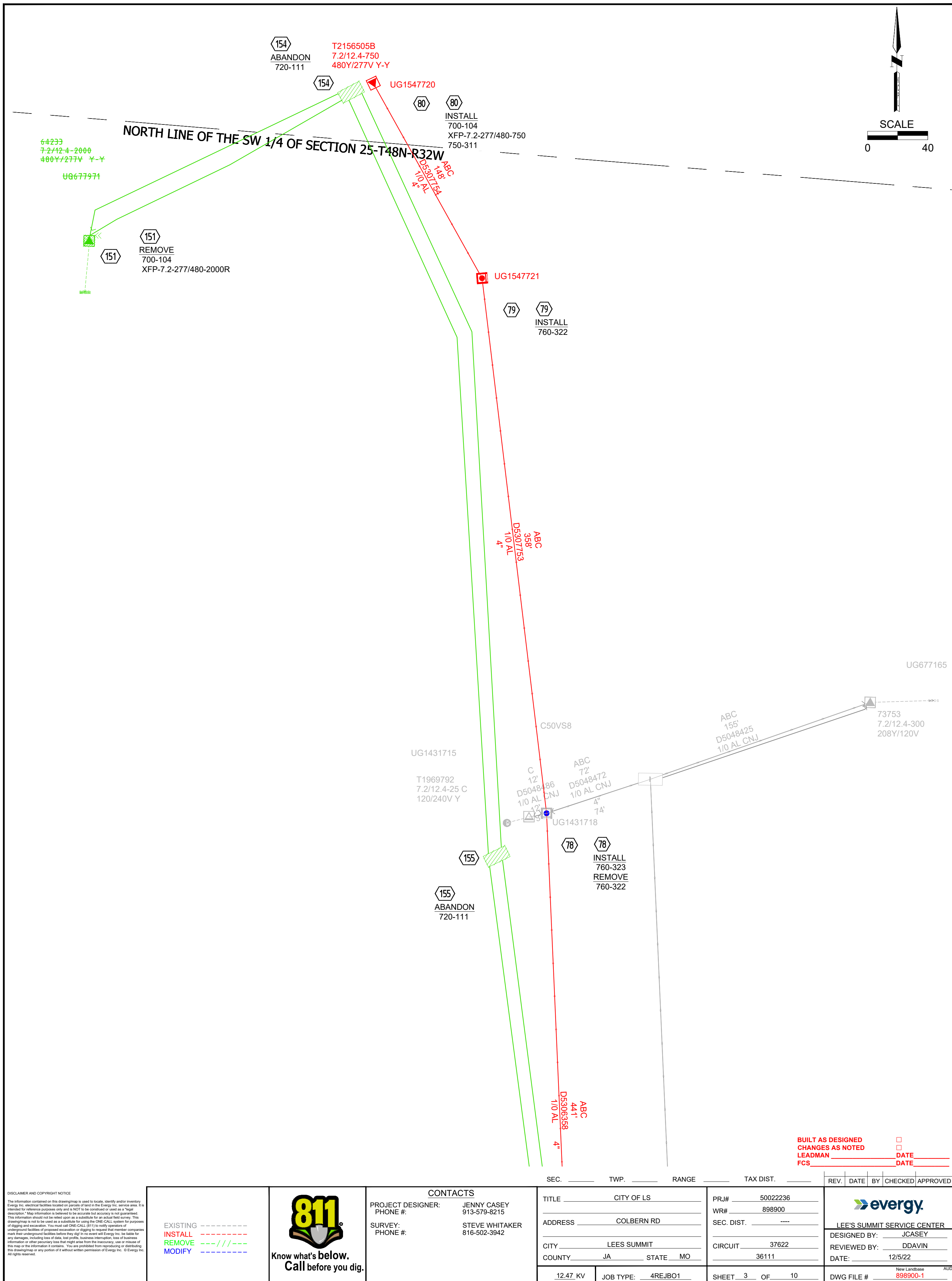
PRJ# 50022236
WR# 898900
SEC. DIST. ----
CIRCUIT 37622
36111

evergy
LEE'S SUMMIT SERVICE CENTER
DESIGNED BY: JCASEY
REVIEWED BY: DDAVIN
DATE: 12/5/22
DWG FILE # 898900-1

SEC. TWP. RANGE TAX DIST. REV. DATE BY CHECKED APPROVED

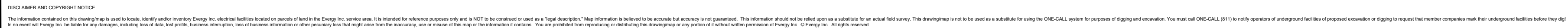
12.47 KV JOB TYPE: 4REJBO1 SHEET 1 OF 10



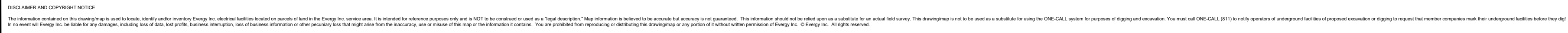


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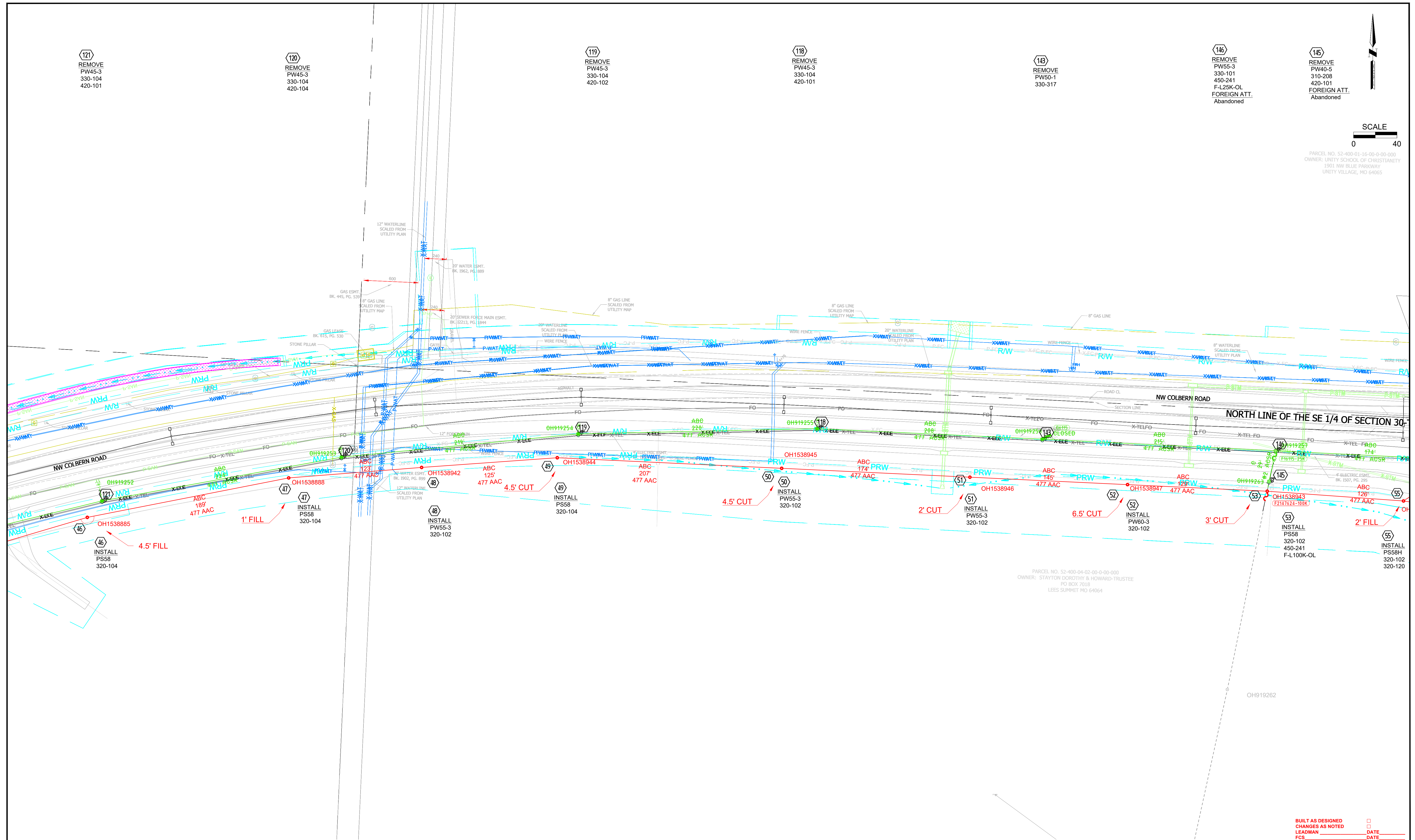
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145
REMOVE
PW40-5
310-208
420-101
FOREIGN ATT
Abandoned



DISCLAIMER AND COPYRIGHT NOTICE



Know what's below.
Call before you dig.

CONTACTS	
PROJECT DESIGNER:	JENNY CASEY
PHONE #:	913-579-8215
SURVEY:	STEVE WHITAKER
PHONE #:	816-502-3942

SEC. _____ TWP. _____ RANGE _____ TAX DIST. _____

TITLE	CITY OF LS
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CITY LEES SUMMIT

COUNTY _____	DATE _____
_____	_____

PRJ# 50022236

WR# 898900

SECRET

CIRCUIT 37622

[illegible]

REV.	DATE	BY	CHECKED	APPROVED
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Abstract

Zeveloff

DESIGNED BY: J. CASEY

REVIEWED BY: DDAVIN

DATE: 12/01/22

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147
REMOVE
PW45-1
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148
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PW55-3
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XFO-7.2-120/240-10 OBS
FOREIGN ATT.
Time Warner - MO

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149
REMOVE
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XFO-6.1-25
420-802
XFO-7.2-120/240-25
FOREIGN ATT.
Time Warner - MO

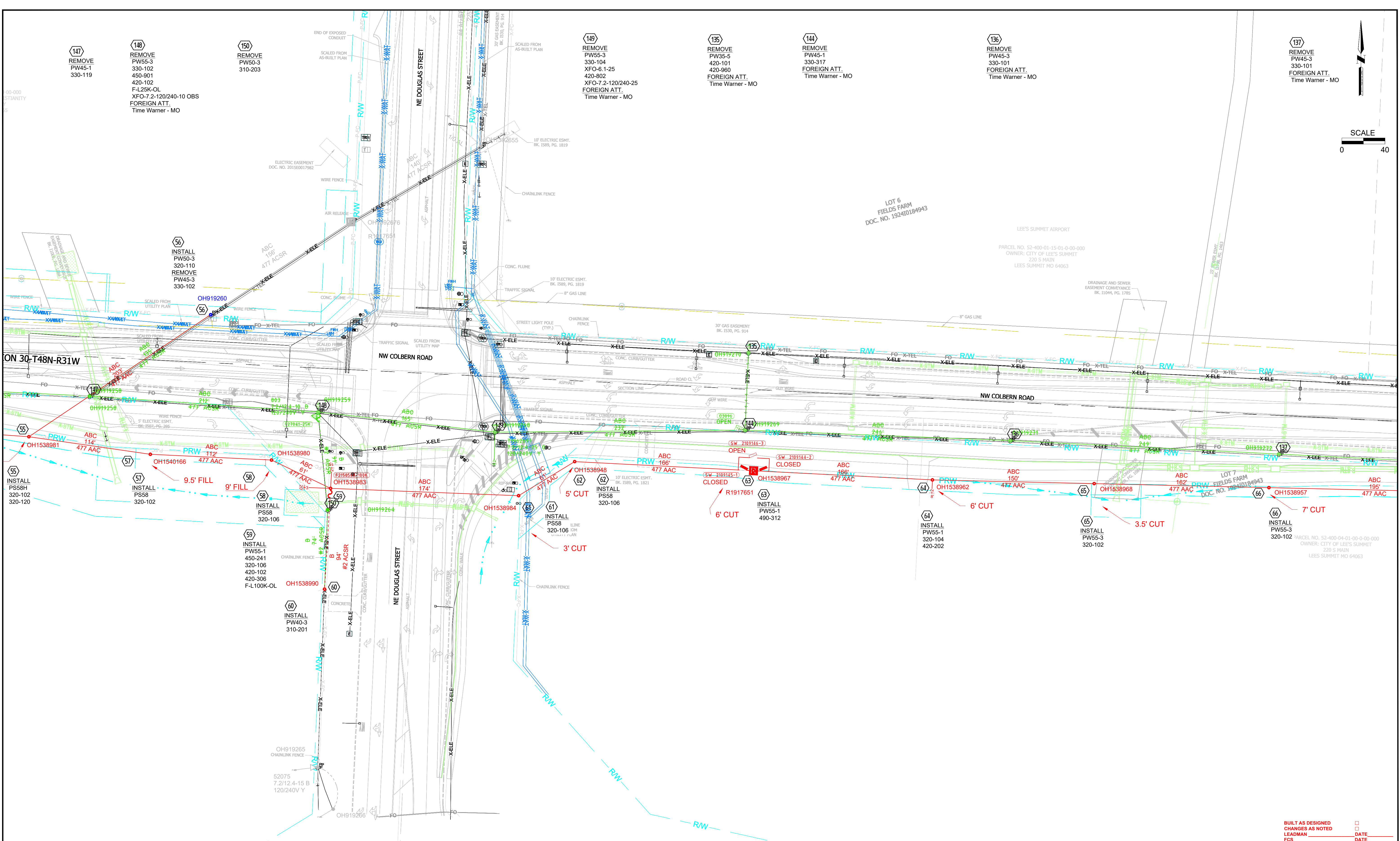
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Time Warner - MO

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330-317
FOREIGN ATT.
Time Warner - MO

136
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PW45-3
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Time Warner - MO

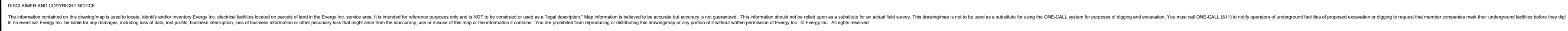
137
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330-101
FOREIGN ATT.
Time Warner - MO

SCALE
0 40



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EXISTING INSTALL REMOVE MODIFY	 Know what's below. Call before you dig.	CONTACTS		TITLE		REV.		DATE	
		PROJECT DESIGNER: JENNY CASEY PHONE #: 913-579-8215		CITY OF LS		PRJ# 50022236		BY	
		SURVEY: STEVE WHITAKER PHONE #: 816-502-3942		ADDRESS COLBERN RD		SEC. DIST. ---		CHECKED	
				CITY LEES SUMMIT		CIRCUIT 37622		APPROVED	
		COUNTY JA STATE MO		JOB TYPE: 4REJB01		SHEET 9 OF 10		DWG FILE #	





Summary List of Materials

1/18/2023

Work Request: 898900

Service Center: LSMT

Work Order: 50022236

Job Address: CITY OF LS
COLBERN RD
LEES SUMMIT, MO

In-Service Date: 12/31/2023

Planner: Casey, Jenny L

Material Item	QTY	UOM	Description
000096000001	320	EA	INSULATOR:PIN;15KV;C-NECK;1" PIN HOLE;POLYMER;55-3;1X4.
000096000360	3	EA	INSULATOR:SPOOL;POLYMER;53-2;11/16X3IN;ANSI C29.3
000096001628	88	EA	CONNECTOR OVRHD:PARALLEL GROOVE;SHEARBOLT;NON TENSION;2
000096001629	28	EA	CONNECTOR OVRHD:PARALLEL GROOVE;SHEARBOLT;NON TENSION;6
000096001657	6	EA	CONNECTOR OVRHD:WEDGE;SHEARBOLT;NON TENSION;397 - 556.5
000096001690	21	EA	CONNECTOR OVRHD:WEDGE;SHEARBOLT;397 - 477;26/7STR;ASCR;
000096001708	2	EA	CONNECTOR OVRHD:WEDGE;SHEARBOLT;NON TENSION;397 - 556.5
000096001938	159	EA	PIN:INSR;1IN;NYL;0.625IN;6IN;6IN;STL;GALVANIZED;6IN
000096002049	9	EA	CONNECTOR OVRHD:WEDGE;SHEARBOLT;#4 - 350;.292 - .398IN;
000096002054	72	EA	LUG COMPRESSION:2-HOLE NEMA PAD;AL;2;318;397 (18/1);556
000096002307	3	EA	GRIP CABLE:CNDT;3;4IN;450LB;VENTILATING SPLIT;1/0 AL -
000096003352	1	EA	METER ELECTRIC SERVICE:7721M;120-480V;3PH;GRIDSTREAM 2-
000096007156	54	EA	CROSSARM POLE:TANGENT;3-5/8X10FTX4-5/8IN;FBRGLS;GREY;55
000096007211	36	KT	KIT:DOUBLE INSULATOR PIN PLATE;FIBERGLASS CROSSARM;15"
000096009423	1	EA	POLE UTILITY:WOOD;40FT;2;SOUTHERN YELLOW PINE;DIRECT EM
000096009425	11	EA	POLE UTILITY:WOOD;55FT;2;SOUTHERN YELLOW PINE;DIRECT EM
000096009646	2	EA	RECLOSER:SOLID DIELECTRIC;3PH;15KV;7200/12470X7620/1320
000096009677	4	EA	XFMR POLE:1KV-A;1PH;7620/13200V;120V;CONTROL POWER;MINE
000096010043	2	EA	POLE UTILITY:WOOD;60FT;1;PENTA;DOUGLAS FIR;DIRECT EMBED
000096010104	2	EA	CONTROL RECLOSER:SEL-651R-2;42-PIN MULTI-RECLOSER INTER
000096010106	2	EA	BOX ELECTRICAL:JNCT;0.203IN;4;FBRGLS
000096010316	1	EA	POLE UTILITY:WOOD;60FT;2;PENTA;DOUGLAS FIR;DIRECT EMBED
102048	516	FT	BAR REINFORCING:1/2INX20FT;STL;ASTM A615;40
203083	63	EA	SCREW LAG:0.5;1/2;4;STL;BLK
261155	1	EA	SOCKET METER:INSTRUMENT RATED/RINGLESS;13 TERMINAL
402010	16	EA	CROSSARM POLE:TANGENT;3-5/8INX10FTX4-5/8IN;WOOD
402012	8	EA	CROSSARM POLE:DEADEND;4-5/8INX10FTX3-5/8IN;FBRGLS;GREY;
402108	2	EA	LUMBER:TIMBER;6INX16FTX4IN;DOUGLAS FIR;PENTACHLOROPHENO
402703	16	PR	BRACE POLE:2-1/4X35X1-5/8IN;WOOD
403045	74	EA	PIN:POLE TOP;1IN;24IN
403054	85	EA	PIN:INSR;1IN;NYL;0.625IN;6IN;2-1/2IN;STL;GALVANIZED;1"
405001	100	EA	INSULATOR:SUSP;15KV;POLYMER;12.5IN;15000LB;15KV
405015	1	EA	SENSOR:CRNT;0-10V;15KV;600A
405017	1	EA	CLAMP:LIVE LINE TRUNNION
405023	1	EA	ADAPTER:VERTICAL CLAMP
405024	1	EA	STUD BOLT
405033	36	EA	INSULATOR:GUY STRAIN;54-4;ANSI 54-4;6.6KV



Summary List of Materials

1/18/2023

Work Request: 898900

Service Center: LSMT

Work Order: 50022236

Job Address: CITY OF LS
COLBERN RD
LEES SUMMIT, MO

In-Service Date: 12/31/2023

Planner: Casey, Jenny L

Material Item	QTY	UOM	Description
405038	3	EA	INSULATOR:SUSP;PRCL;52-9;4X6-1/4IN;DISC
405053	27	EA	INSULATOR:GUY STRAIN;CLEVIS TO CLEVIS;FBRGLS;15000LB;13
405068	11	EA	INSULATOR:GUY STRAIN;CLEVIS TO CLEVIS;FBRGLS;0.75-0.812
405076	2	EA	BRACKET MOUNTING:INSR;1PH;1-1/2X16IN;FBRGLS;15DEG;1400L
406002	1	EA	PLATFORM STRUCTURAL:REGULATOR;14IN;7500(X3)LB;W/ EXTRA
406005	6	EA	BRACKET MOUNTING:EQUIPMENT;3;3;1-1/2;FBRGLS;13;48IN;0;3
406083	12	EA	BRACKET MOUNTING:EQUIPMENT;1;7;1-1/2X18;8IN;FBRGLS;15;3
406084	52	EA	BRACKET:CONDUIT STAND OFF;6IN;STL;SINGLE 2" - 5" CONDUIT
406101	17	EA	BRACKET:EXTENDED L
407001	87	EA	CONNECTOR GROUNDING:GROUND ROD CLAMP;#10AWG SOL & 1/0 A
407003	14	EA	ANCHOR HELICAL:PITA;10IN;DBL;1.375IN;1IN;84IN;TRIPLE;60
407007	87	EA	ROD GROUND:0.5INX8FT;STL;ASTM A370;NEMA GR-1;COPPER BON
407703	6	EA	ROD ANCHOR:SCREW;3/4X84IN;STL;TRIPLE
407714	6	EA	ANCHOR HELICAL:PITA;10IN;SGL;2.25IN;.75 - 1IN;10000FT-L
408002	2160	FT	WIRE OVRHD:GUY STRAND;5/16IN;STL;CLASS A;EXTRA HIGH STR
409005	8	EA	NUT EYE:OVAL;0.75IN;3/4;GALVANIZED
409020	108	EA	DEADEND:FORMED WIRE;5/16" EHS;5/16IN;GALVANIZED STEEL;G
409021	36	EA	DEADEND:AUTO;.270 - .315IN;5/16" EHS, HSS;STRANDED
409028	32	EA	BOLT MACHINE:SQ;0.5IN;ROLLED THREADS;6;STL;ROLLED THREA
409030	1	EA	BOLT MACHINE:SQ;0.5IN;ROLLED THREADS;10;STL;ROLLED THRE
409031	15	EA	BOLT MACHINE:SQ;0.5IN;ROLLED THREADS;12;STL;ROLLED THRE
409036	5	EA	BOLT MACHINE:SQ;0.625IN;10;STL;5/8;GALVANIZED
409037	203	EA	BOLT MACHINE:SQ;0.625IN;ROLLED THREADS;12;STL;ROLLED TH
409038	254	EA	BOLT MACHINE:SQ;0.625IN;ROLLED THREADS;14;STL;ROLLED TH
409039	24	EA	BOLT MACHINE:SQ;0.625IN;ROLLED THREADS;16;STL;ROLLED TH
409044	24	EA	BOLT MACHINE:SQ;0.75IN;ROLLED THREADS;12;STL;ROLLED THR
409054	2	EA	BOLT DOUBLE ARMING:FULL ROLLED THREADS;5/8IN;14IN;GALVA
409057	24	EA	BOLT DOUBLE ARMING:FULL ROLLED THREADS;5/8IN;20IN;GALVA
409060	132	EA	WASHER SPRING:BELLEVILLE;0.52IN;1.05IN;3/32IN;STL;STAIN
409064	13	EA	SCREW LAG:FETTER DRIVE/DRIVE POINT;SQ;0.5;1/2;4;STL;GAL
409109	20	EA	GUARD:GUY;1.25X96IN;POLY;RND
409117	31.43	EA	STAPLE INDUSTRIAL:GROUND WIRE;3/8IN;0.13IN;2IN;STL;GALV
409125	32	EA	WASHER:9/16IN;1-3/8IN;0.109IN;RND;GALVANIZED;1/2IN
409128	16	EA	WASHER FLAT:1/2IN;0.5625IN;2IN;2IN;0.125IN;SQ;STL;GALVA
409130	265	EA	WASHER FLAT:0.6875IN;3-3/4IN;3-3/4IN;.25IN;SQ;STL;GALVA
409143	324	EA	STAPLE INDUSTRIAL:MOULDING;1-1/16IN;1/4IN;3IN;STL;GALVA
409170	56	EA	NUT EYE:OVAL;0.625IN;5/8;GALVANIZED



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Job Address: CITY OF LS
COLBERN RD
LEES SUMMIT, MO

In-Service Date: 12/31/2023

Planner: Casey, Jenny L

Material Item	QTY	UOM	Description
409173	26	EA	BOLT EYE:DEADEND
409203	22	EA	SCREW LAG:FETTER DRIVE/GIMLET POINT;SQ;3/8;3/8;3;STL;GA
409221	24	EA	NUT LOCK:CRV;SQ;0.75;3/4;UNC;1-1/8;1-1/8;STL;GALVANIZED
409238	3	EA	CLEVIS INSULATOR:SPOOL;3.25IN;4-1/2IN;0.625IN;STL;GALVA
409254	16	EA	NUT LOCK:CRV;SQ;0.5;1/2;UNC;0.812;0.812;STL;GALVANIZED
409263	429	EA	NUT LOCK:CRV;SQ;0.625IN;5/8;UNC;1IN;1IN;STL;GALVANIZED
409287	134	EA	WASHER:CRV;0.6875IN;0.6875IN;3IN;3IN;1/4IN;SQ;STL;GALVA
409387	39	EA	TURNBUCKLE CLEVIS/EYE:11/16IN;13/16IN;16000LB;GALVANIZE
409416	24	EA	WASHER:CRV;0.8125IN;0.8125IN;3.25IN;3.25IN;1/4IN;SQ;STL
409417	16	EA	HOOK GUY:COMB;3.875IN;7IN;0.8125IN;DI;HOT DIP GALVANIZE
409492	166	EA	SCREW LAG:GIMLET POINT;SQ;1/4;1/4;1-1/2;STL;GALVANIZED;
409535	29	EA	LINK CHAIN:1IN;.5625IN;3-1/4IN;STL
409555	132	EA	NUT HEX:1/2IN;13TPI;UNC;BRNZ
409556	132	EA	WASHER SPRING:SINGLE COIL;0.5IN;STL;STAINLESS
409557	264	EA	WASHER FLAT:1/2IN;0.5625IN;RND;STL;STAINLESS;1/2IN
409558	16	EA	GAIN POLE:CROSSARM;13/16IN;4X4IN;6 - 11 IN POLE DIA RAN
409571	132	EA	BOLT MACHINE:HEX;1/2IN;UNC;1-1/2IN;SS;13TPI
409587	4	EA	BRACKET:OFFSET
409617	32	EA	WASHER SPRING:DOUBLE COIL;0.5IN;0.842IN;STL;GALVANIZED
409627	108	EA	WASHER SPRING:DOUBLE COIL;.656IN;1.141IN;STL;GALVANIZED
409631	9	EA	HOOK SERVICE DROP:SCREW;7/16IN;5-1/4IN;ZN PLT
410055	66	EA	TAG IDENTIFICATION:MARKER BOARD;PE;11 POSITION/HORIZONT
410063	56	EA	BOARD:MARKER;AL;VERT
410270	22	EA	TAG IDENTIFICATION:MARKER BOARD;MOLDED LEXAN;BLK
420005	1953.68	FT	WIRE OVRHD:BARE;2AWG;6/1;ACSR;SPARROW;9695FT;STRANDED
420009	10603.20	FT	WIRE OVRHD:BARE;3/0AWG;6/1;ACSR;0.230LB/FT;PIGEON;7670F
420087	3753	FT	WIRE OVRHD:BARE;4AWG;CU;0.126LB/FT;200FT;SPOOL;SLD
420159	32061.60	FT	WIRE OVRHD:BARE;477KCMIL;19;AL;COSMOS;6645FT;STRANDED
420204	204	FT	WIRE OVRHD:COVERED;4AWG;1;SOFT COPPER;0.178LB/FT;HMPE;1
420224	90	FT	WIRE OVRHD:COVERED;477KCMIL;37;AL;XLPE;HUCKLEBERRY;3300
420227	208	FT	WIRE OVRHD:BARE;1/0AWG;19;SOFT DRAWN COPPER;1000FT;STRA
421066	2	EA	LINK FUSE:UNIV;65A;23IN
421228	28	EA	FUSE MOUNTING CUTOFF:OPEN;15KV;100A;POLYMER;10000A
422173	6	EA	SWITCH DISTRIBUTION:NON-LOADBREAK;DOUBLE INSULATOR;15KV
422190	3	EA	SWITCH BYPASS:REGULATOR;15.5KV;110KV BIL;600A
422726	2	EA	SWITCH BYPASS:3 PHASE ASSEMBLY;15KV;900A;POLYMER;110KV
423010	3	EA	ARRESTER SURGE:ELBOW;10KV;8.4KV;15KV;METAL OXIDE VARIST



Summary List of Materials

1/18/2023

Work Request: 898900

Service Center: LSMT

Work Order: 50022236

Job Address: CITY OF LS
COLBERN RD
LEES SUMMIT, MO

In-Service Date: 12/31/2023

Planner: Casey, Jenny L

Material Item	QTY	UOM	Description
423014	1	EA	SENSOR:NEUTRAL CURRENT
423016	1	EA	MOUNT:CAPACITOR CONTROL;6X12X1/4IN;"C" CHANNEL;HIGH COR
423017	1	EA	CABLE CONTROL:40FT
423072	16	EA	ARRESTER SURGE:HD;10KV;8.4KV;SI;METAL OXIDE VARISTOR;IS
423094	13	EA	ARRESTER SURGE:RISER POLE;10KV;8.4KV;POLYMER;METAL OXID
423116	2	EA	SOCKET METER:CAPACITOR CONTROL;4 JAW
423141	2	EA	CAPACITOR BANK:POLE;7200/12470V;300KVAR;900KVAR;OIL;3PH
427031	23	EA	DEADEND:BOLTED;SIDE OPENING;0.19 - 0.57IN;4 - 4/0;AL;80
427046	654	FT	MOLDING:GROUND WIRE;1INX8FTX1/4IN;WOOD
427051	90	EA	CONNECTOR OVRHD:WEDGE;SHEARBOLT;NON TENSION;397 - 556.5
427054	106	EA	CONNECTOR OVRHD:SPLIT BOLT;1/0AWG;BRNZ/CU
427062	28	EA	CONNECTOR OVRHD:SPLIT BOLT;4SOLAWG;BRNZ/CU
427090	26	EA	DEADEND:BOLTED;SIDE OPENING;.198 - .447IN;6 ACSR - 3/0
427365	87	EA	DEADEND:BOLTED;3/0 ACSR & 4/0 STR - 477 ACSR & 556 STR;
427367	30	EA	CLAMP HOT LINE:HOT LINE;8 - 2/0 ACSR;8 - 2/0 ACSR;TINNE
427645	132	EA	TIE CABLE:LOCKING;0.3IN;15IN;4IN;NYL 6.6;BLK;WEATHER RE
427741	9	EA	CONNECTOR PIN TERMINAL:CMPSN;1/0 AA/ACSR AND NO 2 BARE
427806	10	EA	CLAMP HOT LINE:HOT LINE;6 - 400;6 - 3/0;TINNED ALUMINUM
427807	17	EA	CLAMP HOT LINE:HOT LINE;4/0 - 795;4 - 266;TINNED ALUMIN
427826	44	EA	TIE INSULATOR:TOP;3/0AWG;C-NECK;0.46IN;0.52IN;BLK;ORANG
427834	7	EA	TIE INSULATOR:TOP;2 (6/1)AWG;C-NECK;0.316IN;0.357IN;BLK
427836	1	EA	TIE INSULATOR:SPOOL;2 (6/1)AWG;1.75;0.316IN;0.357IN;RED
427837	171	EA	TIE INSULATOR:TOP;477MCM;C-NECK;0.756IN;0.858IN;BLK;RED
427839	2	EA	TIE INSULATOR:SIDE;477MCM;C-NECK;0.756IN;0.858IN;BLK;RE
427841	48	EA	TIE INSULATOR:DOUBLE TOP;477MCM;C/F-NECK;0.756IN;0.858I
430819	15	EA	LINK FUSE:CUTOUT;100A;K
430827	3	EA	LINK FUSE:UNIV;5A;23IN
441001	1	EA	POLE UTILITY:STL;55FT;ENGINEERED;GALV;BREAKOFF;BOLT CIR
441002	1	EA	POLE UTILITY:STL;58FT;ENGINEERED;GALV;CORNER;BOLT CIRCL
441003	10	EA	POLE UTILITY:STL;58FT;ENGINEERED;GALV;BREAKOFF;BOLT CIR
441403	1	EA	POLE UTILITY:WOOD;40FT;3;SOUTHERN YELLOW PINE;DIRECT EM
441501	4	EA	POLE UTILITY:WOOD;50FT;1;SOUTHERN YELLOW PINE;DIRECT EM
441503	15	EA	POLE UTILITY:WOOD;50FT;3;SOUTHERN YELLOW PINE;DIRECT EM
441551	18	EA	POLE UTILITY:WOOD;55FT;1;SOUTHERN YELLOW PINE;DIRECT EM
441651	3	EA	POLE UTILITY:WOOD;1;SOUTHERN YELLOW PINE;DIRECT EMBEDDE
450004	365	FT	CONDUIT:PVC;0.5IN;RGD;40;10FT
450057	170	FT	CONDUIT:PVC;2IN;SCH 40;10FT;W/ ONE DEEP BELLED END



Summary List of Materials

1/18/2023

Work Request: 898900

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Work Order: 5002236

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COLBERN RD
LEES SUMMIT, MO

In-Service Date: 12/31/2023

Planner: Casey, Jenny L

Material Item	QTY	UOM	Description
450059	141	FT	CONDUIT:PVC;4IN;SCH 40;10FT;W/ ONE DEEP BELLED END
450063	2	EA	COUPLING CONDUIT:RGD;2IN;PVC;SCH 40
450065	4	EA	COUPLING CONDUIT:4IN;PVC;SOC;SCH 40
450074	1	EA	BEND CONDUIT:2IN;90DEG;36IN;SCH 40;PVC;ASTM F512;ONE DE
450078	6	EA	BEND CONDUIT:4IN;90DEG;36IN;SCH 40;PVC;ASTM F512;NON BE
453014	146	EA	STRAP CONDUIT:EMT;0.5IN;STL;ZN;1HOLES
453070	118	FT	BAND:BUCKLE;1/2INX100FTX.03IN;201 SS;100 FT ROLL
453072	52	EA	BUCKLE FASTENER:BANDING;1/2IN;201 SS
455013	7	EA	ENCLOSURE SECTIONALIZING:LDBRK;15KV;200A;3PH;FBRGLS;PAD
460001	1225	FT	CABLE CONTROL:10AWG;7C;CU;600V;NON-SHIELDED;PVC;5000FT
460019	3053	FT	CABLE UG:HV;1/0AWG;19STR;STRANDED;3/4 HARD ALUMINUM;3C;
465083	39	EA	CAP INSULATING:15KV
465147	2	EA	LUG COMPRESSION:2-HOLE NEMA PAD;1/0AWG;CU;2
465271	7	EA	GUARD:VARMINT CAP
465273	3	EA	BUSHING INSERT ELECTRICAL:FEED THRU LOADBREAK;15KV;200A
465327	9	EA	TERMINATION KIT:COLD SHRINK;2-4/0AWG;OUTDR;15KV
465336	24	EA	INDICATOR FAULT:UG;NON-COMMUNICATING;LOAD TRACKER;SNAP
465706	57	EA	CONNECTOR CABLE:LOADBREAK ELBOW;1/0AWG;200A;AL/CU;AL;15
465771	12	EA	LUG COMPRESSION:2-HOLE NEMA PAD;2AWG;CU;2
467098	35.25	EA	TAPE INSULATING:ELEC;3/4INX76FTX7MIL;VINYL;BLK
467156	16.50	EA	TAPE INSULATING:PUTTY;1-1/2X60IN
467163	66	EA	KIT:CABLE PREPARATION;3X WET TOWEL;1X36IN STRIP OF 120
468052	1	QT	ADHESIVE:PVC SOLVENT/CEMENT;1QT;BRUSH TOP CAN
490077	1	EA	BLOCK TERMINAL:POTENTIAL TRANSFORMER;4-1/2IN;600V;30A;1
490107	1	EA	BLOCK TERMINAL:SHORTING;4-1/2IN;600V;30A;18-10AWG;6;W/
598250	33	EA	TAPE INSULATING:SPLICING;3/4INX30FT;RBR;TRADE NAME 130C
950786	1	EA	XFMR THREE-PHASE PAD:DIST;750KV-A;3PH;7620/13200V;277/4
951022	3	EA	REGULATOR VOLTAGE:DIST;546A;7200/12470 X 7620/13200KV;1
951902	3	EA	XFMR POLE:500KV-A;1PH;7620/13200V;2400/4160V;AUTO;ABOVE
952115	1	EA	XFMR POLE:25KV-A;1PH;7620/13200V;120/240V;DIST;SPECIAL
960005	3	EA	XFMR POTENTIAL:60:1;INDOOR;15KV;120V;0.3WXYMZ;SINGLE FU
960008	3	EA	TRANSFORMER CT:100:5;INDOOR;15KV;60HZ;WOUND
999000	2000	MH	LABOR ONLY CU - NO MATERIAL ISSUED
999001	2	CY	CONCRETE-3000LB/SQFT TEST CUBIC YARD