









































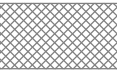


E22152M1 3901 LONGVIEW RD

BRANDON MYER
CONSTRUCTION MANAGER
816-206-4257
BRANDON.MYER@UPNFIBER.COM

NOT TO SCALE

		TEL 913.381.1170 7301 West 133rd Street, Suite 200 Overland Park, KS 66213-4750 FAX 913.381.1174 www.olsson.com	
			
PE Stamp & Approval			
COVER SHEET JACKSON COUNTY 3901 SW LONGVIEW RD LEES SUMMIT, MO 2021	REV. NO.	DATE	REVISIONS DESCRIPTION
			REVISIONS
drawn by: _____ NRI checked by: _____ DAH approved by: _____ CRG project no.: _____ 27505 drawing no.: _____ UPN-119 date: _____ 1/5/2021			
SHEET 1 OF 12			

LEGEND—KEY

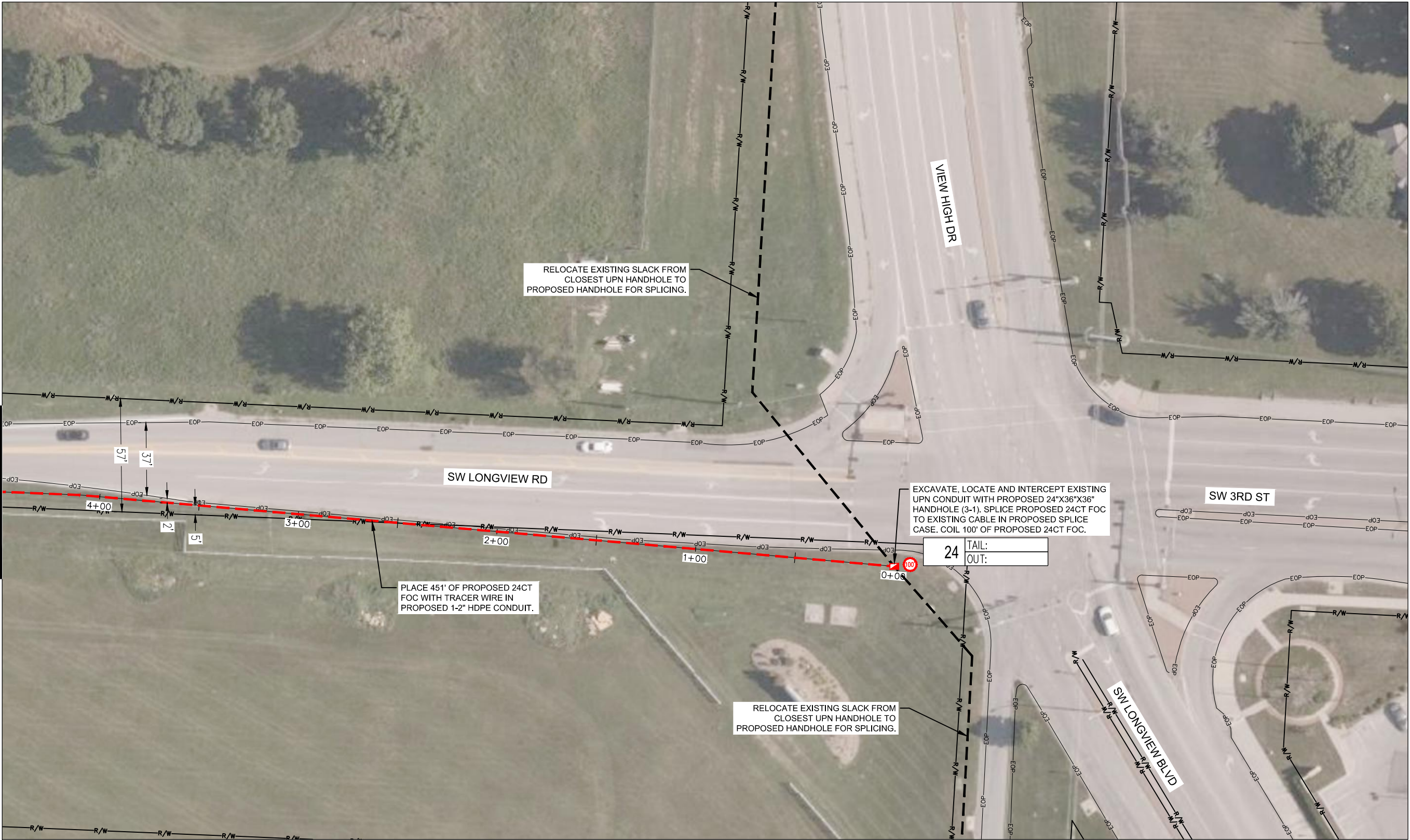
	UTILITY POLE		GAS
	UTILITY MANHOLE		WATER
	UTILITY HANDHOLE		TELEPHONE
	TELEPHONE PED - CROSS BOX		ELECTRIC
			SANITARY SEWER (SEW)
			STORM SEWER
			FENCE
	EXISTING MANHOLE		CABLE TV
	EXISTING HANDHOLE		STEAM
			OIL
	EXISTING COIL		UNKNOWN UTILITY
	EXISTING AERIAL COIL		RIGHT OF WAY
	EXISTING DOWN GUY		EDGE OF PAVEMENT
	EXISTING SPLICE POINT		EXISTING CONDUIT
	TREE		EXISTING AERIAL FIBER
			EXISTING STRAND
	PROPOSED MANHOLE		PROPOSED CONDUIT
	PROPOSED HANDHOLE		PROPOSED AERIAL FIBER
	PROPOSED COIL		PROPOSED STRAND
	PROPOSED AERIAL COIL		
	PROPOSED DOWN GUY		
	PROPOSED SPLICE POINT		
	PROPOSED FIBER DISTRIBUTION PANEL		
	PROPOSED BORE PIT		
	PROPOSED PULL BOX		
R/L	PROPOSED RUNNING LINE		
F/L	FLOW LINE		
FOC	FIBER OPTIC CABLE		
EOP	EDGE OF PAVEMENT		
	CUT & RESTORE CONC./ASPH.		
	INLET		
	INLET GRATE		

1. CONTRACTOR MUST OBTAIN LOCATES PRIOR TO ANY TYPE OF EXCAVATION.
2. CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE NECESSARY REQUIRED PERMITS PERTAINING TO ALL ASPECTS OF THE PROJECT AND MUST HAVE THE APPROPRIATE PERMITS AT THE JOB SITE.
3. ALL CABLE WILL BE PLACED AT STANDARD MINIMUM DEPTH OF 36" IN UNPAVED AREAS AND 48" MINIMUM BELOW STREETS AT ALL TIMES, UNLESS OTHERWISE NOTED IN THE PLANS.
4. ANY LANDSCAPING WILL BE REPLACED TO EQUAL OR BETTER THAN THAT WHICH EXISTED PRIOR TO WORK.
5. PROJECT SITE WILL BE PROPERLY SECURED PRIOR TO THE END OF EACH DAY.
6. ALL WORK IS TO BE IN ACCORDANCE WITH AUTHORITIES HAVING JURISDICTION IN THE WORK ZONE.
7. CONTRACTORS ARE ADVISED TO CONTACT UPN FOR ANY ADDITIONAL INFORMATION OR CLARIFICATION CONCERNING SCOPE OF WORK OR THE REQUIREMENTS NECESSARY FOR PROJECT COMPLETION.
8. ANY FIELD ADJUSTMENTS TO THE PROPOSED PLAN MUST BE APPROVED BY AN APPROPRIATE UPN REPRESENTATIVE.
9. BEFORE CONSTRUCTION BEGINS, CONTRACTOR SHALL TAKE THE APPROPRIATE PRECAUTIONS TO AVOID ANY POTENTIAL OBSTRUCTIONS PRIOR TO PROCEEDING WITH WORK.
10. OLSSON ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS (HORIZONTAL OR VERTICAL) OR RIGHT-OF-WAY LOCATION. THE EXISTING UTILITIES AND RIGHT-OF-WAY SHOWN ON THESE PLANS HAVE BEEN PLOTTED FROM THE BEST INFORMATION AVAILABLE. IT IS HOWEVER , THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL UTILITIES AND RIGHT-OF-WAY PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION.



DWG: \\oa.ad.oaconsulting.com\lre-nsi\projects\PROJECTS\013-2392-A\40-Design\AutoCAD\Final Plans\Sheets\TFTC\UNITE-119 Jackson County 27506\Final Plans\3901 SW LONGVIEW RD.dwg
DATE: Jan 06, 2021 2:24pm XREFS: 3901 SW LONGVIEW RD BASE 3901 sw longview rd Alignment USER: tara

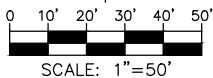
MATCH TO SHEET 4



E22152M1 3901 LONGVIEW RD



SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION. SEE SHEET 11 FOR SITE PHOTOGRAPHS.



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REV. NO.	DATE	REVISIONS DESCRIPTION

PROJECT SHEET	REVISIONS
JACKSON COUNTY 3901 SW LONGVIEW RD	
LEES SUMMIT, MO	2021

drawn by: _____
checked by: _____
approved by: _____
project no.: 27506
drawing no.: UPN-119
date: 1/5/2021

SHEET
3 OF 12

Sheets\TFTC\UNITE-119 Jackson County 27506\Final Plans\3901 SW LONGVIEW RD.dwg

MATCH TO SHEET 5



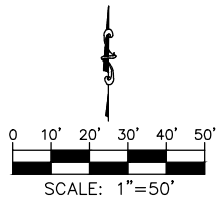
E22152M1 3901 LONGVIEW RD



SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION. SEE SHEET 11 FOR SITE PHOTOGRAPHS.



Know what's below.
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PROJECT SHEET

JACKSON COUNTY
001 SW LONGVIEW RD

2021

REVISIONS DESCRIPTION

PE Stamp & Approval

[illegible]

REVISIONS



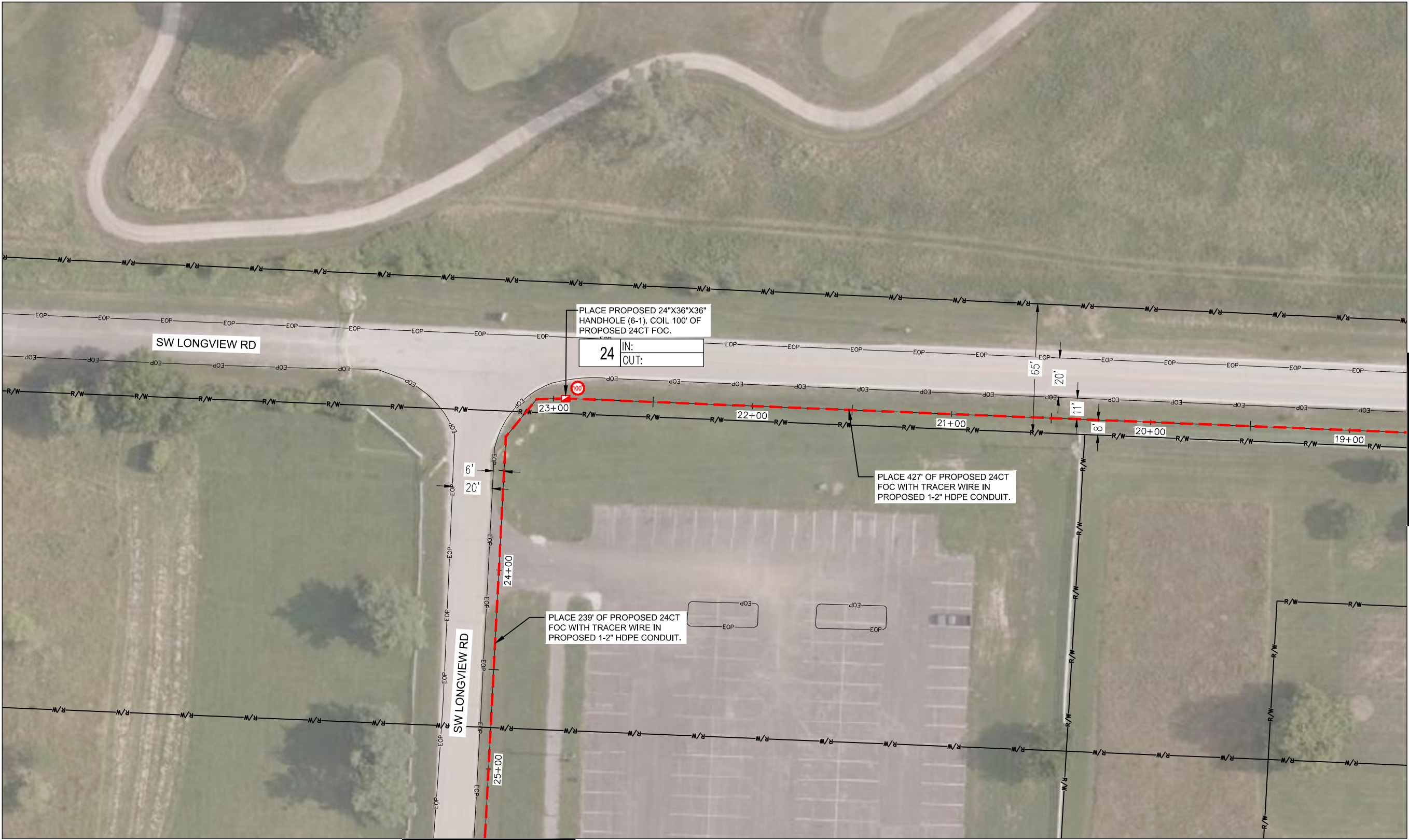
olson

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drawn by: _____ NRL
checked by: _____ DAH
approved by: _____ CRG
project no.: _____ 27506
drawing no.: _____ UPN-119
date: _____ 1/5/2021

SHEET
4 OF 12

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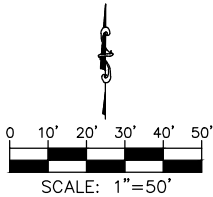
MATCH TO SHEET 5

MATCH TO SHEET 7

E22152M1 3901 LONGVIEW RD



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REV. NO.	DATE	REVISIONS DESCRIPTION

REVISIONS

PROJECT SHEET

JACKSON COUNTY
3901 SW LONGVIEW RD

LEES SUMMIT, MO

2021

drawn by: _____
checked by: _____
approved by: _____
project no.: 27506
drawing no.: UPN-119
date: 1/5/2021

SHEET
6 OF 12

Sheets\TFTC\UNITE-119 Jackson County 27506\Final Plans\3901 SW LONGVIEW RD.dwg

E22152M1 3901 LONGVIEW RD

MATCH TO SHEET (

MATCH TO SHEET 8

SW LONGVIEW DR

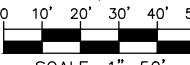
PLACE 469' OF PROPOSED 24C
FOC WITH TRACER WIRE IN
PROPOSED 1-2" HDPE CONDUIT

#

SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION. SEE SHEET 11 FOR SITE PHOTOGRAPHS



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PROJECT SHEET

JACKSON COUNTY
001 SW LONGVIEW F

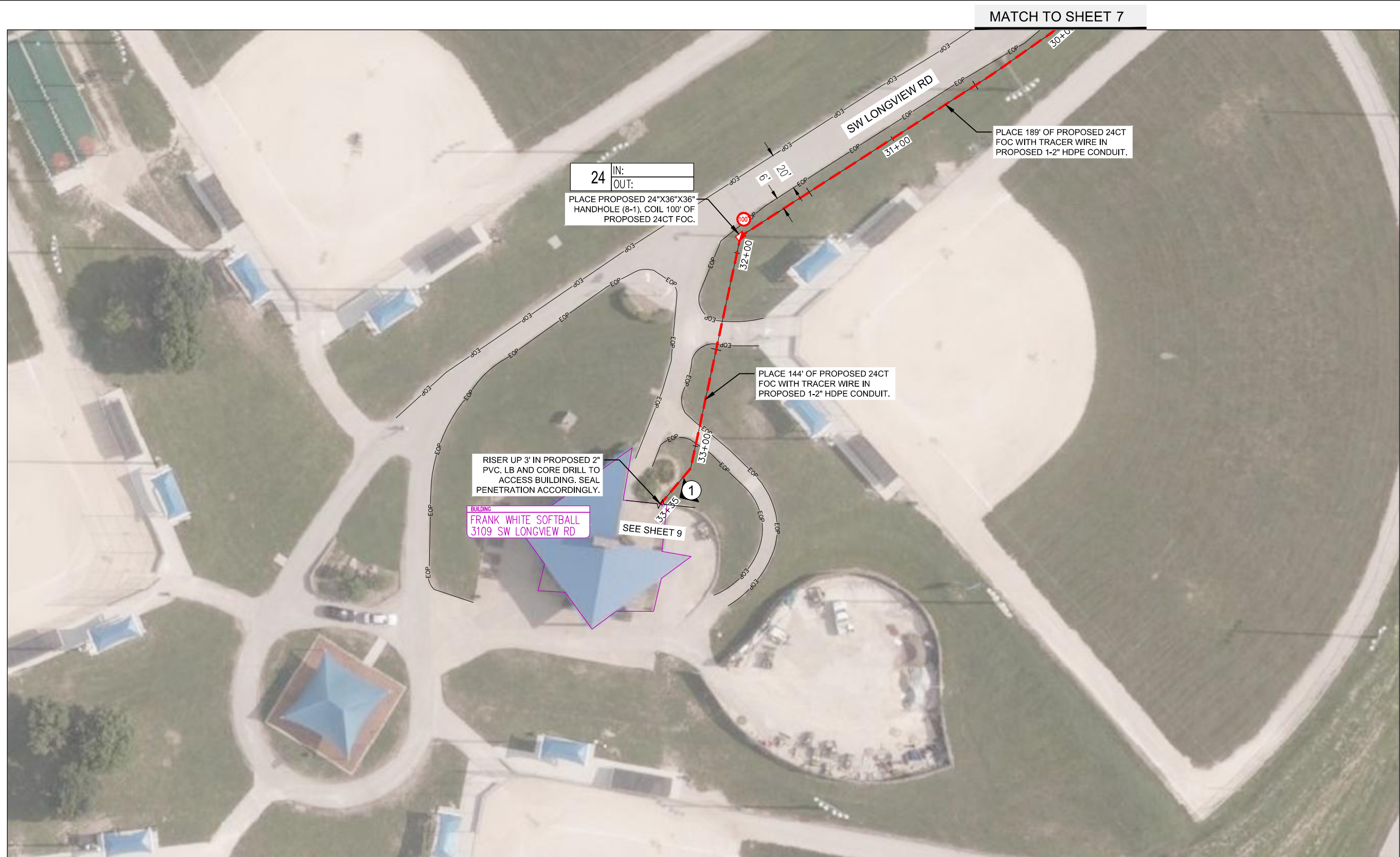
2021

DEVIATIONS

drawn by: _____ NR
checked by: _____ DA
approved by: _____ CR
project no.: _____ 275
drawing no.: _____ UPN-1

SHEET
7 OF 12

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 DATE: Jan 06, 2021 2:25pm XREFS: 3901 SW LONGVIEW RD BASE 3901 sw longview rd Alignment USER: tiana



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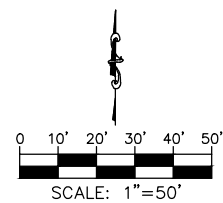
E22152M1 3901 LONGVIEW RD



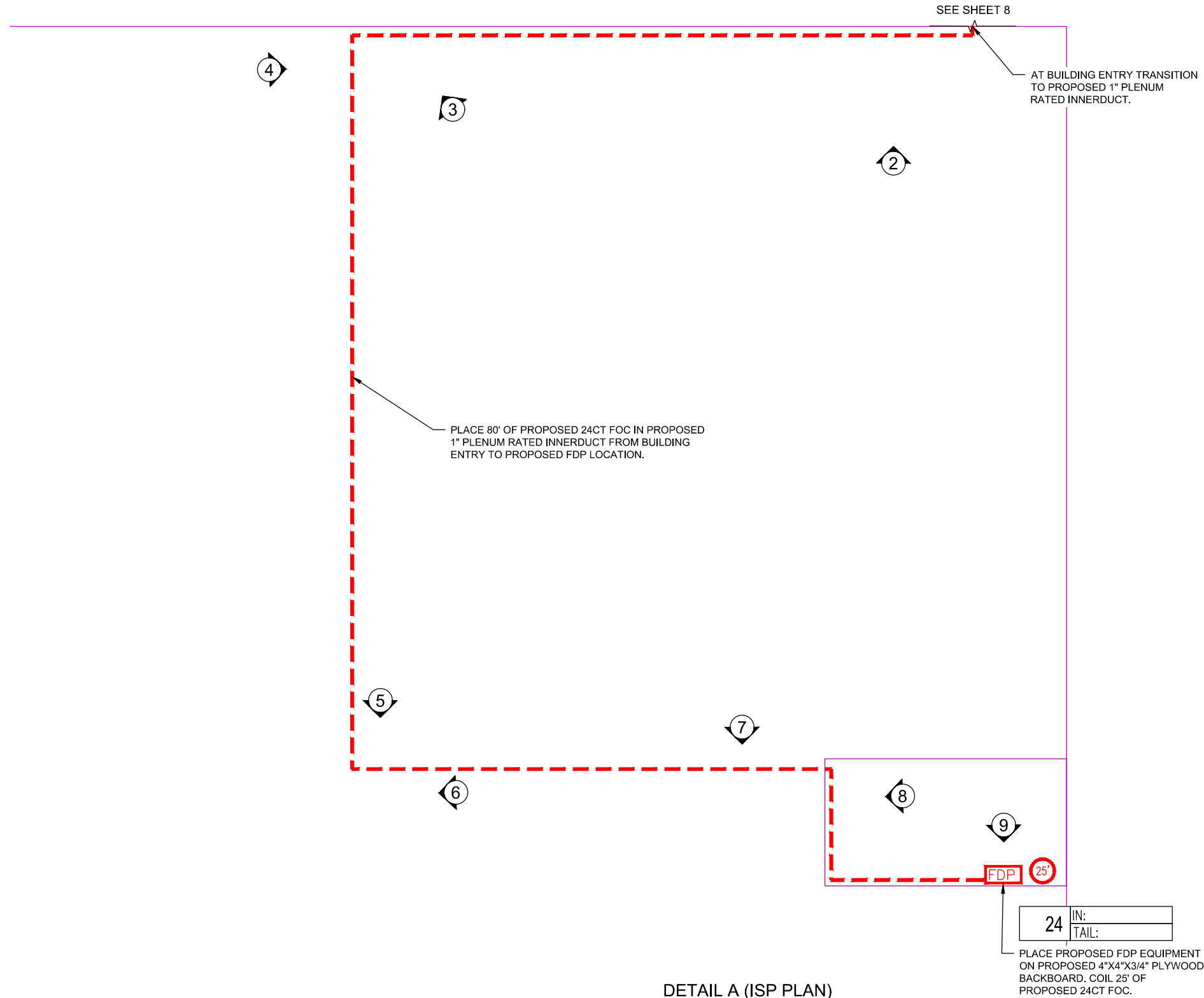
SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION. SEE SHEET 11 FOR SITE PHOTOGRAPHS.



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DETAILS



E22152M1 3901 LONGVIEW RD

DETAIL A (ISP PLAN)
NTS

24	IN:
	TAIL:

— PLACE PROPOSED FDP EQUIPMENT ON PROPOSED 4"X4"X3/4" PLYWOOD BACKBOARD. COIL 25' OF PROPOSED 24CT FOC.



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DETAIL SHEET

JACKSON COUNTY
01 SW LONGVIEW RD

2021

Drawn by:	NRL
Checked by:	DAH
Approved by:	CRG
Project no.:	27506
Drawing no.:	UPN-119
Date:	1/5/2021

SHEET
9 OF 12

TYPICALS

PCA243636-00006

PCX POLYMER CONCRETE ASSEMBLY

24" x 36" x 36"
(For actual dimensions see drawing)

Polymer Concrete Assembly, Straight Sides, No Floor, WUC 3.6, ANSI/SCTE 77 - "T15/20K" 3/8" Hex Bolts, Standard Nameplate (Specify at time of order) Installed

LOAD RATINGS

Incidental Traffic - Parking Lot, Sidewalk
Conforms to:

- WUC 3.6
- ASTM C 857
- ANSI/SCTE 77

FEATURES:

- Drop-In nameplate
- Shipped assembled
- Skid resistant cover
- Stainless steel bolts
- Cast-in floating nut box
- Integral drain holes

Additional product information
continued on the reverse

newbasis
Composites for Infrastructure

2626 Kansas Avenue
Riverside, California 92507

951.787.0600

951.787.0632 (fax)



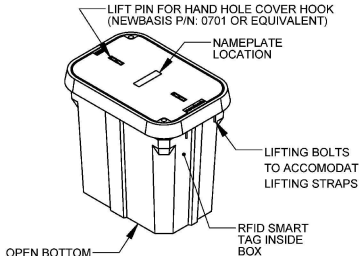
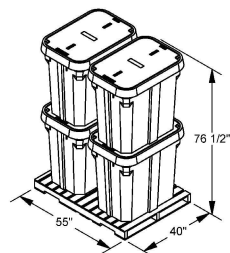
info@newbasis.com

newbasis.com

Inside Dimensions

Length	Width	Depth
33 9/16"	21 15/16"	33"
27 1/8"	15 1/2"	

Rev: C.0

<h1>PCA243636-00006</h1>	<h1>PCX POLYMER CONCRETE ASSEMBLY</h1>	<div>   </div>
<p>Polymer Concrete Assembly, Straight Sides, No Floor, WUC 3.6, ANSI/SCTE 77 - "T15/20K," 3/8" Hex Bolts, Standard Nameplate (Specify at time of order) Installed</p>		<div> <h2>24" x 36" x 36"</h2> <p>For actual dimensions, see drawing on front side.</p> </div>
<div> <h3>AVAILABLE OPTIONS</h3> <ul style="list-style-type: none"> <input type="checkbox"/> Tier 22 Load Rating <input type="checkbox"/> Penta Bolts <input type="checkbox"/> Telephone EMS <input type="checkbox"/> Power EMS <input type="checkbox"/> Custom Nameplate Installed <input type="checkbox"/> Custom Nameplate Shipped Separately <input type="checkbox"/> Standard Nameplate Installed <input type="checkbox"/> Standard Nameplate Shipped Separately </div>	<div> <h3>NAMEPLATES</h3> <p>One standard nameplate included with each assembly, installed at the factory or easily installed in the field. Custom nameplates are available. Contact customer service.</p> <h4>Standard Nameplates</h4> <ul style="list-style-type: none"> • Electric • Telephone • Fiber Optic • Water • Street Lighting • Broadband • Traffic • CATV • Traffic Signal • Communications </div>	<div>  </div>
<p><input checked="" type="checkbox"/> - Indicates a selected option</p>		
<div> <h3>MATERIAL PROPERTIES AND ATTRIBUTES</h3> <h4>Compressive Strength</h4> <p>Polymer Concrete - 11500 PSI Per ASTM D695</p> <h4>Flexural Strength</h4> <p>Polymer Concrete - 4000 PSI Per ASTM D790</p> <h4>Coefficient of Friction (Dry)</h4> <p>1.085 Per ASTM C1028</p> <h4>Polymer Concrete</h4> <ul style="list-style-type: none"> - Advanced composite: Very high strength to weight ratio - Non-metallic - Non-conductive - UV Resistant - High impact resistant - Impervious to chemicals and moisture <p>Materials tested in accordance with ASTM D-543 and ASTM D-570</p> </div>	<div> <h3>WEIGHTS AND SHIPPING</h3> <p>COVER WEIGHT: 98.0 lbs.</p> <p>BOX WEIGHT: 239.9 lbs.</p> <p>ASSEMBLY WEIGHT: 337.9 lbs.</p> <p>LOADED PALLET WEIGHT: 1394 lbs.</p> <p>Standard shipping includes van delivery of pallet quantities to the lower 48 states. Partial pallet quantities and flat bed shipping available at an additional cost.</p> </div>	<div> <h3>PACKAGING (Steel Banding, Edge Protection)</h3> <p>PALLET QUANTITY: 4</p>  </div>
		<p>Rev: C.0</p>

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TOTAL QUANTITIES			
ITEM	ITEM DESCRIPTION	UNITS	QUANTITY
1.	ROD & PROOF EXISTING DUCT	LF	
2.	SUPPLY & INSTALL 1-2" HDPE DUCT	LF	3335
3.	SUPPLY & INSTALL 2-2" HDPE DUCT	LF	
4.	SUPPLY & INSTALL 1-1.25" HDPE DUCT	LF	
5.	SUPPLY & INSTALL 2" PVC DUCT	LF	3
6.	SUPPLY & INSTALL 4" PVC DUCT	LF	
7.	SUPPLY & INSTALL 2" RIGID STEEL ON A STRUCTURE	LF	
8.	SUPPLY & INSTALL 3-CELL MAXCELL	LF	
9.	SUPPLY & INSTALL TRACER WIRE	LF	3335
10.	SUPPLY & INSTALL 24"X36"X36" HANDHOLE	EACH	4
11.	SUPPLY & INSTALL UNDERGROUND SPLICE ENCLOSURE	EACH	1
12.	INSTALL 432CT ARMORED FIBER OPTIC CABLE - UNDERGROUND	LF	
13.	INSTALL 288CT ARMORED FIBER OPTIC CABLE - UNDERGROUND	LF	
14.	INSTALL 96CT ARMORED FIBER OPTIC CABLE - UNDERGROUND	LF	
15.	LASH 432CT ARMORED FIBER OPTIC CABLE - AERIAL	LF	
16.	LASH 288CT ARMORED FIBER OPTIC CABLE - AERIAL	LF	
17.	LASH 96CT ARMORED FIBER OPTIC CABLE - AERIAL	LF	
18.	SUPPLY & INSTALL 6.6M STRAND	LF	
19.	SUPPLY & INSTALL FIBER SNOWSHOE	EACH	
20.	SUPPLY & INSTALL 2" PVC STAND OFF RISER	EACH	
21.	SUPPLY & INSTALL 4" PVC STAND OFF RISER	EACH	
22.	SUPPLY & INSTALL DOWN GUY AND ANCHOR	EACH	
23.	SUPPLY & INSTALL AERIAL SPLICE ENCLOSURE	EACH	
24.	SUPPLY & INSTALL 1" EMT CONDUIT	LF	
25.	SUPPLY & INSTALL 2" EMT CONDUIT	LF	
26.	SUPPLY & INSTALL 1" PLENUM RATED INNERDUCT	LF	80
27.	SUPPLY & INSTALL 4"X4"X3/4" PLYWOOD BACKBOARD	EACH	1
28.	SUPPLY & INSTALL LB	EACH	1
29.	PROPOSED WALL CORE	EACH	1
30.	INSTALL 24CT INDOOR/OUTDOOR RATED FIBER OPTIC CABLE - UNDERGROUND	LF	3843
31.	INSTALL 24CT INDOOR/OUTDOOR RATED FIBER OPTIC CABLE - AERIAL	LF	
32.	REMOVE & REPLACE SIDEWALK	SQ FT	
33.	REMOVE & REPLACE ASPHALT	SQ FT	
* 34.	TRAFFIC PERMIT	AGENCIES	1
* 35.	RIGHT OF WAY PERMIT	AGENCIES	1

* CITY, COUNTY, AND STATE.

E22152M1 3901 LONGVIEW RD



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checked by: _____ DAH
approved by: _____ CRG
project no.: 27506
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PE Stamp & Approval

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FINAL QUANTITIES	JACKSON COUNTY 3901 SW LONGVIEW RD	2021
		LEES SUMMIT, MO

REVISIONS

REVISIONS DESCRIPTION

DATE

REV. NO.

FINAL QUANTITIES

JACKSON COUNTY
3901 SW LONGVIEW RD

LEES SUMMIT, MO

2021

PE Stamp & Approval

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