












































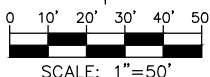
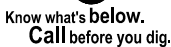
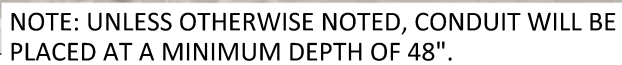
LEGEND-KEY

	UTILITY POLE		GAS
	UTILITY MANHOLE		WATER
	UTILITY HANDHOLE		TELEPHONE
	TELEPHONE PED - CROSS BOX		ELECTRIC
	EXISTING MANHOLE		SANITARY SEWER (SEW)
	EXISTING HANDHOLE		STORM SEWER
	EXISTING COIL		FENCE
	EXISTING AERIAL COIL		CABLE TV
	EXISTING DOWN GUY		STEAM
	EXISTING SPLICE POINT		OIL
	TREE		UNKNOWN UTILITY
	PROPOSED MANHOLE		RIGHT OF WAY
	PROPOSED HANDHOLE		EDGE OF PAVEMENT
	PROPOSED COIL		PROPERTY LINE
	PROPOSED AERIAL COIL		EXISTING CONDUIT
	PROPOSED DOWN GUY		EXISTING AERIAL FIBER
	PROPOSED SPLICE POINT		EXISTING STRAND
	PROPOSED FIBER DISTRIBUTION PANEL		PROPOSED CONDUIT
	PROPOSED BORE PIT		PROPOSED AERIAL FIBER
	PROPOSED PULL BOX		PROPOSED STRAND
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:
DATE:



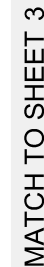
MATCH TO SHEET 4



nos/

7301 West 133rd Street, Suite 200
Overland Park, KS 66213-4750
TEL 913.381.1170
FAX 913.381.1174
www.olsson.com

[illegible]



MATCH TO SHEET 5



PE Stamp & Approval

[illegible]

REVISIONS

PROJECT SHEET

CHIPMAN ROAD RELOCATION

LEE SUMMIT, MO

2022

drawn by: _____ RMS
checked by: _____ AFV
approved by: _____ JMC
project no.: _____ project no.: _____
drawing no.: _____ UPN-90
date: _____ 3/2/2023

SHEET
4 OF 11

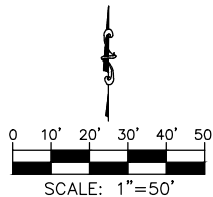
RMS
AFV
JMC
ect no.:
PN-90
2/2023

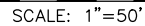
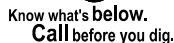
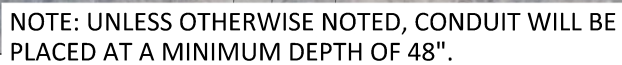
oson

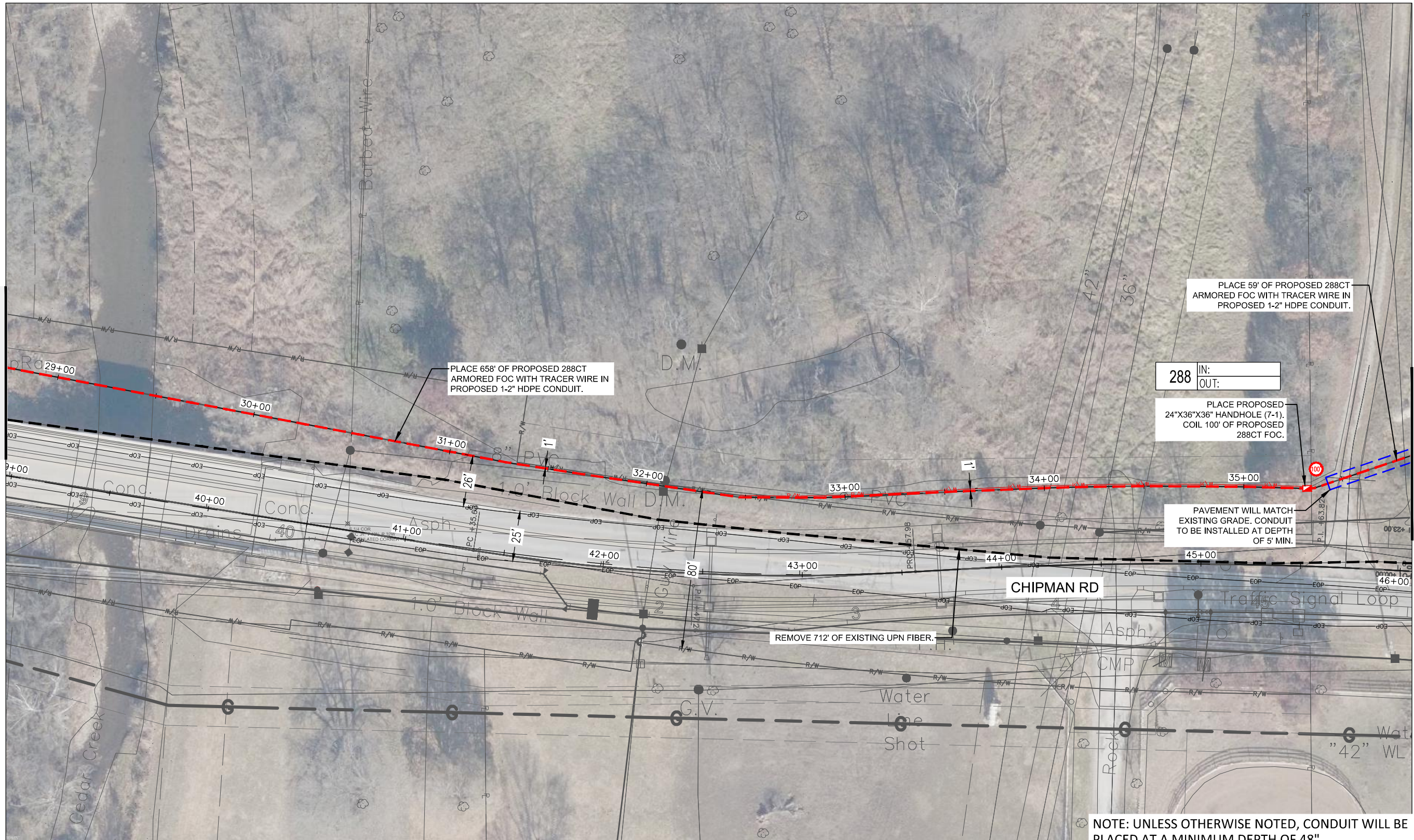
7301 West 133rd Street, Suite 200
Overland Park KS 66213-4750
TEL 913.381.1170
FAX 913.381.1174
www.qlsson.com



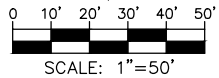
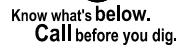
Know what's **below**.
Call before you dig







NOTE: UNLESS OTHERWISE NOTED, CONDUIT WILL BE PLACED AT A MINIMUM DEPTH OF 48".

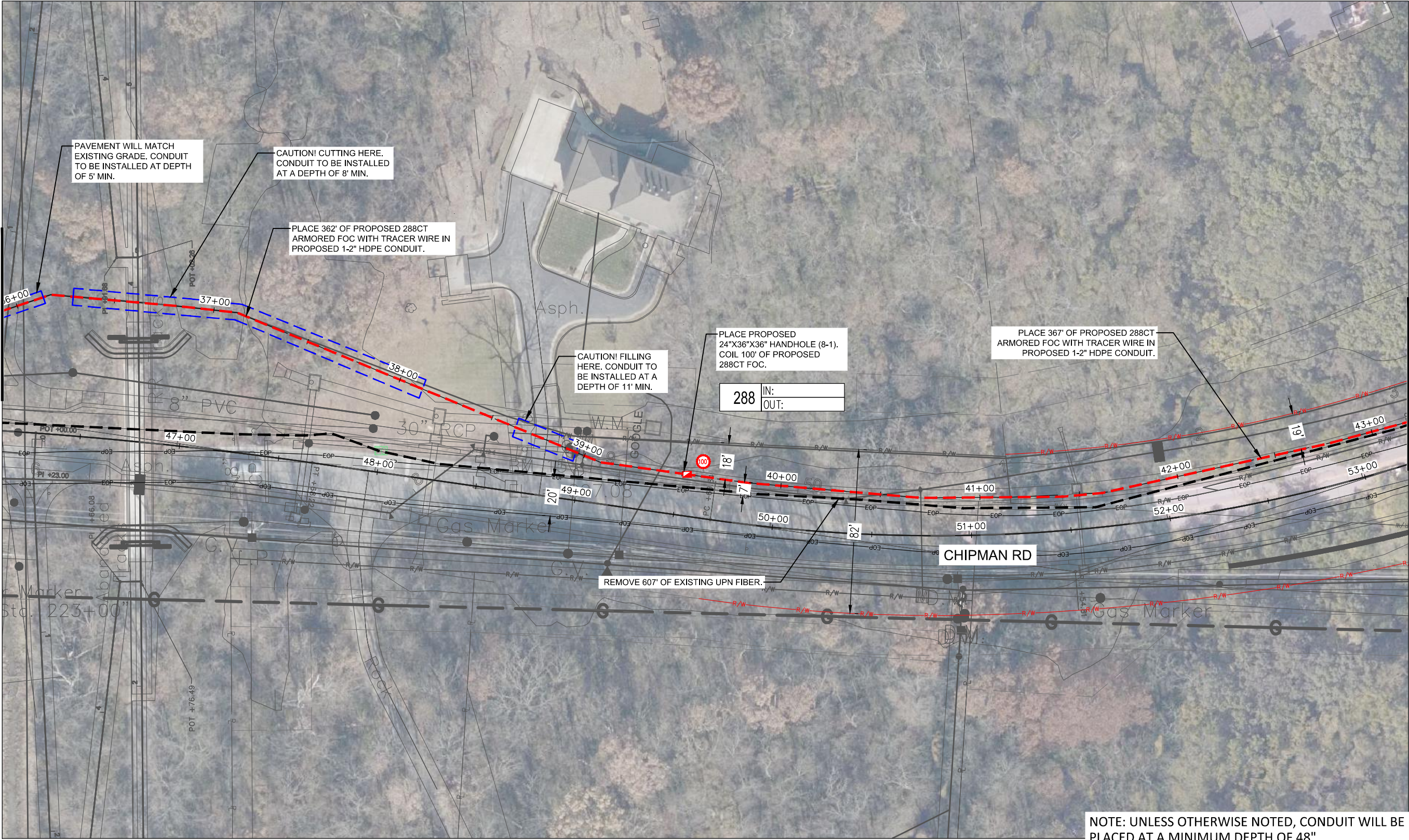


olson

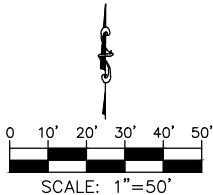
7301 West 133rd Street, Suite 200
Overland Park, KS 66213-4750
TEL 913.381.1170
FAX 913.381.1174
www.olsson.com

[illegible]

MATCH TO SHEET 7



MATCH TO SHEET 9



REV. NO.	DATE	REVISIONS DESCRIPTION

PE Stamp & Approval

REV. NO.	DATE	REVISIONS DESCRIPTION

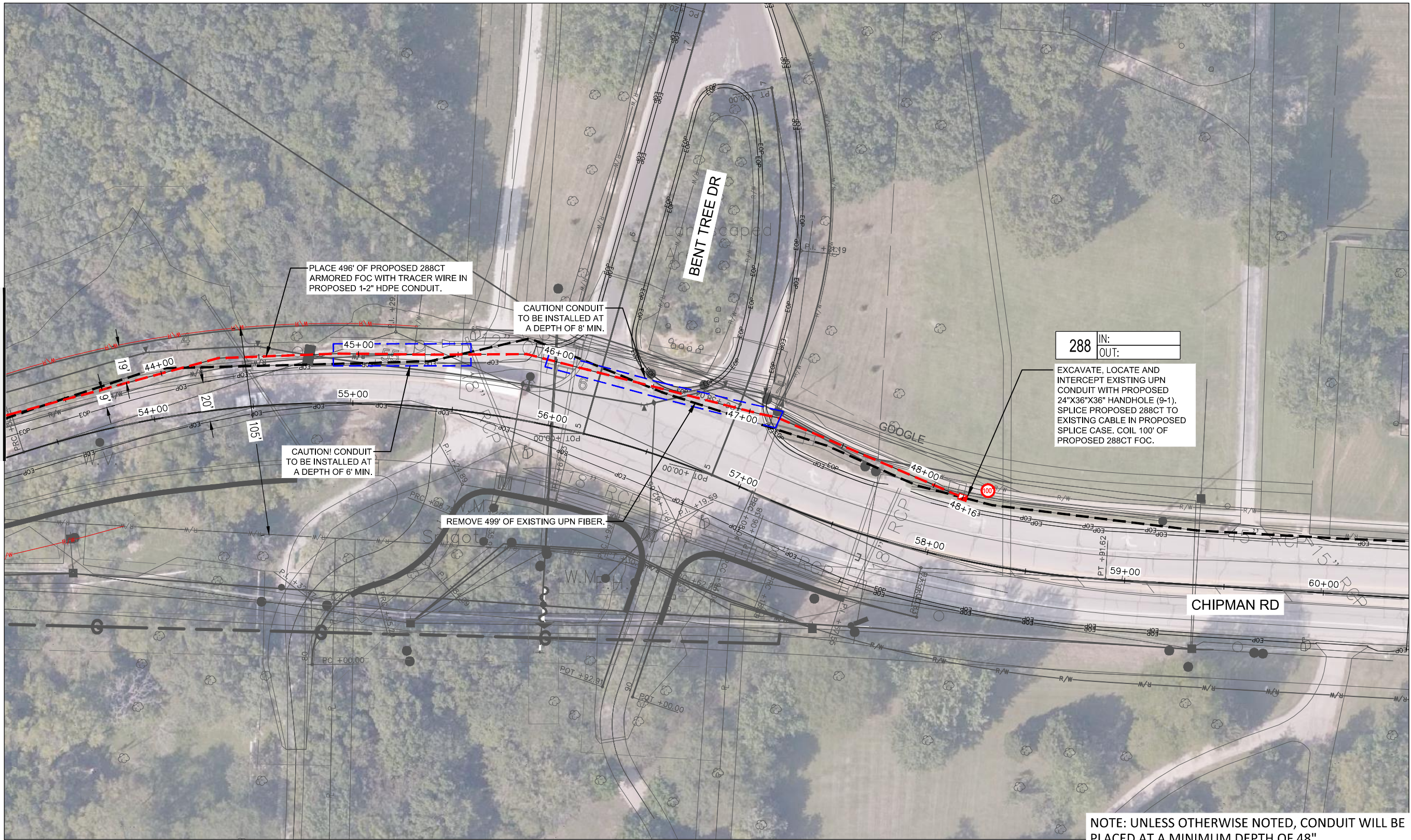
PROJECT SHEET	2022
CHIPMAN ROAD RELOCATION	LEE SUMMIT, MO

drawn by:	RMS
checked by:	APV
approved by:	JMC
project no.:	UPN-90
drawing no.:	3/2/2023

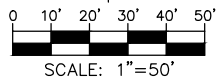
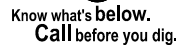


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MATCH TO SHEET 8



NOTE: UNLESS OTHERWISE NOTED, CONDUIT WILL BE PLACED AT A MINIMUM DEPTH OF 48".



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



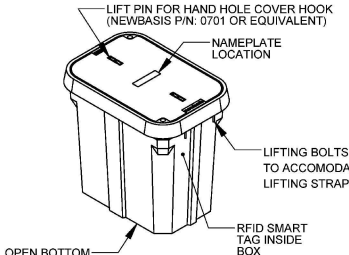
Additional product information continued on the reverse

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>	<p>PCX POLYMER CONCRETE ASSEMBLY</p>	<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>		
<p>AVAILABLE OPTIONS</p> <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 checked="" type="checkbox"/> Standard Nameplate Installed <input type="checkbox"/> Standard Nameplate Shipped Separately <p><input checked="" type="checkbox"/> - Indicates a selected option</p>	<p>NAMEPLATES</p> <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> <p>Standard Nameplates</p> <ul style="list-style-type: none"> • Electric • Telephone • Fiber Optic • Water • Street Lighting • Broadband • Traffic • CATV • Traffic Signal • Communications 	<p>24" x 36" x 36" For actual dimensions, see drawing on front side.</p> 
<p>MATERIAL PROPERTIES AND ATTRIBUTES</p> <p>Compressive Strength Polymer Concrete - 11500 PSI Per ASTM D695</p> <p>Flexural Strength Polymer Concrete - 4000 PSI Per ASTM D780</p> <p>Coefficient of Friction (Dry) 1.085 Per ASTM C1028</p> <p>Polymer Concrete</p> <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>	<p>WEIGHTS AND SHIPPING</p> <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>	<p>PACKAGING (Steel Banding, Edge Protection)</p> <p>PALLET QUANTITY: 4</p> 