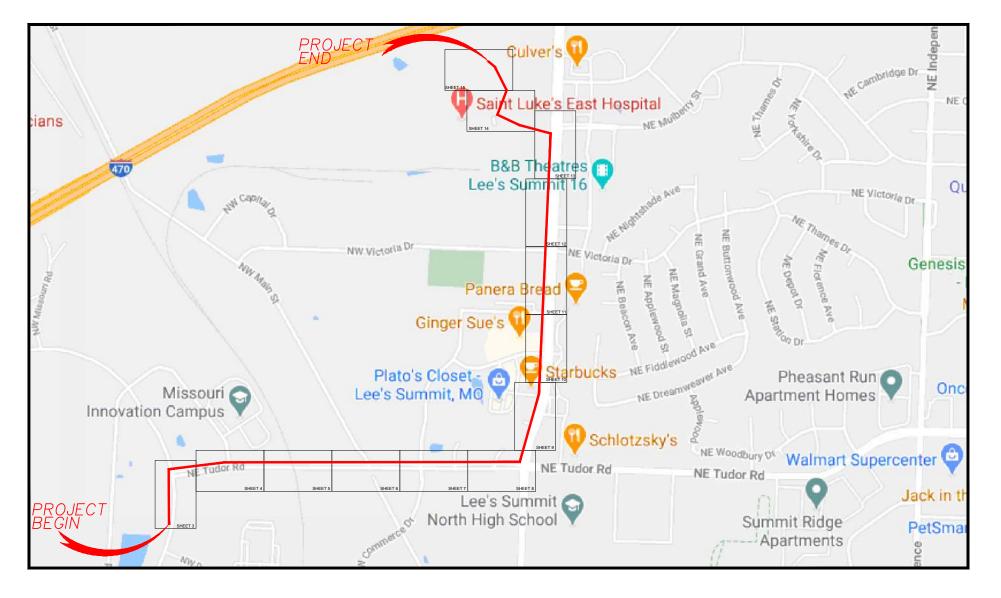
Ī	VORK PLAN INDEX
SHEET	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES/LEGEND
3-15	DESIGN PLAN SHEETS
16	DETAIL SHEET
17	TYPICAL DETAILS
18	PROJECT PHOTOS
19	FINAL QUANTITIES



Vicinity Map

## **CONTACT INFO**

BRANDON FOSSETT CONSTRUCTION MANAGER 816-490-1535 BRANDON.FOSSETT@UPNFIBER.COM

JESSICA LYNN CONSTRUCTION TECHNICIAN - MO 816-490-1535 JESSICA.LYNN@UPNFIBER.COM



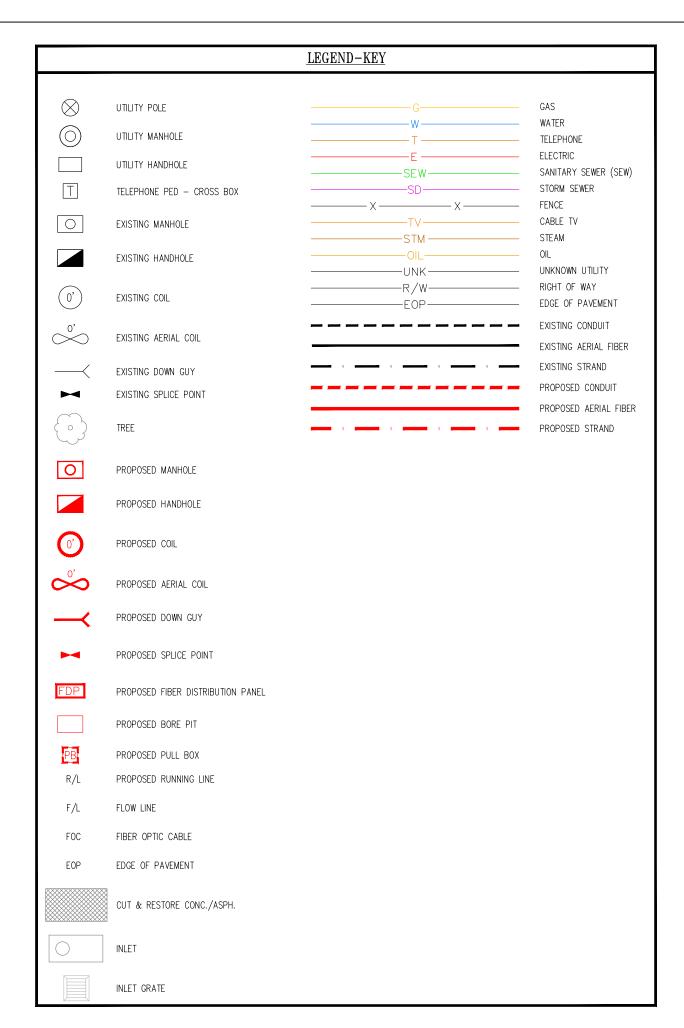
16 NE ST LUKE'S BLVD

SHEET

1 or 19

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- 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.



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LEE'S SUMMII, MO	2021			REVISIONS		

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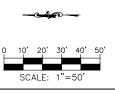
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SHEET 2 of 19







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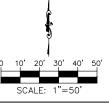
PROJECT SHEET

16 NE ST LUKE'S BLVD LEE'S SUMMIT, MO

SHEET 3 of 19 ins\16 NE St Lukes Blvd\UPN-16\_16 NE St Lukes

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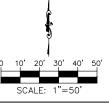
16 NE ST LUKE'S BLVD LEE'S SUMMIT, MO

SHEET 4 OF 19

PROJECT SHEET

PN-16\_16 NE St Lukes BIvd\_FINAL.dwg





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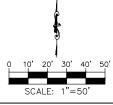
PROJECT SHEET

16 NE ST LUKE'S BLVD LEE'S SUMMIT, MO

SHEET 5 or 19



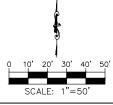




16 NE ST LUKE'S BLVD LEE'S SUMMIT, MO

SHEET 6 or 19 UPN-16\_16 NE St Lukes Blvd\_FINAL.dwg





PE Stamp & Approval

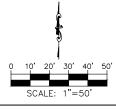
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PROJECT SHEET

16 NE ST LUKE'S BLVD LEE'S SUMMIT, MO

SHEET 7 of 19





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16 NE ST LUKE'S BLVD LEE'S SUMMIT, MO

SHEET 8 of 19

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PROJECT SHEET

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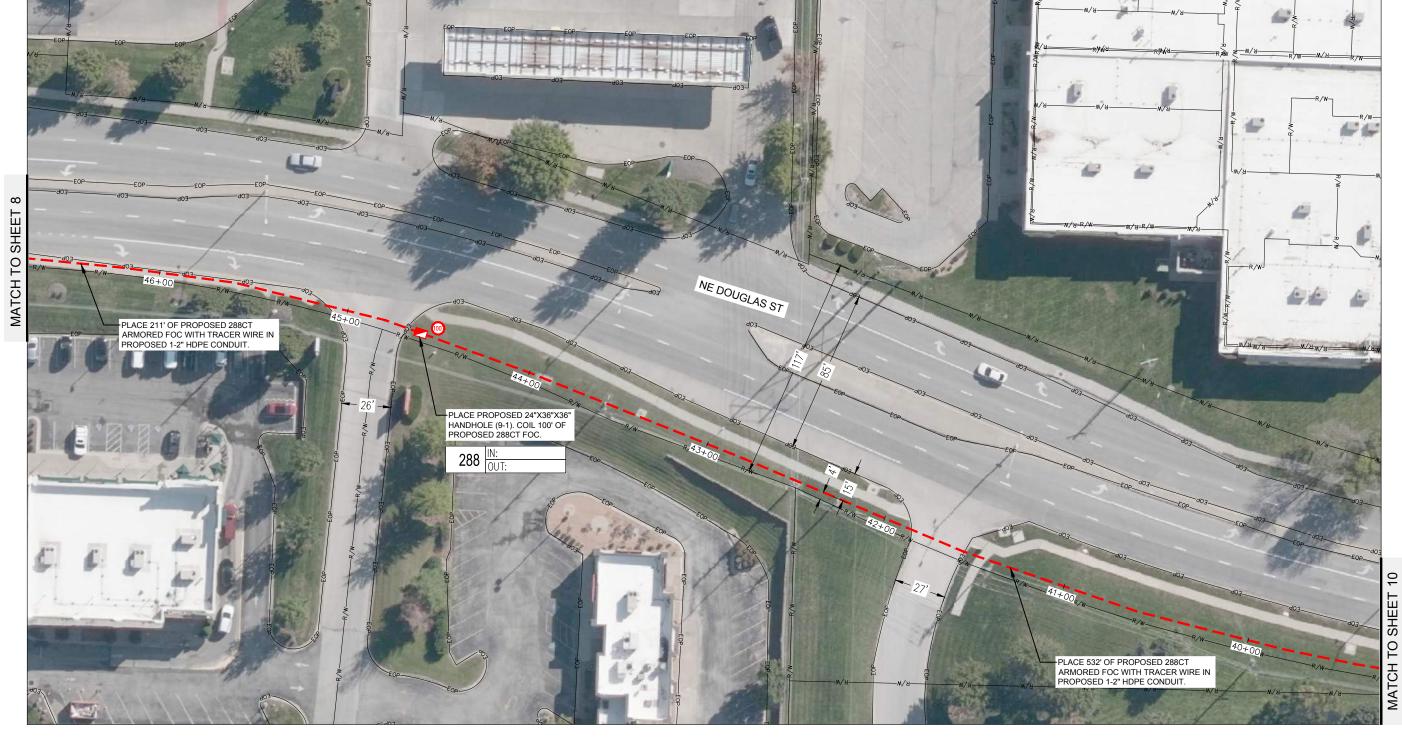
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olsson

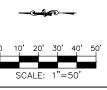
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Know what's below.
Call before you dig.







SHEET 10 of 19

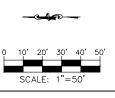
16 NE ST LUKE'S BLVD LEE'S SUMMIT, MO

PROJECT SHEET

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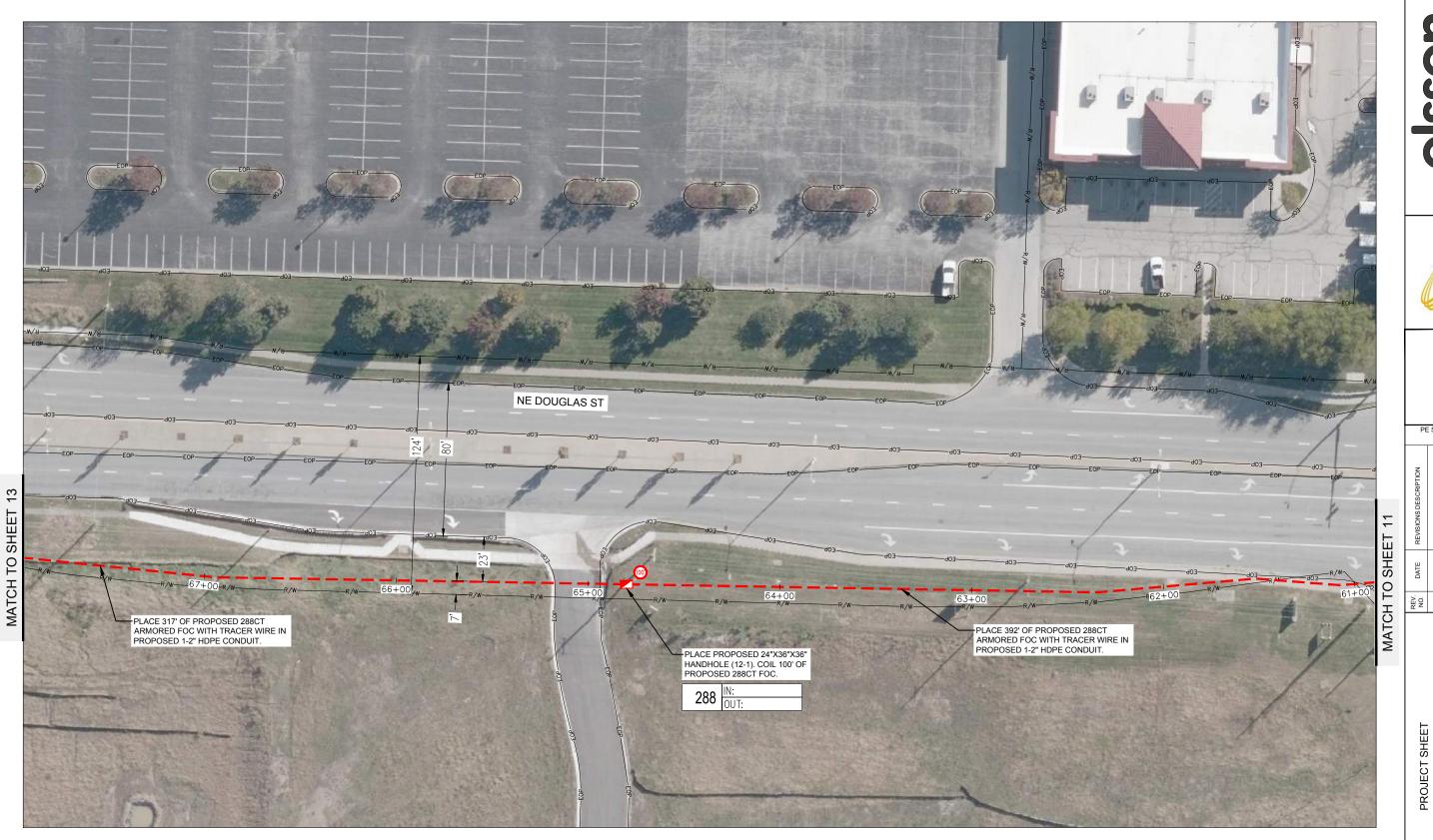
16 NE ST LUKE'S BLVD LEE'S SUMMIT, MO

SHEET 11 of 19

PROJECT SHEET

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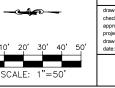
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NOTE: COUNTY GIS APPEARS INACCURATE IN THIS AREA. CONTRACTOR TO VERIFY RIGHT OF WAY PRIOR TO CONSTRUCTION.







16 NE ST LUKE'S BLVD LEE'S SUMMIT, MO

SHEET 12 of 19

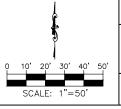
SHEET 13 of 19



MATCH TO SHEET 14

MATCH TO SHEET 15

SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION. SEE SHEET 18 FOR SITE PHOTOGRAPHS. Know what's below.
Call before you dig.



SHEET 14 OF 19

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PROJECT SHEET

16 NE ST LUKE'S BLVD LEE'S SUMMIT, MO

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16 NE ST LUKE'S BLVD LEE'S SUMMIT, MO

PROJECT SHEET

SHEET 15 OF 19

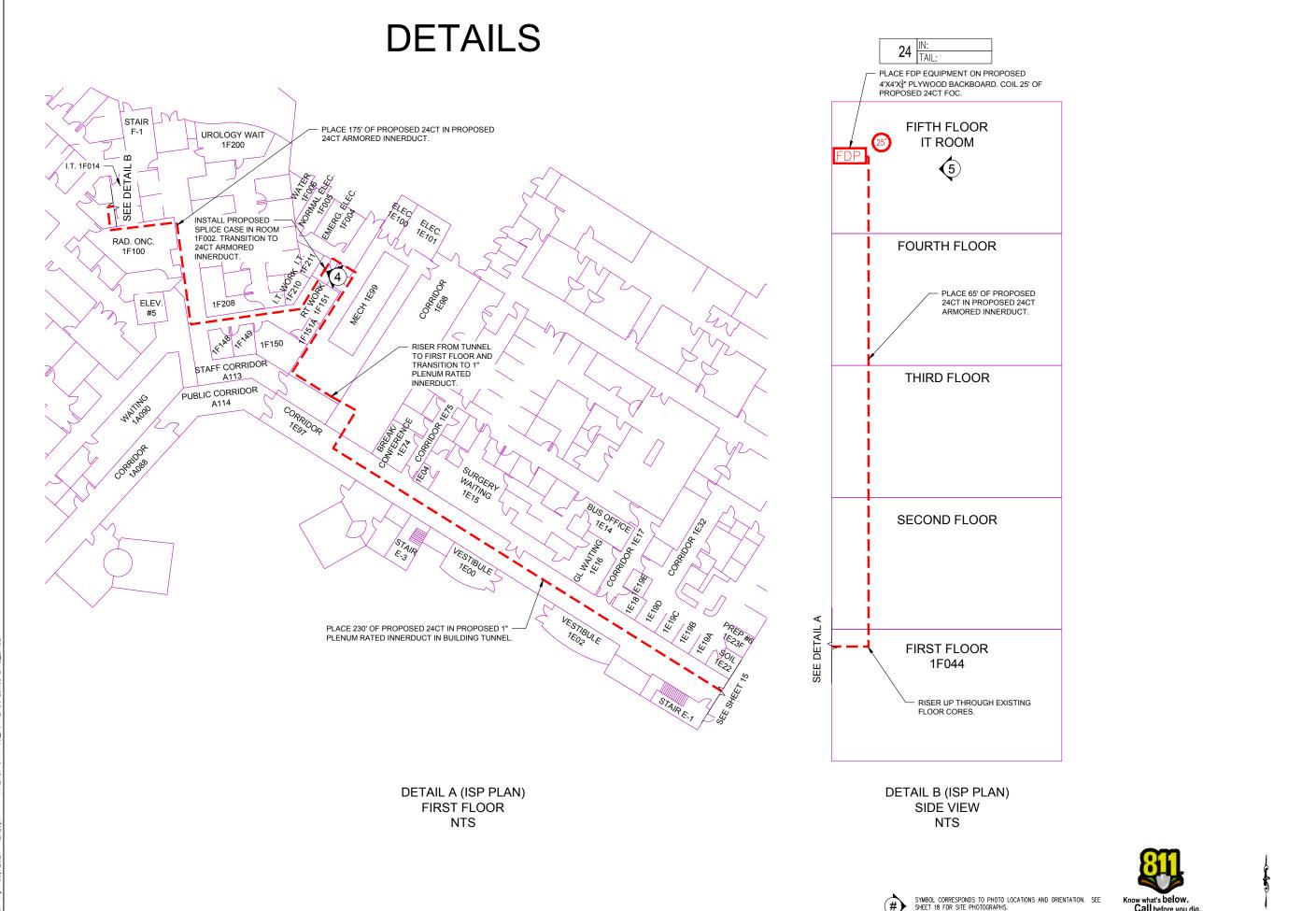
SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION. SEE SHEET 18 FOR SITE PHOTOGRAPHS.







MATCH TO SHEET 14



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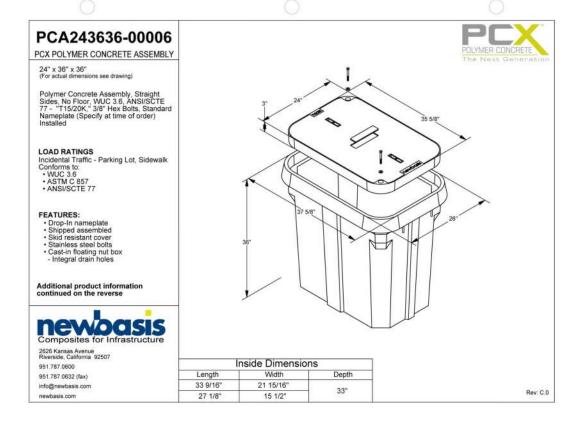
16 NE ST LUKE'S BLVD LEE'S SUMMIT, MO DETAIL SHEET

checked by: approved by: project no.: drawing no.: date:

SHEET 16 or 19

Call before you dig.

## **TYPICALS**



PCA243636-00006	PCX POLYMER CONCRETE ASSEMBLY	POWER EDWORTE NEW DOOSIS
Polymer Concrete Assembly, Straight Side "T15/20K," 3/8" Hex Bolts, Standard Name	es, No Floor, WUC 3.6, ANSI/SCTE 77 - eplate (Specify at time of order) Installed	24" × 36" × 36" For actual dimensions, see drawing on front side.
AVAILABLE OPTIONS	NAMEPLATES	LIFT PIN FOR HAND HOLE COVER HOOK (NEWBASIS P/N: 0701 OR EQUIVALENT)
□ Tier 22 Load Rating □ Penta Bolts □ Telephone EMS □ Power EMS □ Custorn Nameplate Installed □ Custorn Nameplate Shipped Separately □ Standard Nameplate Shipped Separately □ Standard Nameplate Shipped Separately	One standard nameplate included with each assembly, installed at the factory or easily installed in the field. Custom nameplates are available. Contact customer service.  Standard Nameplates  Electric  Fleighone  Fleighone  Vater  Street Lighting  Broadband  Traffic  CATV  Traffic Signal  Communications	NAMEPLATE LOCATION  LIFTING BOLTS TO ACCOMODATE LIFTING STRAPS  RFID SMART TAG INSIDE BOX
2 - Indicates a selected option		
MATERIAL PROPERTIES AND ATTRIBUTES  Compressive Strength Polymer Concrete - 11500 PSI	WEIGHTS AND SHIPPING COVER WEIGHT: 98,0 lbs.	PACKAGING (Steel Banding, Edge Protection) PALLET QUANTITY: 4
MATERIAL PROPERTIES AND ATTRIBUTES  Compressive Strength Polymer Concrete - 11500 PSI	COVER WEIGHT: 98.0 lbs. BOX WEIGHT: 239.9 lbs.	WEST STREET, THE STREET, AND STREET, THE S
MATERIAL PROPERTIES AND ATTRIBUTES Compressive Strength Polymer Concrete - 11500 PSI Per ASTM D095 Fer ASTM D095	COVER WEIGHT: 98.0 lbs. BOX WEIGHT: 239.9 lbs. ASSEMBLY WEIGHT: 337.9 lbs.	WICH AND THE PROPERTY OF THE P
MATERIAL PROPERTIES AND ATTRIBUTES  Compressive Strength Polymer Concrete - 11500 PSI Per ASTM D099  Floxural Strength Polymer Concrete - 4000 PSI Per ASTM D0790	COVER WEIGHT: 98.0 lbs. BOX WEIGHT: 239.9 lbs.	WICH AND THE PROPERTY OF THE P
MATERIAL PROPERTIES AND ATTRIBUTES	COVER WEIGHT: 98.0 lbs. BOX WEIGHT: 239.9 lbs. ASSEMBLY WEIGHT: 337.9 lbs. LOADED PALLET WEIGHT: 1394 lbs. Standard shipping includes van delivery	WEST STREET, THE STREET, AND STREET, THE S
MATERIAL PROPERTIES AND ATTRIBUTES  Compressive Strength Polymer Concrete - 11500 PSI Per ASTM D095  Flexural Strength Polymer Concrete - 4000 PSI Per ASTM D790  Coefficient of Priction (Dry) 1.085	COVER WEIGHT: 98.0 lbs. BOX WEIGHT: 239.9 lbs. ASSEMBLY WEIGHT: 337.9 lbs. LOADED PALLET WEIGHT: 1394 lbs.	WICH AND THE PROPERTY OF THE P

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REV. DATE REVISIONS DESCRIPTION

2021

DEVICEIONS

TYPICAL DETAILS

16 NE ST LUKE'S BLVD

LEE'S SUMMIT, MO

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approved by:
project no.:
drawing no.:
date:

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SHEET 17 OF 19

## SITE PHOTOGRAPHS





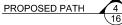














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FDP LOCATION

olsson

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

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16 NE ST LUKE'S BLVD

	TOTAL QUANTITIES		
ITEM	ITEM DESCRIPTION	UNITS	QUANTITY
1.	ROD & PROOF EXISTING DUCT	LF	1610
2.	SUPPLY & INSTALL 1-2" HDPE DUCT	LF	6134
3.	SUPPLY & INSTALL 2-2" HDPE DUCT	LF	
4.	SUPPLY & INSTALL 1-1.25" HDPE DUCT	LF	
5.	SUPPLY & INSTALL 2" PVC DUCT	LF	
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	6134
10.	SUPPLY & INSTALL 24"X36"X36" HANDHOLE	EACH	11
11.	SUPPLY & INSTALL UNDERGROUND SPLICE ENCLOSURE	EACH	2
12.	INSTALL 432CT ARMORED FIBER OPTIC CABLE - UNDERGROUND	LF	
13.	INSTALL 288CT ARMORED FIBER OPTIC CABLE - UNDERGROUND	LF	8403
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	701
27.	SUPPLY & INSTALL WYE CAST CONNECTOR	EACH	
28.	SUPPLY & INSTALL LB	EACH	
29.	PROPOSED WALL CORE	EACH	
30.	INSTALL 24CT INDOOR/OUTDOOR RATED FIBER OPTIC CABLE - UNDERGROUND	LF	1482
31.	INSTALL 24CT INDOOR/OUTDOOR RATED FIBER OPTIC CABLE - AERIAL	LF	
32.	REMOVE & REPLACE SIDEWALK	SQ FT	
33.	REMOVE & REPLACE ASPHALT	SQ FT	
34.	24CT ARMORED INNERDUCT	LF	240
35.	TRAFFIC PERMIT	AGENCIES	1
36.	RIGHT OF WAY PERMIT	AGENCIES	1

<sup>\*</sup> CITY, COUNTY, AND STATE.







16 NE ST LUKE'S BLVD

SHEET 19 OF 19

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