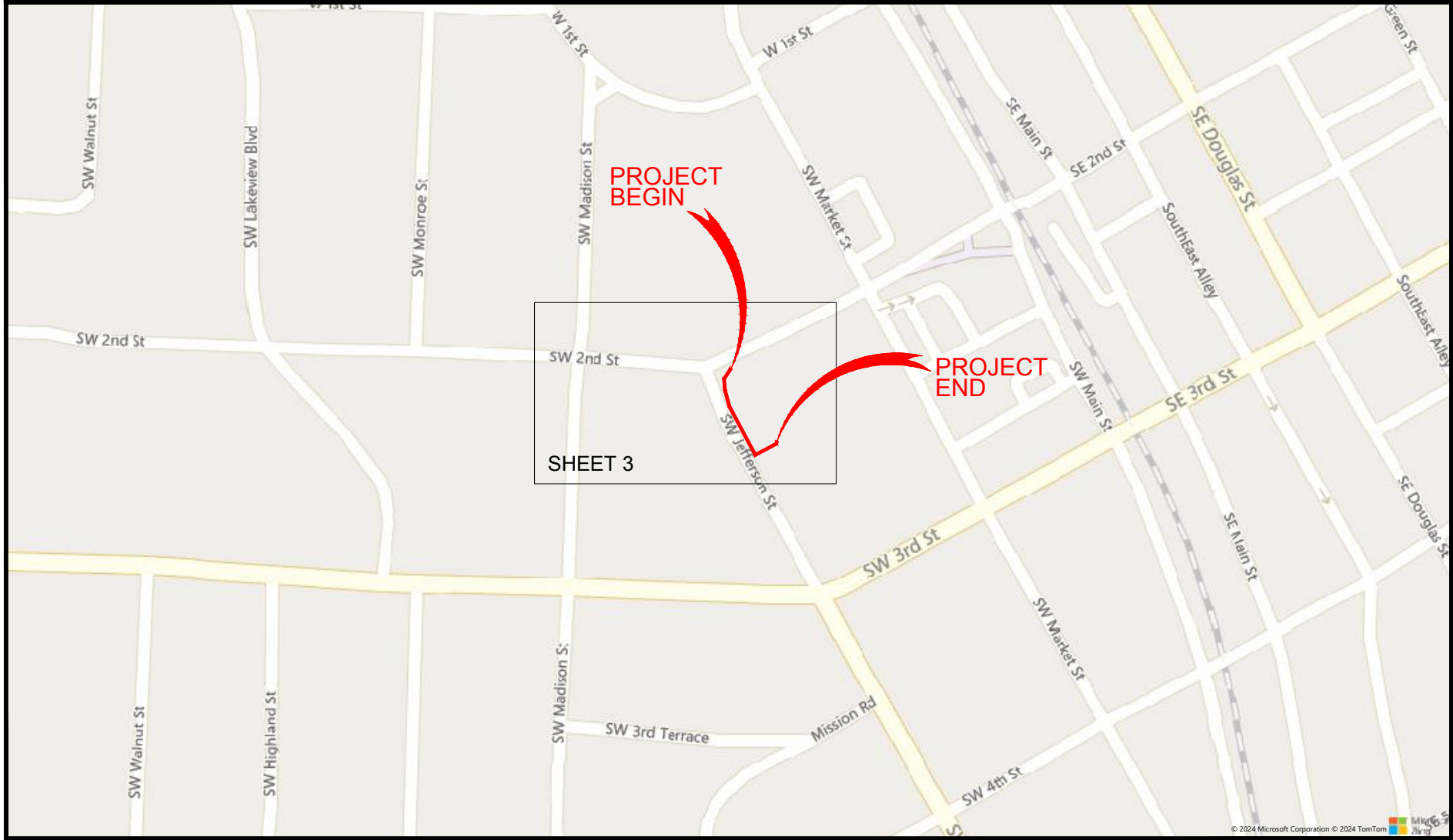


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DATE: Mar 11, 2024 10:53am XREFS: 207B SW Jefferson St\_base USER: avellani

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CONSTRUCTION TECHNICIAN  
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ADAM.GRACE@UPNFIBER.COM

ADDRESS: 207B SW JEFFERSON ST, LEE'S SUMMIT, MO 64063  
PROJECT NUMBER: 48494



VICINITY MAP

JOB 7509

WORK PLAN INDEX

SHEET	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES/LEGEND
3	DESIGN PLAN SHEETS
4	DETAIL SHEET
5	TYPICAL DETAILS
6	FINAL QUANTITIES

BORE 288 FT  
HH 2



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REVISIONS DESCRIPTION

DATE

REV. NO.

REVISIONS

COVER SHEET

207B SW JEFFERSON ST

LEE'S SUMMIT, MO

2024

drawn by: RMS  
checked by: AFI  
approved by: JMC  
project no.: 48494  
drawing no.: UPN-29  
date: 3/11/2024

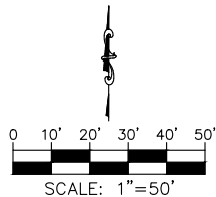
SHEET  
1 OF 6







PROPOSED PATH 







# 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



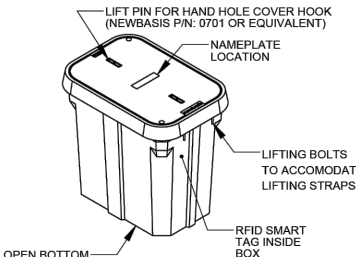
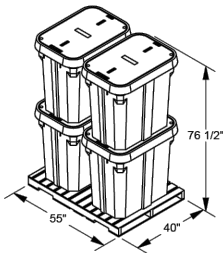
newbasis.com

**PCX**  
POLYMER CONCRETE  
The Next Generation

### Inside Dimensions

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

Rev: C.2

<div style="display: flex; justify-content: space-between;"> <span><b>PCA243636-00006</b></span> <span>PCX POLYMER CONCRETE ASSEMBLY</span> </div>		 
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		<b>24" x 36" x 36"</b> For actual dimensions, see drawing on front side.
<b>AVAILABLE OPTIONS</b>  <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	<b>NAMEPLATES</b>  One standard nameplate included with each assembly, installed at the factory or easily installed in the field. Custom nameplates are available. Contact customer service.  <b>Standard Nameplates</b> <ul style="list-style-type: none"> <li>• Electric</li> <li>• Telephone</li> <li>• Fiber Optic</li> <li>• Water</li> <li>• Street Lighting</li> <li>• Broadband</li> <li>• Traffic</li> <li>• CATV</li> <li>• Traffic Signal</li> <li>• Communications</li> </ul>	 <p>LIFT PIN FOR HAND HOLE COVER HOOK (NEWBASIS P/N: 0701 OR EQUIVALENT)</p> <p>NAMEPLATE LOCATION</p> <p>LIFTING BOLTS TO ACCOMMODATE LIFTING STRAPS</p> <p>RFID SMART TAG INSIDE BOX</p> <p>OPEN BOTTOM</p>
<input checked="" type="checkbox"/> - Indicates a selected option		
<b>MATERIAL PROPERTIES AND ATTRIBUTES</b>  <b>Compressive Strength</b> Polymer Concrete - 11500 PSI Per ASTM D695  <b>Flexural Strength</b> Polymer Concrete - 4000 PSI Per ASTM D790  <b>Coefficient of Friction (Dry)</b> <b>1.085</b> Per ASTM C1028  Polymer Concrete <ul style="list-style-type: none"> <li>- Advanced composite: Very high strength to weight ratio</li> <li>- Non-metallic</li> <li>- Non-conductive</li> <li>- UV Resistant</li> <li>- High impact resistant</li> <li>- Impervious to chemicals and moisture</li> </ul>	<b>WEIGHTS AND SHIPPING</b>  COVER WEIGHT: 98.0 lbs.  BOX WEIGHT: 330.1 lbs.  ASSEMBLY WEIGHT: 428.1 lbs.  LOADED PALLET WEIGHT: 1,775 lbs.  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.	<b>PACKAGING</b> (Steel Banding, Edge Protection)  PALLET QUANTITY: 4   <p>76 1/2"</p> <p>55"</p> <p>40"</p>
Materials tested in accordance with ASTM D-543 and ASTM D-570		Rev: C.2

DWG: F:\2024\00001-00500\024-00009\40-design\AutoCAD\mso phases\unite-29 207b se jefferson st\Final Plans\UPN-29\_207B SW Jefferson St\_final plans.dwg  
DATE: Mar 11, 2024 10:53am XREFS: 207B SW Jefferson St\_base

TOTAL QUANTITIES			
ITEM	ITEM DESCRIPTION	UNITS	QUANTITY
1.	ROD & PROOF EXISTING DUCT	LF	
2.	SUPPLY & INSTALL 1-2" HDPE DUCT	LF	288
3.	SUPPLY & INSTALL 2-2" HDPE DUCT	LF	
4.	SUPPLY & INSTALL 1-1.25" HDPE DUCT	LF	
5.	SUPPLY & INSTALL 2" PVC DUCT	LF	10
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	298
10.	SUPPLY & INSTALL 24"X36"X36" HANDHOLE	EACH	2
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	40
27.	SUPPLY & INSTALL WYE CAST CONNECTOR	EACH	
28.	SUPPLY & INSTALL LB	EACH	
29.	PROPOSED WALL CORE	EACH	1
30.	SUPPLY & INSTALL 2'X2'X3/4" PLYWOOD BACKBOARD	EACH	1
31.	INSTALL 24CT INDOOR/OUTDOOR RATED FIBER OPTIC CABLE - UNDERGROUND	LF	563
32.	INSTALL 24CT INDOOR/OUTDOOR RATED FIBER OPTIC CABLE - AERIAL	LF	
33.	REMOVE & REPLACE SIDEWALK	SQ FT	
34.	REMOVE & REPLACE ASPHALT	SQ FT	
*	35. TRAFFIC PERMIT	AGENCIES	1
*	36. RIGHT OF WAY PERMIT	AGENCIES	1

\* CITY, COUNTY, AND STATE.

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Overland Park, KS 66213-4750 FAX 913.381.1174 [www.olsson.com](http://www.olsson.com)



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