

Job Location: **23652 63rd Street**

Narrative/Special Remarks

This project is part of the MARKETABLE REVENUE – FTTT business plan and will provide for lateral fiber facilities and a CIENA installment to the T-Mobile Cell site located at 23652 63rd St Buckman Mn, 56373 within the Pierz wire center (PIRZMNXA).

ECD - 12/29/2023
 WIRECENTER CLLI: PIRZMNXA
 CUSTOMER CLLI: RYTNMNAF
 PERMITS:
 Morrison Co Permit
 FIELD ENGINEER James Larson
 612-819-8028
 LCON: Travis Dickey
 763-431-3502
 COUNTY: Morrison County
 CONTRACT: 2023LE000014
 2015LE000044
 ACCESS CODE: 7011

DEVELOPER CONTACT

Held Order Information


Service Order #	Customer Terminal:
Customer Name: T-Mobile	Cable Assignment: F1: F2:
Customer Address: 23652 63rd Street, Buckman Mn, 56373	Cross Connect:

Misc. Information

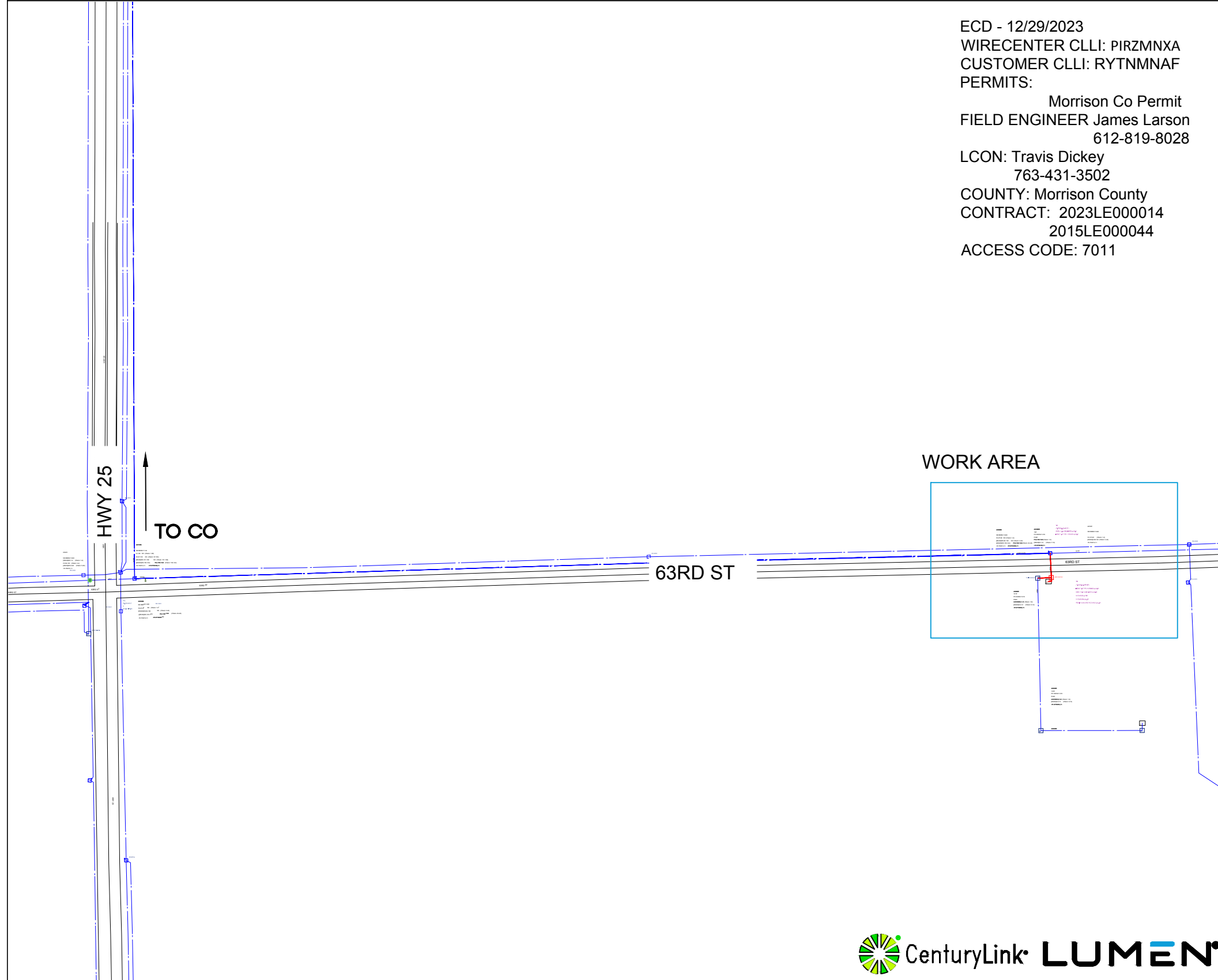
List all associated projects	Permit Information Right of Way Required False State Permit Required False County Permit Required Yes City Permit Required False Additional Permit Information
Site Location ID # (BVAPP)	Trench Open Date: Cut Sheets: False RZ CZ NOTIFY CONVERSATION NUMBER
FW Contracts: 2023LE000014 2015LE000044	

REVISIONS

DATE	REVISION DESCRIPTION

 ECD: **12/29/23**

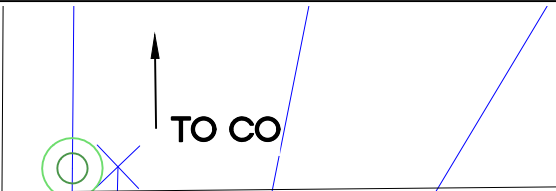
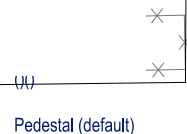
ISSUE:	1	EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF LUMEN BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.
WC CLLI:	PIRZMNXA	
SECTION:	26	DESC: T-Mobile Buckman
TOWNSHIP:	39	EXCH KEY: PIRZMNXA REM KEY: N/A
RANGE:	31	SCALE: 1-100 DATE:



FW PROJECT	WFMT PROJECT	COMMUNITY NAME	ENGINEERING CONTACT	CONTRACT ENGINEER	CONSTRUCTION COORDINATOR	SPlicing COORDINATOR	SECTION: 26	DESC: T-Mobile Buckman	SHEET: 01 OF 14
P.075029		NAME: CITY: Buckman	NAME: James Larsen PHONE: 612-819-8028	NAME: Avani Patel COMPANY: techDash	NAME: James Larsen PHONE: 612-819-8028	NAME: James Larsen PHONE: 612-819-8028	TOWNSHIP: 39	EXCH KEY: PIRZMNXA REM KEY: N/A	
							RANGE: 31	SCALE: 1-100	DATE:

CONSTRUCTION NOTES:

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- SEE INTERNALS SHEET FOR SPLICING DETAILS.



133RD ST

X CR 239 & 38 XCON



A01VL

A01M9

A03H1

A01MA

PED 27015 133RD ST
SEE SHEET 10

A01MG

A03GU

27015 133RD ST
[in]E3032,1-24 (Ports: 1-24)
[DEAD][in]DD,25 (Port: 25)
[in]E3032,26-49 (Ports: 26-49)
[DEAD][in]DD,50 (Port: 50)
[out]E3032,1-24 (Ports: 51-74)
[DEAD][out]DD,25 (Port: 75)
[out]E3032,26-49 (Ports: 76-99)
[DEAD][out]DD,50 (Port: 100)
<N.191171,1>

A01M9
SR-5BR2LT-144
A,1-96 (Fibers: 1-96)
F2,97-144 (Fibers: 97-144)
<N.152214,1>

A01VL	A01MA
SR-5BR2LT-048	SR-5BR2LT-048
A,1-36 (Fibers: 1-36)	A,1-28 (Fibers: 1-28)
F2,133-138 (Fibers: 37-42)	F2,125-132 (Fibers: 29-36)
A,43-48 (Fibers: 43-48)	A,37-48 (Fibers: 37-48)
<N.152214,1>	<N.152214,1>

SR-5BR2LT-144
A,1-96 NC (Fibers: 1-96)
F2,97-122 NC (Fibers: 97-122)
[DEAD]DD,123-138 NC (Fibers: 123-138)
([DEAD]DD,139-144) **F2,139-144** (Fibers: 139-144)
<N.152214,1> **<P.075029,1>**

270TH AVE

A01MG

TO SHEET 3



REVISIONS	
DATE	DESCRIPTION

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RANGE:	31	SCALE: 1-100
		DATE: SHEET: 02 OF 14

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PED 27010 103RD ST
PASS THROUGH

103RD ST

270TH AVE

TO SHEET 4

TO CO/SHEET 2

A01MG

VIRTUAL X BKMN411.5 X CONN

A049Q

TE

A01WW

A01MG

SR-5BR2LT-144
 A,1-96 NC (Fibers: 1-96)
 F2,97-122 NC (Fibers: 97-122)
 [DEAD]DD,123-138 NC (Fibers: 123-138)
 ([DEAD]DD,139-144) **F2,139-144** (Fibers: 139-144)
 <N.152214,1> **<P.075029,1>**

A049Q

PC-5B12LT-006
 F2,121-122 (Fibers: 1-2)
 [DEAD]DD,3-6 (Fibers: 3-6)
 <N.191210,1>

A01WW

SR-5BR2LT-144
 A,1-96 NC (Fibers: 1-96)
 F2,97-120 NC (Fibers: 97-120)
 [DEAD]DD,121-138 NC (Fibers: 121-138)
 ([DEAD]DD,139-144) **F2,139-144** (Fibers: 139-144)
 <N.152214,1> **<P.075029,1>**



REVISIONS	
DATE	DESCRIPTION



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TO CO/SHEET 3

SR-5BR2LT-144
 A,1-96 NC (Fibers: 1-96)
 F2,97-120 NC (Fibers: 97-120)
 [DEAD]DD,121-138 NC (Fibers: 121-138)
 ([DEAD]DD,139-144) **F2,139-144** (Fibers: 139-144)
 <N.152214,1> **<P.075029,1>**

93RD ST

PED 27011 93RD ST
 PASS THROUGH

HIGHWAY 25

TO SHEET 5

A01MK
 SR-5BR2LT-048
 [DEAD]DD,97-106 (Fibers: 1-10)
 F2,107-108 (Fibers: 11-12)
 F2,109-114 (Fibers: 13-18)
 [DEAD]DD,115-144 (Fibers: 19-48)
 <N.798381,1>

A01Y6
 SR-5BR2LT-144
 A,1-96 NC (Fibers: 1-96)
 F2,97-106 NC (Fibers: 97-106)
 [DEAD]D,107-108 NC (Fibers: 107-108)
 [DEAD]DD,109-138 NC (Fibers: 109-138)
 ([DEAD]DD,139-144) **F2,139-144** (Fibers: 139-144)
 <N.798381,1> **<P.075029,1>**

A01MH
 SR-5BR2LT-048
 PLBF
 [DEAD]DD,97-116 (Fibers: 1-20)
 F2,117-120 (Fibers: 21-24)
 [DEAD]DD,121-144 (Fibers: 25-48)
 <N.152214,1>

REVISIONS	
DATE	DESCRIPTION



ECD: **12/29/2023**



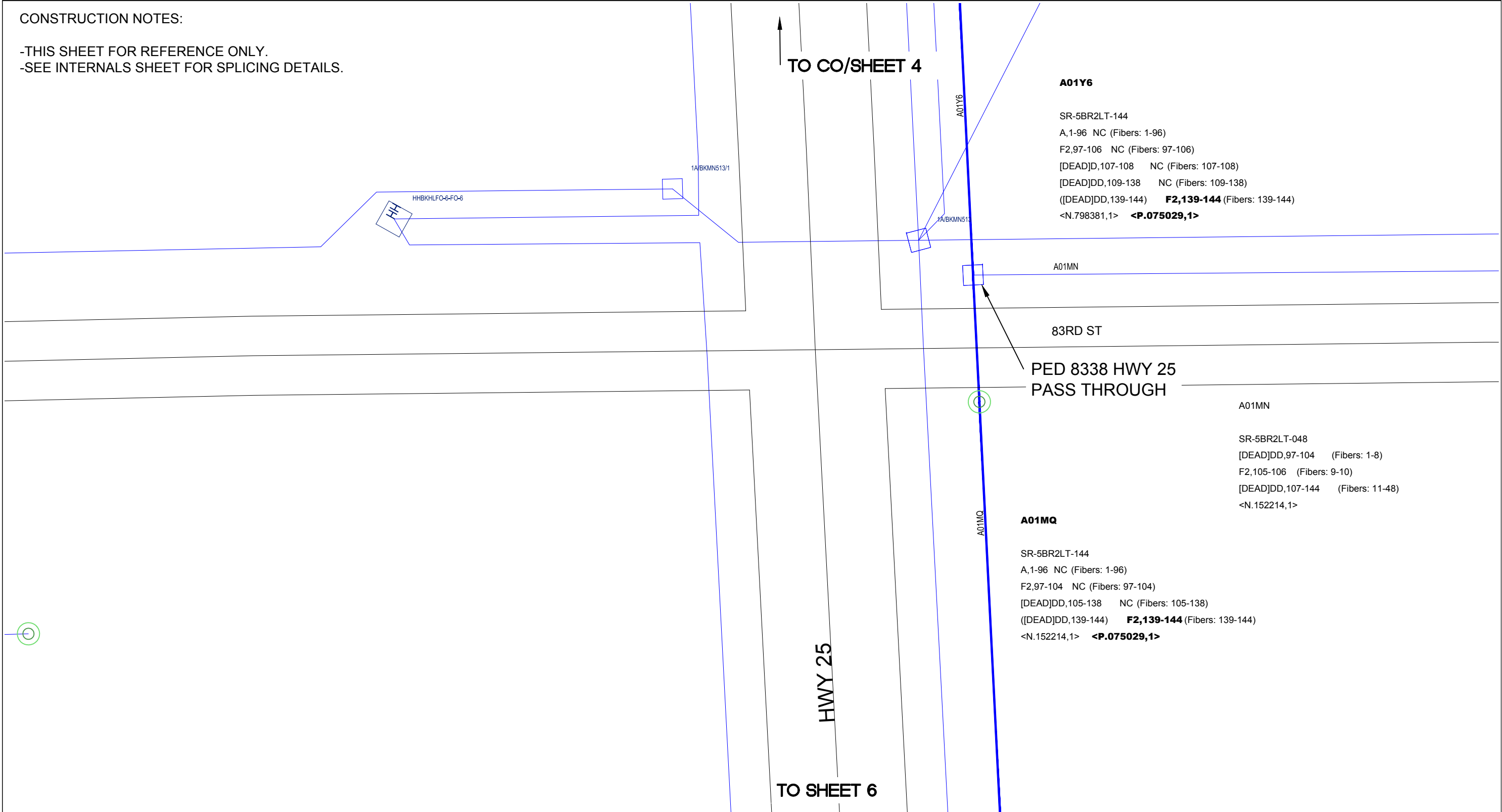
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SHEET: 04 OF 14

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A01Y6
 SR-5BR2LT-144
 A,1-96 NC (Fibers: 1-96)
 F2,97-106 NC (Fibers: 97-106)
 [DEAD]D,107-108 NC (Fibers: 107-108)
 [DEAD]DD,109-138 NC (Fibers: 109-138)
 ([DEAD]DD,139-144) **F2,139-144** (Fibers: 139-144)
 <N.798381,1> **<P.075029,1>**

A01MN
 SR-5BR2LT-048
 [DEAD]DD,97-104 (Fibers: 1-8)
 F2,105-106 (Fibers: 9-10)
 [DEAD]DD,107-144 (Fibers: 11-48)
 <N.152214,1>

A01MQ
 SR-5BR2LT-144
 A,1-96 NC (Fibers: 1-96)
 F2,97-104 NC (Fibers: 97-104)
 [DEAD]DD,105-138 NC (Fibers: 105-138)
 ([DEAD]DD,139-144) **F2,139-144** (Fibers: 139-144)
 <N.152214,1> **<P.075029,1>**

REVISIONS	
DATE	DESCRIPTION

ECD: 12/29/2023

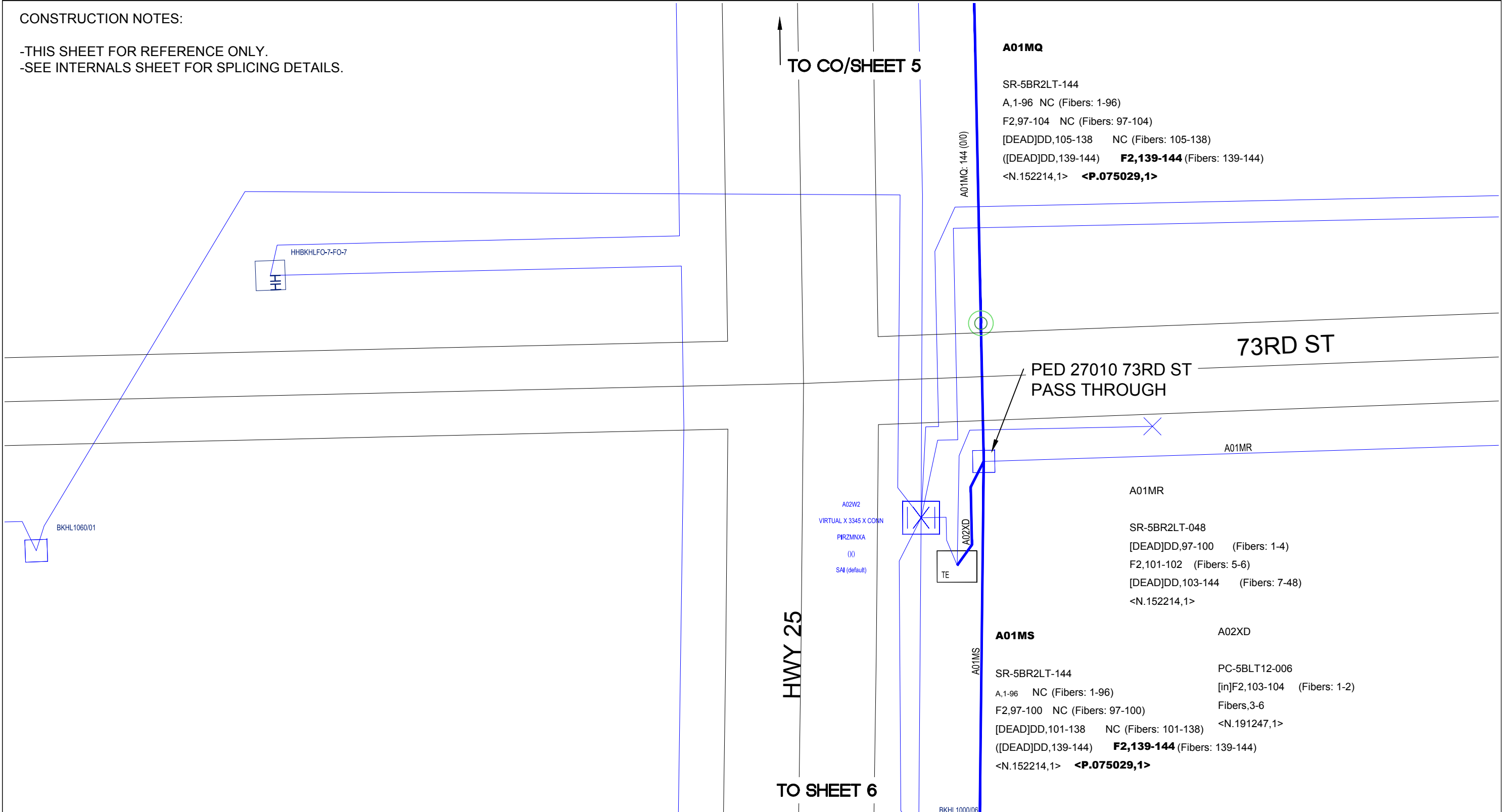


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 WC CLLI: PIRZMNXA
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							RANGE: 31	SCALE: 1-100
							DATE:	SHEET: 05 OF 14

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↑
TO CO/SHEET 5

TO SHEET 6

REVISIONS	
DATE	DESCRIPTION

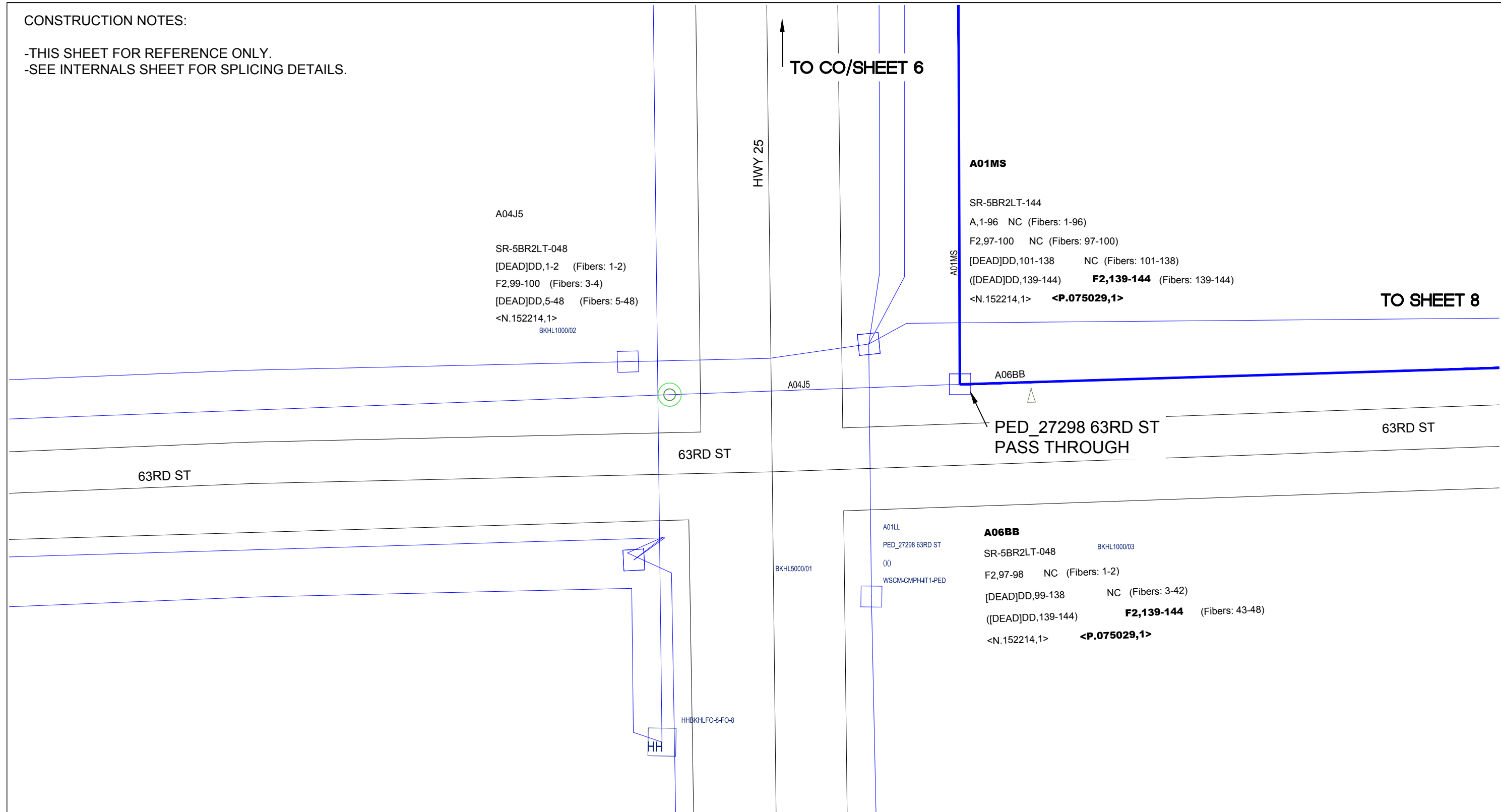
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							SECTION: 26	DESC: T-Mobile Buckman	
							TOWNSHIP: 39	EXCH KEY: PIRZMNXAREM KEY: N/A	
							RANGE: 31	SCALE: 1-100	DATE:

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							SECTION: 26	DESC: T-Mobile Buckman		
							TOWNSHIP: 39	EXCH KEY: PIRZMNXA REM KEY: N/A		
							RANGE: 31	SCALE: 1-100	DATE:	SHEET: 07 OF 14

CONSTRUCTION NOTES:

- BEGIN BORE ACROSS 63RD ST BEGINNING AT AT PEDESTAL 27500 633RD ST WITH 1.25" CONDUIT AND FIBER.
- PLACE (1) NEW LUMEN HANDHOLE AT THE END OF THE BORE
- PLACE (1) NEW CIPED ADJACENT TO NEW LUMEN HANDHOLE
- PLACE 10' OF CONDUIT BETWEEN CIPED AND HANDHOLE
- BEGIN BORE ACROSS DRIVEWAY TO CUSTOMER CBO WITH 1.25" CONDUIT AND FIBER.
- SEE INTERNALS FOR SPLICING DETAILS.

A06BB

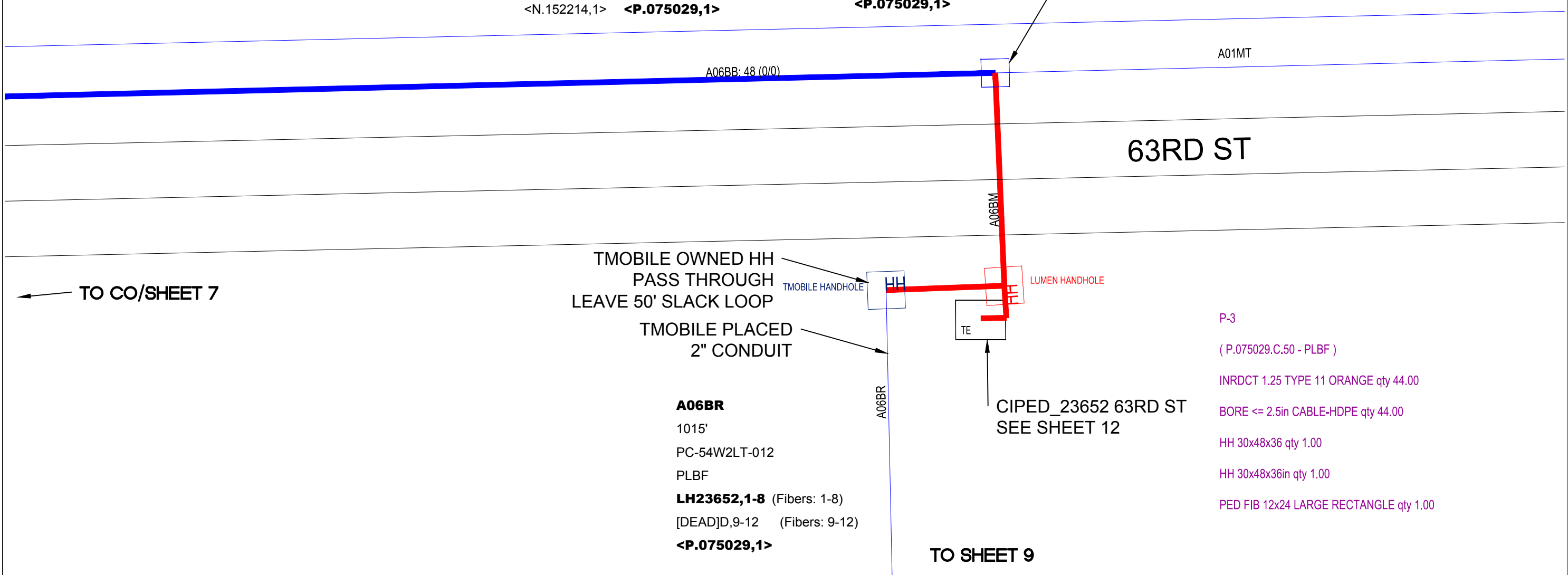
SR-5BR2LT-048
 F2,97-98 NC (Fibers: 1-2)
 [DEAD]DD,99-138 NC (Fibers: 3-42)
 ([DEAD]DD,139-144) **F2,139-144** (Fibers: 43-48)
 <N.152214,1> **<P.075029,1>**

A06BM

190'
 PC-54W2LT-012
 PLBF
F2,139-144 (Fibers: 1-6)
 [DEAD]D,7-12 (Fibers: 7-12)
<P.075029,1>

P-2
 (P.075029.C.50 - PLBF)
 BORE <= 2.5in CABLE-HDPE qty 60.00
 INRDCT 1.25 TYPE 11 ORANGE qty 60.00

A01MT
 SR-5BR2LT-048
 F2, 97-98 (Fibers: 1-2)
 [DEAD]D,99-144 (Fibers: 3-48)
 <N.152214,1>



A01MT

63RD ST

TMOBILE OWNED HH
 PASS THROUGH
 LEAVE 50' SLACK LOOP
 TMOBILE PLACED
 2" CONDUIT

A06BR
 1015'
 PC-54W2LT-012
 PLBF
LH23652,1-8 (Fibers: 1-8)
 [DEAD]D,9-12 (Fibers: 9-12)
<P.075029,1>

P-3
 (P.075029.C.50 - PLBF)
 INRDCT 1.25 TYPE 11 ORANGE qty 44.00
 BORE <= 2.5in CABLE-HDPE qty 44.00
 HH 30x48x36 qty 1.00
 HH 30x48x36in qty 1.00
 PED FIB 12x24 LARGE RECTANGLE qty 1.00

TO SHEET 9

REVISIONS

DATE	DESCRIPTION



ECD: 12/29/2023

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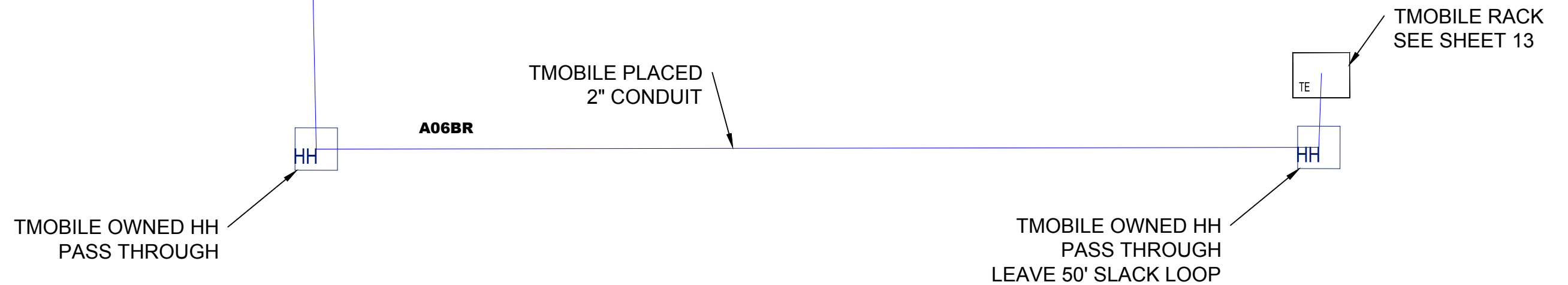
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							TOWNSHIP:	SCALE: 1-100
							RANGE:	DATE:
							31	SHEET: 08 OF 14

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↑
TO CO/SHEET 7

A06BR
 1015'
 PC-54W2LT-012
 PLBF
LH23652,1-8 (Fibers: 1-8)
 [DEAD]D,9-12 (Fibers: 9-12)
<P.075029,1>



REVISIONS	
DATE	DESCRIPTION



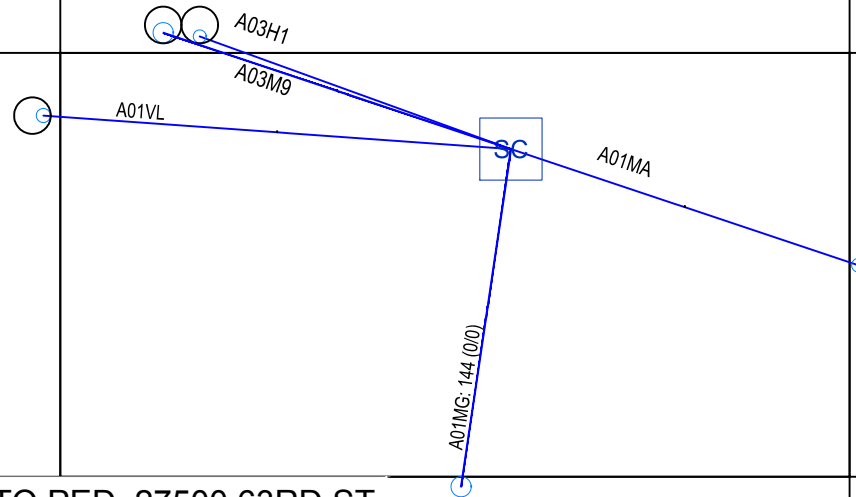
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WC CLLI:	PIRZMNXA	

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							RANGE:	31	SCALE: 1-100
							DATE:		SHEET: 09 OF 14

P-1
 (P.075029.C.20 - PLBF)
 WHAP-RF qty 1.00
 HO1(1-24) qty 6.00

27015 133RD ST
 SEE SHEET 2 FOR LOCATION ON LANDBASE
 -SPlice FIBERS F2, 139-144 FROM EXISTING CABLE [A01M9] TO
 EXISTING CABLE [A01MG]. COUNT SHOULD FLOW THROUGH TO
 PEDESTAL 27500 63RD ST



TO CO

A01M9

SR-5BR2LT-144

A,1-96 (Fibers: 1-96)

F2,97-144 (Fibers: 97-144)

<N.152214,1>

**TO PED_27500 63RD ST
 SEE SHEET 12**

A01MG

SR-5BR2LT-144

A,1-96 NC (Fibers: 1-96)

F2,97-122 NC (Fibers: 97-122)

[DEAD]DD,123-138 NC (Fibers: 123-138)

[(DEAD)DD,139-144] **F2,139-144** (Fibers: 139-144)

<N.152214,1> **<P.075029,1>**

A01MA

SR-5BR2LT-048

A,1-28 (Fibers: 1-28)

F2,125-132 (Fibers: 29-36)

A,37-48 (Fibers: 37-48)

<N.152214,1>

A03H1

PC-5B12LT-006

[in]F2,123-124 (Fibers: 1-2)

[DEAD][in]DD,3-6 (Fibers: 3-6)

<N.191171,1>

A01VL

SR-5BR2LT-048

A,1-36 (Fibers: 1-36)

F2,133-138 (Fibers: 37-42)

A,43-48 (Fibers: 43-48)

<N.152214,1>

REVISIONS

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							DATE:	SHEET: 10 OF 14

27500 63RD ST
SEE SHEET 8 FOR LOCATION ON LANDBASE

- SPLICE EXISTING FIBERS [A01MT] AND [A06BB] TO NEW FIBER [A06BM]
- SPLICE COUNTS F2, 139-144 FROM EXISTING FIBER [A06BB] TO [A06BM].
- COUNTS WILL FLOW THROUGH TO CIPED.

A01MT

SR-5BR2LT-048

F2,97-98 (Fibers: 1-2)

[DEAD]DD,99-144 (Fibers: 3-48)

<N.152214,1>

TO CO/PED 27015 133RD ST
SHEET 10

TO CIPED 23652 63RD ST
SEE SHEET 12

P-4

(P.075029.C.20 - PLBF)

HO1(1-24) qty 6.00

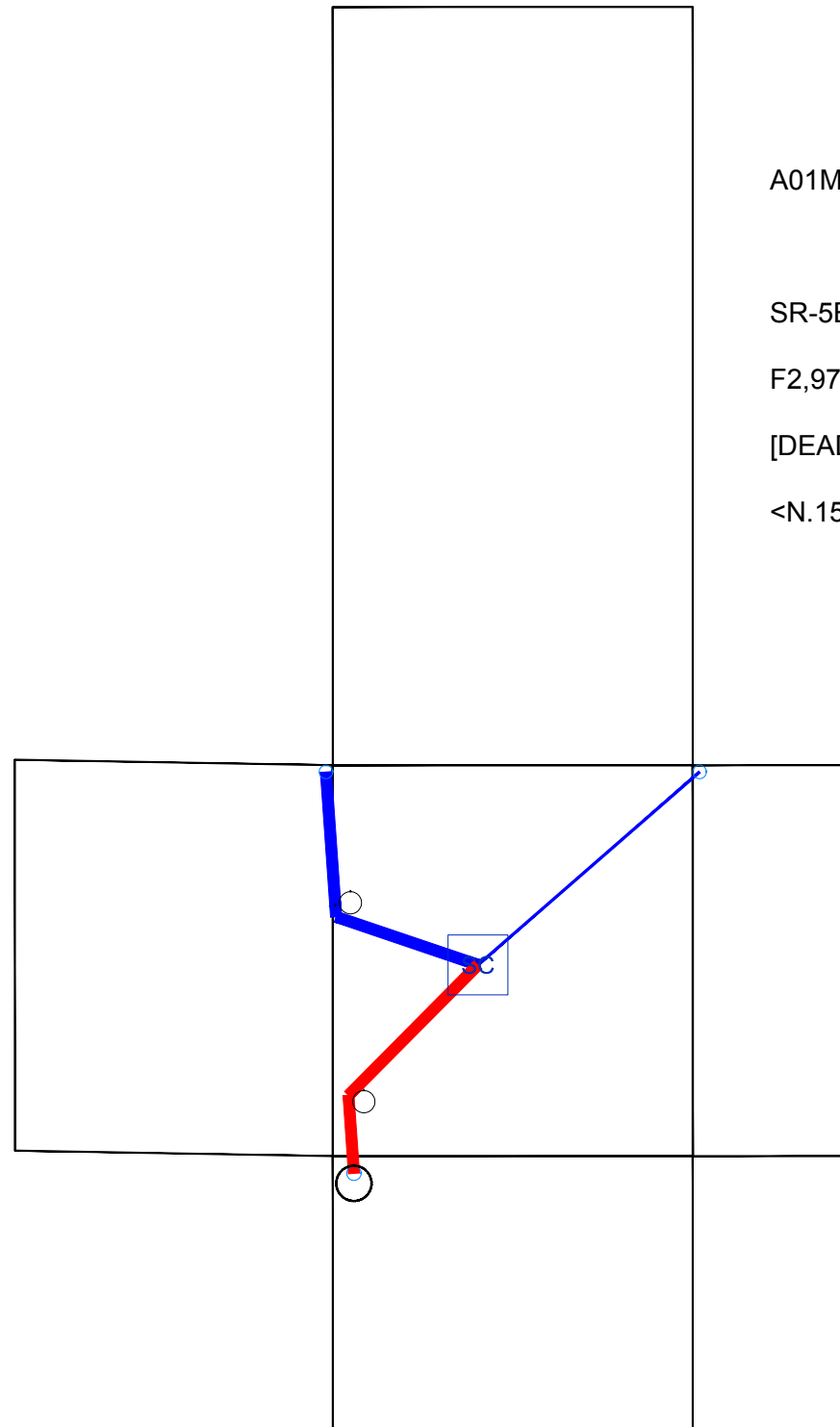
WHAP-RF qty 1.00

P-5

(P.075029.C.50 - PLBF)

FIBER PL IN CONDUIT qty 190.00

FIB 12 1JKT 1ARMOR LT qty 190.00



A06BB

SR-5BR2LT-048

F2,97-98 NC (Fibers: 1-2)

[DEAD]DD,99-138 NC (Fibers: 3-42)

[(DEAD]DD,139-144) **F2,139-144** (Fibers: 43-48)

<N.152214,1>

<P.075029,1>

A06BM

190'

PC-54W2LT-012

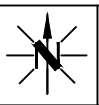
PLBF

F3,139-144 (Fibers: 1-6)

[DEAD]D,7-12 (Fibers: 7-12)

<P.075029,1>

REVISIONS	
DATE	DESCRIPTION



ECD: 12/29/2023

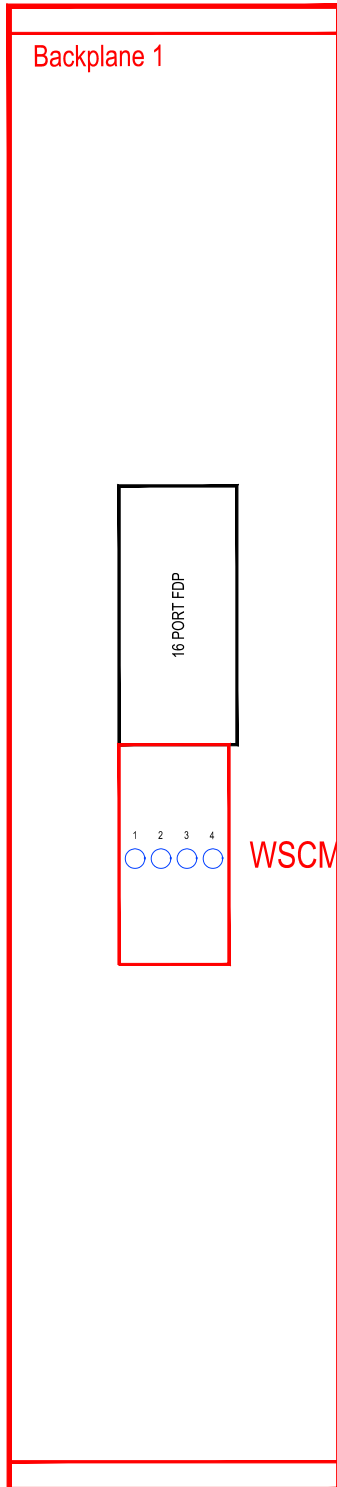


ISSUE: 1
WC CLLI: PIRZMNXA
EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT. THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF LUMEN BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

FW PROJECT	WFMT PROJECT:	COMMUNITY NAME	ENGINEERING CONTACT	CONTRACT ENGINEER	CONSTRUCTION COORDINATOR	SPLICING COORDINATOR	SECTION:	26	DESC: T-Mobile Buckman
P.075029		NAME: CITY: Buckman	NAME: James Larsen PHONE: 612-819-8028	NAME: Avani Patel COMPANY: techDash	NAME: James Larsen PHONE: 612-819-8028	NAME: James Larsen PHONE: 612-819-8028	TOWNSHIP:	39	EXCH KEY: PIRZMNXA REM KEY: N/A
							RANGE:	31	SCALE: 1-100
							DATE:		SHEET: 11 OF 14

CIPED 23652 63RD ST
SEE SHEET 8 FOR LOCATION ON LANDBASE

-SPLICE FIBERS F2, 139-140 TO FRONT OF CIPED BACKPLANE 1.
-JUMPER 2 FIBERS TO THE BACKSIDE AND SPLICE NEW 12 FIBER TO THE BACK OF BACKPLANE 1.
-CIPED TO GENERATE NEW COUNT LH23652,1-8
-PUSH COUNT LH23652,1-8 TO TMOBILE RACK



A06BY
Port (Default)
()
Port (Default)
[in]F2,139-140 (Ports: 1-2)
[DEAD][in]D,3-8 (Ports: 3-8)
[out]LH23652,1-8 (Ports: 9-16)
<P.075029,1>

P-6
(P.075029.C.20 - PLBF)
HO1(1-24) qty 10.00
HO4 qty 2.00

P-7
(P.075029.C.50 - PLBF)
FIB 12 1JKT 1ARMOR LT qty 1015.00
FIBER PL IN CONDUIT qty 1015.00

WSCM-CFDP206-EL08-SC/UPC

TO CO/PED 27500 63RD ST
SHEET 11

A06BR
1015'
PC-54W2LT-012
PLBF
LH23652,1-8 (Fibers: 1-8)
[DEAD]D,9-12 (Fibers: 9-12)

TO TMOB RR
SHEET 13

A06BM
190'
PC-54W2LT-012
PLBF
F2,139-140 (Fibers: 1-2)
[DEAD]D,3-12 (Fibers: 3-12)



REVISIONS	
DATE	DESCRIPTION



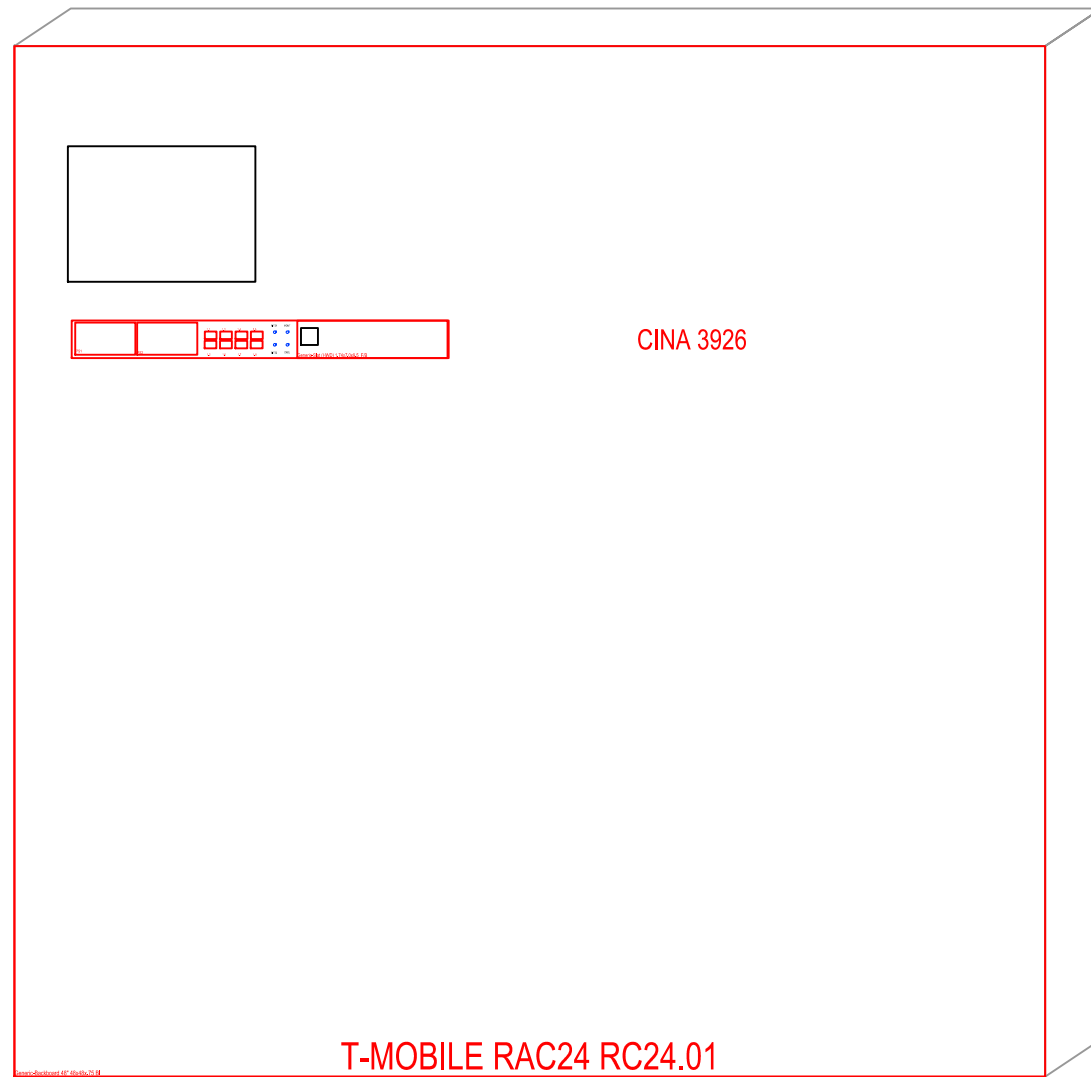
ECD: **12/29/2023**

ISSUE:	1	EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT. THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF LUMEN BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.
WC CLLI:	PIRZMNXA	
SECTION:	26	DESC: T-Mobile Buckman
TOWNSHIP:	39	EXCH KEY: PIRZMNXA REM KEY: N/A
RANGE:	31	SCALE: 1-100
		DATE:

FW PROJECT	WFMT PROJECT:	COMMUNITY NAME	ENGINEERING CONTACT	CONTRACT ENGINEER	CONSTRUCTION COORDINATOR	SPLICING COORDINATOR
P.075029		NAME: Buckman CITY: Buckman	NAME: James Larsen PHONE: 612-819-8028	NAME: Avani Patel COMPANY: techDash	NAME: James Larsen PHONE: 612-819-8028	NAME: James Larsen PHONE: 612-819-8028

TMOBILE RACK
SEE SHEET 9 FOR LOCATION ON LANDBASE

- LUMEN TO PLACE NEW 12 PORT FDP AND CIENA 3926 DEVICE INSIDE RELAY RACK.
- SPLICE FIBERS LH2, 139-140 TO THE 12 PORT FDP
- JUMPER 2 FIBERS TO CIENA 3926
- TEST AND TURN UP FIBERS F2, 139-140



Terminal Enclosure (NEMA-4)

- P-8
- (P.075029.C.21 - SPDF)
- FIBTEST-IWF qty 2.00
- FIBTEST-IWF qty 2.00
- CKT SETUP-IWF qty 1.00
- HO1(1-24) qty 4.00
- HO4 qty 2.00

TO CO/CIPED 23652 63RD ST
SHEET 12

A06C5

Port (Default)

()()

Port (Default)

[in]F2,139-140 (Ports: 1-2)

<P.075029,1>

A06C2

Port (Default)

()()

Port (Default)

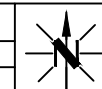
[in]F2,139-140 (Ports: 1-2)

[DEAD][in]D,3-12 (Ports: 3-12)

<P.075029,1>



REVISIONS	
DATE	DESCRIPTION



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WC CLLI:	PIRZMNXA		
SECTION:	26		DESC: T-Mobile Buckman
TOWNSHIP:	39	EXCH KEY: PIRZMNXA	REM KEY: N/A
RANGE:	31	SCALE: 1-100	DATE:

FW PROJECT	WFMT PROJECT:	COMMUNITY NAME	ENGINEERING CONTACT	CONTRACT ENGINEER	CONSTRUCTION COORDINATOR	SPLICING COORDINATOR
P.075029		NAME: CITY: Buckman	NAME: James Larsen PHONE: 612-819-8028	NAME: Avani Patel COMPANY: techDash	NAME: James Larsen PHONE: 612-819-8028	NAME: James Larsen PHONE: 612-819-8028

PROJECT DESCRIPTION

This project is part of the MARKETABLE REVENUE - FTTT business plan to provide fiber and 1G service to a new site for TMO Cell located at 23652 63rd St within the Pierz wire center (PIRZMNXA).

A CIENA 3926M or 3931 will be installed. This will be served out of a L-Q office (IROOSA)

FTTT ID: FT3 PPM-TMobile-F485150-001

SITE ADDRESS: 23652 63rd Street

CUSTOMER SITE CLLI: PIRZMNAC

CHARLES PED/MPOP CLLI: N/A

FIBERS TO CHARLES PED/MPOP: F2, 139-144

NEW EQUIPMENT CLLI: RYTNMNAF00W

NEW EQUIPMENT TYPE: CIENA 3931 (DC) or CIENA 3926M (DC)

NEW FIBERS TO CIENA 3926M/3931: F2, 139-140 --- >TMO

PROJECT JUSTIFICATION

This work is required in provisioning TMO wireless with a 1G uplink under the FT3 business plan. This is a new site with no existing services.

PROJECT TIME- LINE

The Construction Complete date is required by: **12/30/2022**

NETWORK ARCHITECTURE

DIST FROM CO: 10.25 miles

SFP AT CIENA: 40KM

MOE: LTFLMNL (IROOSA)

PROJECT "SCOPE OF WORK" DETAIL

CO FIBER INFO:

PIRZMNXA

F2, 139-144

FRAME CODE: F04

RR: 010001.01

PANEL: 02

PORTS: 67-72

TMO SITE:

PIRZMNAC

F2, 139-140


FRAME CODE: F01

RR: Engineer to provide

PANEL: 01

PORTS: 1-2



REVISIONS			ECD: 12/29/2023	
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		WC CLLI:	PIRZMNXA	EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT. THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF LUMEN BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.
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P.075029	COMMUNITY NAME	TOWNSHIP:	39	EXCH KEY: PIRZMNXAREM KEY: N/A
	ENGINEERING CONTACT	RANGE:	31	SCALE: 1-100
	CONTRACT ENGINEER	DATE:		

NAME:	NAME: James Larsen	NAME: Avani Patel	NAME: James Larsen	NAME: James Larsen					
CITY: Buckman	PHONE: 612-819-8028	COMPANY: techDash	PHONE: 612-819-8028	PHONE: 612-819-8028					