

PROJECT COORDINATION CONTACTS			
NAME	AGENCY	PHONE NUMBER	EMAIL
VANCE WEWEL	UNITE PRIVATE NETWORKS	402-646-0940	VANCE.WEWEL@UPNFIBER.COM
MICHELE LINCOLN	BENNET VILLAGE CLERK	402-782-2314	CITYCLERK@CITYOFBENNET.COM
CIERRA ARNETT	NDOT	402-471-0850	CIERRA.ARNETT@NEBRASKA.GOV

BENNET, NEBRASKA

UNITE PRIVATE NETWORKS

47269 FIRST NEBRASKA BANK

50 MONROE STREET

PERMITS REQUIRED	
SHT. NO.	DESCRIPTION
F.1-F.2	CITY OF BENNET
F.2	NDOT OCCUPY NE-43
F.2	NDOT UNDERCROSS NE-43

SHT. NO.	SHEET INDEX
C.1	COVER
G.1	GENERAL NOTES
F.1-F.2	FIBER DESIGN



PROJECT NO.	SHEET NO.
017-0140	C.1
Date: 03\08\2024	Drawn: DDL Checked: TMR Approved: JPD

PROJECT: 47269 FNB BENNET
50 MONROE STREET



NOT TO SCALE



PRIOR TO CONSTRUCTION:

CALL 811 FOR LOCATION OF UNDERGROUND TELEPHONE, ELECTRIC, GAS MAINS, CABLE TELEVISION AND OTHER UTILITIES.

EXISTING UNDERGROUND AND OVERHEAD UTILITIES AND DRAINAGE STRUCTURES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS THE RESPONSIBILITY OF THE INDIVIDUAL CONTRACTORS TO EXACTLY LOCATE AND PROTECT EACH EXISTING UTILITY BEFORE AND DURING ACTUAL CONSTRUCTION.

CONSTRUCTION SHALL MEET CITY OF BENNET STANDARD CONSTRUCTION SPECIFICATIONS AND STANDARD PLANS.



COVER

USER: tield
DATE: 03/08/2024
DGN: F:\2017\001-0500\017-0140-47269 FNB Bennet\Sheets\GN_City of Lincoln_Master.dgn

LEGEND OF SYMBOLS

- EXISTING CONDUIT
- EXISTING AERIAL FIBER
- BORED CONDUIT
- TRENCHED CONDUIT
- NEW AERIAL FIBER
- NEW AERIAL FIBER, OVERLASH
- MESSENGER CABLE
- NEW PULL BOX
- NEW PEDESTAL
- NEW POLE
- NEW DOWN GUY
- NEW RISER
- NEW SLACK SPAN
- NEW SLACK LOOP
- EXISTING PULL BOX
- EXISTING PEDESTAL
- EXISTING UTILITY POLE
- EXISTING SLACK LOOP
- EXISTING SPLICE CASE
- EXISTING MANHOLE
- SIGN
- BARRICADE
- DRUM
- BORE PIT
- ARROW PANEL



CABLE AND CONDUIT DESIGNATIONS

- B is Conduit Bored (ie..3" B)
C is conductor (ie.. 3/C)
CC is Coaxial Cable
CCC is Camera Control Cable
CDC is Camera Detector Cable
CG is Circuit Ground
CPC is Camera Power Cable
DB is Direct Buried
DMSC is Dynamic Message Sign Cable
EDC is Emergency Detector Cable
ETW is Electric Tracer Wire
EX is Existing
FI is Fabric Interduct
FLC is Fiber Locate Cable
FTW is Fiber Tracer Wire
INS is Install
INT is Intraduct
LC is Lead-In Cable
M is Conduit Mounted (ie..2" M)
4-MB is Main Line Conduit Group Bored (4) 1 1/4"
MM is Multi Mode Fiber Cable
4-MT is Main Line Conduit Group Trenched (4) 1 1/4"
NO is Number
OH is Over Head
PR is Pair of Communication (ie.. 6 PR)
REL is Relocate
REM is Remove
SC is Service Cable
SL is Street Light
SM is Single Mode Fiber Cable
T is Conduit Trenched (ie..3" T)
TW is Tracer Wire (black or green)

PCA243636-00006

POLYMER CONCRETE ASSEMBLY

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

Polymer Concrete Assembly, Straight Sides, No Floor, WUC 3.6-20K, 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

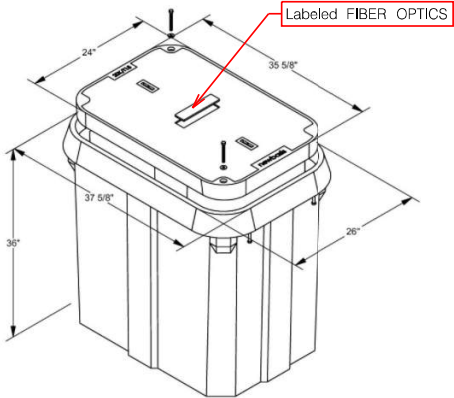
FEATURES:

- USDA/RUS Approved
- Drop-In nameplate
- Shipped assembled
- Stud resistant cover
- Stainless steel bolts
- Cast-in floating nut box
- Integral drain holes

Additional product information continued on the reverse

newbasis
Composites for Infrastructure

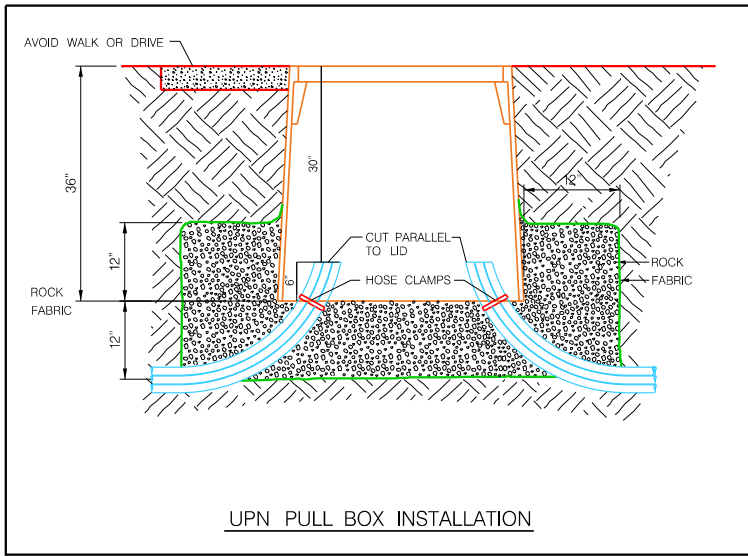
2626 Kansas Avenue
Riverside, California 92507
951.787.0600
951.787.0632 (fax)
info@newbasis.com
newbasis.com



Inside Dimensions		
Length	Width	Depth
33 9/16"	21 15/16"	33"

REV: A.1

UPN PULL BOX, 24"X36"X36"



UPN PULL BOX INSTALLATION

SUMMARY OF QUANTITIES

ITEM	UNIT	QUANTITY
TRAFFIC CONTROL FOR CONSTRUCTION	LS.	1
CONDUIT, 2" B	LF.	1,345
TRACER WIRE	LF.	1,345
BUILDING ENTRANCE	EA.	1
UPN PULL BOX	EA.	2
FIBER, 96 SM, UNDERGROUND	LF.	1,345
FIBER, 96 SM, UNDERGROUND SLACK STORAGE	LF.	340

ALL FIBER (UNDERGROUND/AERIAL) AND CONDUIT (BORE/TRENCH/PLOW) QUANTITIES ARE MEASURED AS LINEAL FEET BETWEEN CENTERS OF PULL BOXES, CABINETS, AND POLES. QUANTITIES DO NOT ACCOUNT FOR ELEVATION CHANGE OR SLACK.

PROJECT NOTES

1. PARCEL DATA, UTILITY INFORMATION, AND AERIAL IS APPROXIMATE AND SHOULD BE TREATED AS SUCH. CONTRACTOR TO LOCATE AND INSTALL IN RIGHT-OF-WAY.
2. THE LOCATIONS OF ALL AERIAL AND UNDERGROUND UTILITY FACILITIES MAY NOT BE INDICATED ON THESE PLANS. UNDERGROUND UTILITIES, WHETHER SHOWN OR NOT, WILL BE LOCATED AND FLAGGED BY THE UTILITIES UPON THE REQUEST OF THE CONTRACTOR. NO EXCAVATION WILL BE PERMITTED IN THE AREA OF THE UNDERGROUND UTILITIES UNTIL ALL SUCH FACILITIES HAVE BEEN LOCATED AND IDENTIFIED TO THE SATISFACTION OF ALL PARTIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL UNDERGROUND AND AERIAL UTILITIES AND CONSTRUCTIONS.
3. UNLESS AGREED TO IN WRITING IN ADVANCE BY THE CITY, THE DEPTH OF INSTALLED FACILITIES SHALL BE, AT A MINIMUM, AS FOLLOWS:
 - A. FORTY-TWO (42) INCHES IN SOIL,
 - B. FORTY-TWO (42) INCHES BELOW A PROJECTED SLOPE FROM THE FLOW LINE OF A DITCH AT A THREE (3) HORIZONTAL AND ONE (1) VERTICAL SLOPE,
 - C. FORTY-EIGHT (48) INCHES UNDER A ROADWAY MEASURED FROM THE SURFACE OF SAID ROADWAY TO THE TOP OF THE INSTALLATION,
 - D. FORTY-EIGHT (48) INCHES UNDER A STORM WATER OR CREEK CHANNEL DESIGN FLOW LINE, AND
 - E. MAINTAIN A MINIMUM OF 24" OF VERTICAL & HORIZONTAL SPACING FROM EXISTING UTILITIES.
4. ALL POTHOLES IN SIDEWALK PANELS WILL REQUIRE FULL PANEL REPLACEMENT.
5. ANY CUT OR POTHOLE IN A CONCRETE STREETS PANEL WILL REQUIRE FULL PANEL REPLACEMENT.
6. ANY CUT OR POTHOLE IN A ASPHALT STREET LANE WILL REQUIRE SEAM TO SEAM ASPHALT MILLING AND REPLACEMENT.

CITY OF BENNET GENERAL RULES & REGULATIONS

PROJECT NO.	SHEET NO.
017-0140	G.1

Date: 03\08\2024	Drawn: DDL Checked: TMR Approved: JPD
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PROJECT: 47269 FNB BENNET
50 MONROE STREET

olsson
OLSSON - CIVIL ENGINEERING
NEBRASKA CERTIFICATE OF AUTHORITY #CA-0638

Unite
PRIVATE NETWORKS

netcall.com 800-331-5666
Nebraska 811
Know what's below.
Call before you dig.

PRIOR TO CONSTRUCTION:

CALL 811 FOR LOCATION OF UNDERGROUND TELEPHONE, ELECTRIC, GAS MAINS, CABLE TELEVISION AND OTHER UTILITIES.

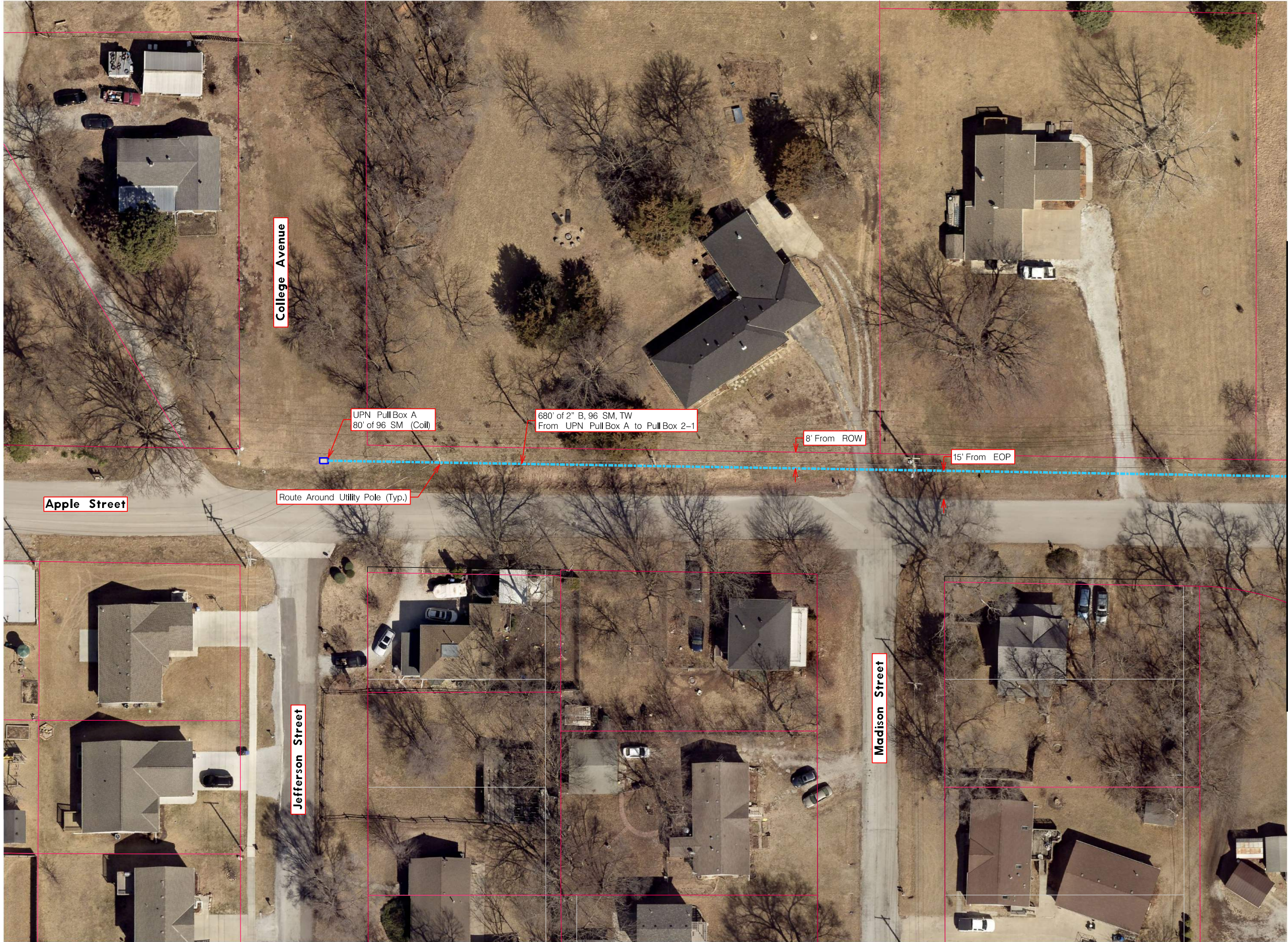
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GENERAL NOTES

USER: tfield
DATE: 03/08/2024
DGN: F:\2017\0001-0500\017-0140-47269 FNB Bennet\40-Design\Microsoft\Telecom_LINK_017-0140_47269 FNB Bennet\Sheets\F.1.dgn



MATCH LINE SHEET F.2

PROJECT NO. 017-0140	SHEET NO. F.1
Date: 03/08/2024 Horz. Scale 1 : 50	Drawn: DDL Checked: TMR Approved: JPD
PROJECT: 47269 FNB BENNET 50 MONROE STREET	
olsson OLSSON - CIVIL ENGINEERING NEBRASKA CERTIFICATE OF AUTHORITY #CA-0638	
Unite PRIVATE NETWORKS	
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FIBER DESIGN	

MATCH LINE SHEET F.1



USER: tield
DATE: 03/08/2024
DGN: F:\2017\001-0500\017-0140-47269 FNB Bennet\Sheets\F.2.dgn

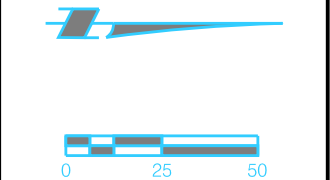
PROJECT NO.	SHEET NO.
017-0140	F.2
Date: 03/08/2024	Drawn: DDL
Horz. Scale 1 : 50	Checked: TMR
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PROJECT: 47269 FNB BENNET
50 MONROE STREET



OLSSON - CIVIL ENGINEERING
NEBRASKA CERTIFICATE OF AUTHORITY #CA-0638







800-331-5666



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PRELIMINARY PLAN

90 PERCENT SUBMITTAL

03/08/2024

NOT FINAL - SUBJECT TO CHANGE

FIBER DESIGN