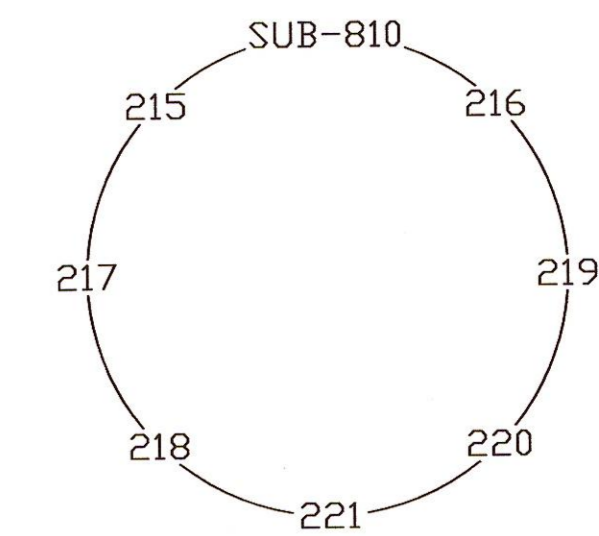


**FIBER TOPOLOGY RING**



**LEGEND**

- × FUSION SPLICE
- FIBERS 1-12
- FIBERS 13-24

**FIBER COLOR LEGEND**

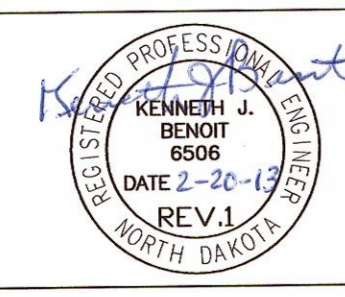
- | FIBER # | COLOR                      |
|---------|----------------------------|
| 1       | BLUE                       |
| 2       | ORANGE                     |
| 3       | GREEN                      |
| 4       | BROWN                      |
| 5       | SLATE                      |
| 6       | WHITE (SHOWN AS DARK GRAY) |
| 7       | RED                        |
| 8       | BLACK                      |
| 9       | YELLOW                     |
| 10      | PURPLE                     |
| 11      | ROSE                       |
| 12      | AQUA                       |

FIBERS 13-24 FOLLOW THE SAME COLORS AS 1-12

**NOTE:**

- ALL FIBER AND SPLICING MUST ADHERE TO SIEMENS TEST SPECIFICATION FOR FIBER OPTIC INFRASTRUCTURE.

NO.	BY	CHK.	APP.	DATE	REVISION DESCRIPTION
A	BNK	RJG	CSF	7/8/11	90% DELIVERABLE
B	EHK	RJG	CSF	7/19/11	REVISED
C	BNK	RJG	CSF	7/21/11	REVISED PER CLIENTS COMMENTS
O	BNK	RJG	CSF	8/4/11	ISSUED FOR CONSTRUCTION
1	NJG	YJP	APP	11/1/12	CONSTRUCTION REVISIONS, NO CHANGES



CLIENT	7/8/11/19/11/21/18/4/11
BID	
CONSTRUCTION PERMITTING	
RELEASED TO/FOR	A B C O 1 2 3
DATE RELEASED	

**BARR**  
 Project Office:  
 BARR ENGINEERING CO.  
 4700 WEST 77TH STREET  
 MINNEAPOLIS, MN.  
 55435-4803  
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 www.barr.com

Scale	N.T.S
Date	05/27/11
Drawn	RJG
Checked	CEG
Designed	RJG
Approved	JLM



BISON 2 WIND PROJECT  
 MORTON & OLIVER COUNTIES, NORTH DAKOTA  
 FIBER OPTIC  
 SCHEMATIC DETAIL FEEDER 810

BARR PROJECT No.	34/33-1007
CLIENT PROJECT No.	
DWG. No.	E-FL-13
REV. No.	1

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