

**APPLICANT:**  
**NORTH AMERICA TRANSMISSION, LLC**  
**NORTH AMERICA TRANSMISSION CORPORATION**

**EXHIBIT 5**  
**DESIGN DRAWINGS FOR EDIC TO FRASER COMPONENT**  
**(§86.6(a) and (b))**

## **EXHIBIT 5**

### **DESIGN DRAWINGS FOR EDIC TO FRASER COMPONENT (§86.6(a) and (b))**

In accordance with 16 NYCRR § 86.6(a) and (b), as modified by the Commission's Orders of April 22, 2013 and December 16, 2014, this Exhibit 5 includes design, profile and architectural drawings and descriptions of the proposed Edic-Fraser facilities, including the following:

- (a) The length, width and height of any structure.

Structure dimensions are shown in the preliminary design drawings on the following pages in Figures 5-1, 5-2, and 5-3. Updated design drawings will be provided with the Part B submittal. As stated, in Section 5.3 of Exhibit E-4 of this Initial (Part A) Application, NAT is willing to design and construct the line, if directed by the Commission, for future double circuit capability. This configuration is shown in Figure 5-3.

- (b) The material of construction, color and finish for such structures.

The poles will be constructed of steel or concrete, or possibly a combination of the two. Steel poles will be finished in galvanized or weathering steel. Pole color and finish will correspond to material of construction (concrete, steel, etc.), and painted poles are not proposed. The Part B submittal will provide detailed information regarding the construction materials for the poles based on additional engineering work to be conducted and public input received.

**FIGURE 5-1. PRELIMINARY DESIGN DRAWING (DELTA, TANGENT, V-STRING)**

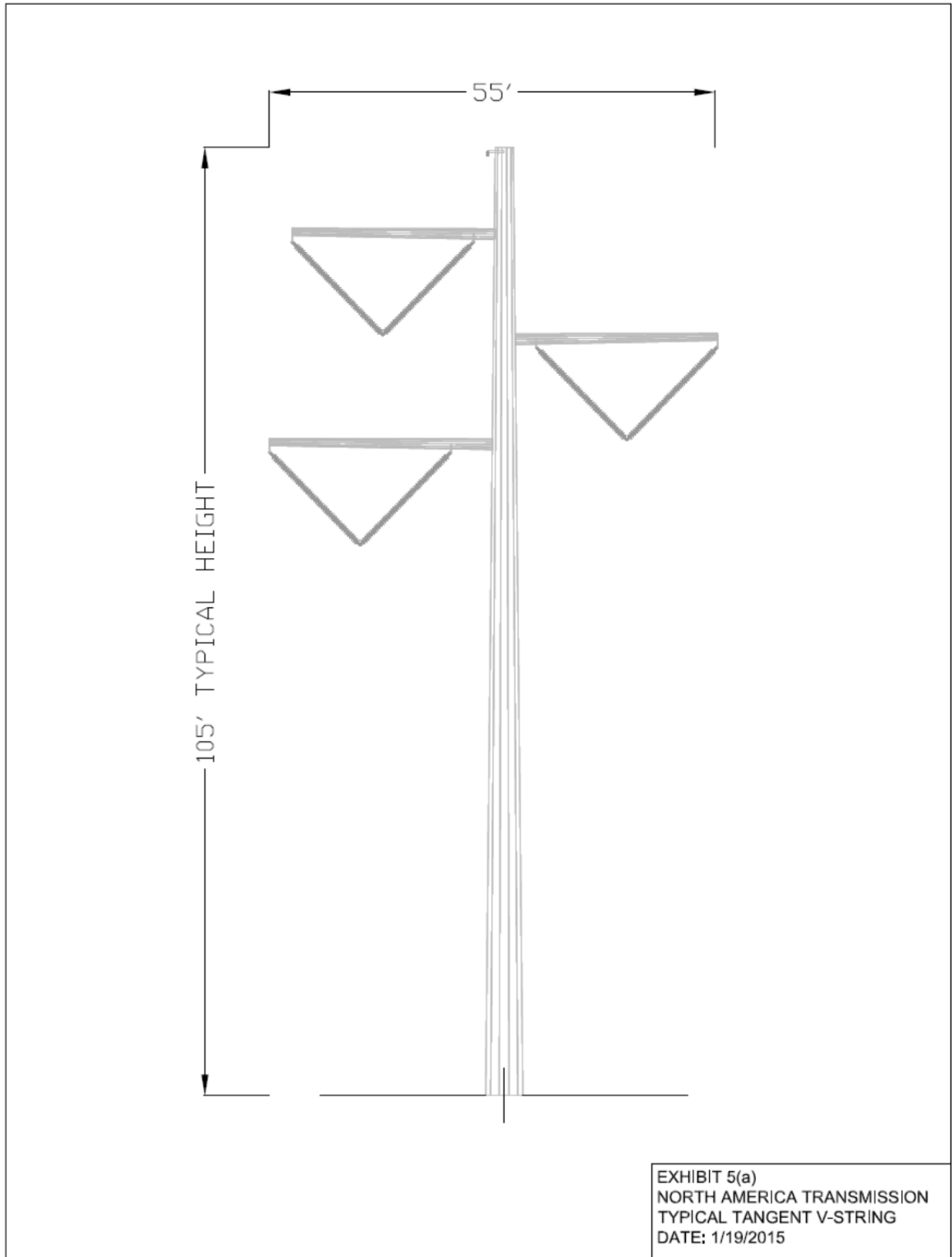
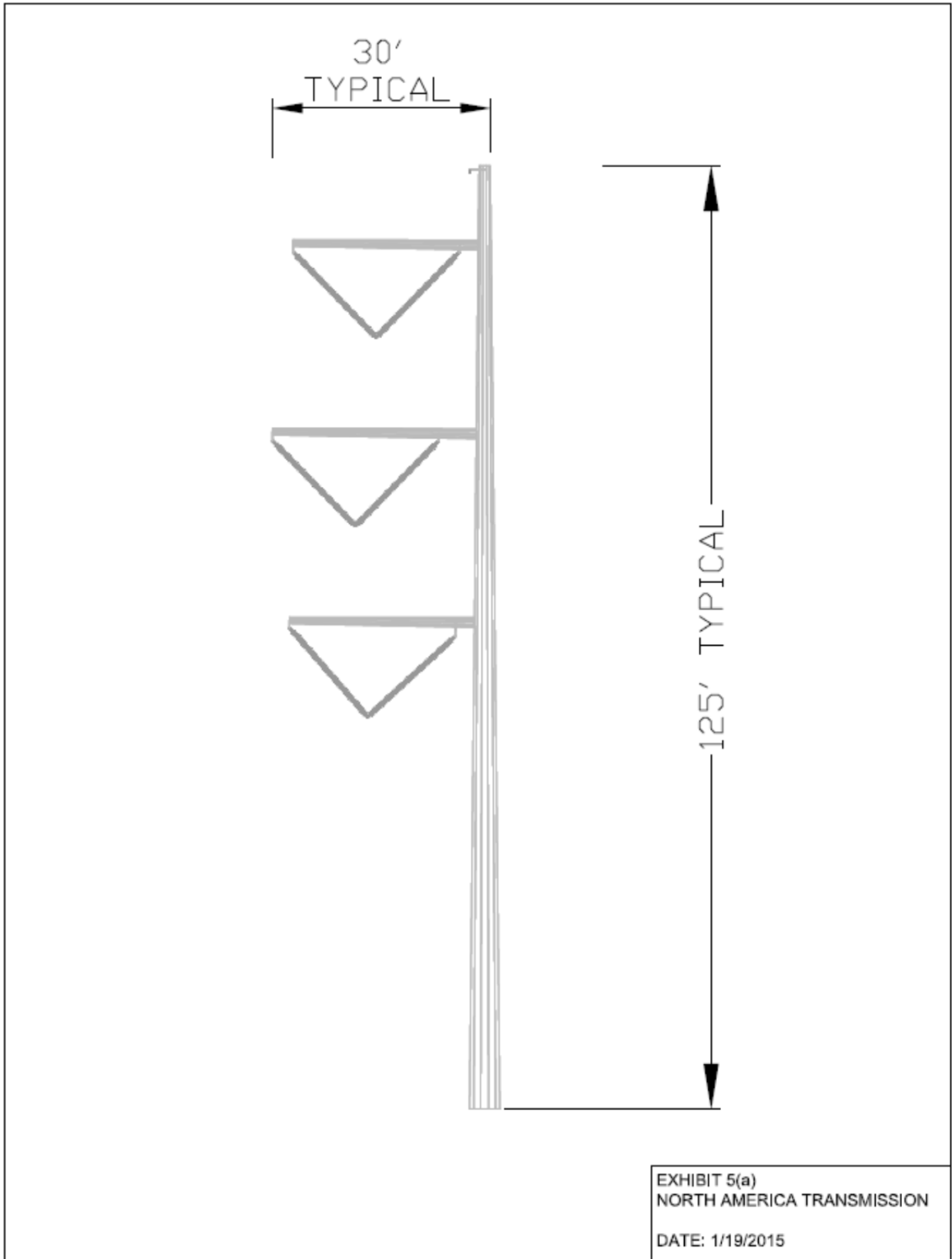


EXHIBIT 5(a)  
NORTH AMERICA TRANSMISSION  
TYPICAL TANGENT V-STRING  
DATE: 1/19/2015

FIGURE 5-2. PRELIMINARY DESIGN DRAWING (VERTICAL, TANGENT, V-STRING)



**FIGURE 5-3. PRELIMINARY DESIGN DRAWING (DOUBLE CIRCUIT TANGENT, V-STRING)**

