

NE ALUMINUM RAIL DIMENSIONS

POST NO.	RAIL HEIGHT DIMENSIONS			OFFSET BLOCK DIMENSIONS			
	A	B	C	D	E	F	G
1	3'-4"	2'-5 <sup>1</sup> / <sub>16</sub> "	1'-4 <sup>1</sup> / <sub>2</sub> "	11 <sup>7</sup> / <sub>16</sub> "	1'-0 <sup>9</sup> / <sub>16</sub> "	2'-4 <sup>9</sup> / <sub>16</sub> "	
2	3'-0 <sup>5</sup> / <sub>16</sub> "	2'-3 <sup>5</sup> / <sub>8</sub> "	1'-3 <sup>3</sup> / <sub>4</sub> "	9 <sup>3</sup> / <sub>4</sub> "	11 <sup>7</sup> / <sub>8</sub> "	2'-2 <sup>3</sup> / <sub>16</sub> "	
3	2'-9 <sup>3</sup> / <sub>4</sub> "	2'-2 <sup>1</sup> / <sub>8</sub> "	1'-2 <sup>7</sup> / <sub>8</sub> "	8 <sup>1</sup> / <sub>8</sub> "	11 <sup>3</sup> / <sub>16</sub> "	1'-11 <sup>7</sup> / <sub>8</sub> "	
4	2'-9 <sup>7</sup> / <sub>16</sub> "	2'-3 <sup>7</sup> / <sub>16</sub> "	1'-4 <sup>15</sup> / <sub>16</sub> "	6 <sup>7</sup> / <sub>16</sub> "	10 <sup>9</sup> / <sub>16</sub> "	1'-9 <sup>9</sup> / <sub>16</sub> "	
5		2'-5 <sup>3</sup> / <sub>16</sub> "	1'-7 <sup>15</sup> / <sub>16</sub> "		9 <sup>5</sup> / <sub>8</sub> "		1'-2 <sup>5</sup> / <sub>8</sub> "
6		2'-4 <sup>9</sup> / <sub>16</sub> "	1'-7 <sup>15</sup> / <sub>16</sub> "		8 <sup>3</sup> / <sub>4</sub> "		1'-1 <sup>3</sup> / <sub>4</sub> "
7		2'-3 <sup>1</sup> / <sub>16</sub> "	1'-7 <sup>15</sup> / <sub>16</sub> "		7 <sup>7</sup> / <sub>8</sub> "		1'-0 <sup>7</sup> / <sub>8</sub> "

ALL REMAINING POSTS TO HAVE THE SAME DIMENSIONS AS POST NO. 7

SE ALUMINUM RAIL DIMENSIONS

POST NO.	RAIL HEIGHT DIMENSIONS			OFFSET BLOCK DIMENSIONS			
	A	B	C	D	E	F	G
1	3'-4 <sup>13</sup> / <sub>16</sub> "	2'-5 <sup>13</sup> / <sub>16</sub> "	1'-5 <sup>1</sup> / <sub>4</sub> "	11 <sup>7</sup> / <sub>16</sub> "	1'-0 <sup>9</sup> / <sub>16</sub> "	2'-4 <sup>9</sup> / <sub>16</sub> "	
2	3'-3 <sup>1</sup> / <sub>8</sub> "	2'-5 <sup>13</sup> / <sub>16</sub> "	1'-5 <sup>15</sup> / <sub>16</sub> "	9 <sup>3</sup> / <sub>4</sub> "	11 <sup>7</sup> / <sub>8</sub> "	2'-2 <sup>3</sup> / <sub>16</sub> "	
3	3'-1 <sup>1</sup> / <sub>2</sub> "	2'-5 <sup>13</sup> / <sub>16</sub> "	1'-6 <sup>5</sup> / <sub>8</sub> "	8 <sup>1</sup> / <sub>8</sub> "	11 <sup>3</sup> / <sub>16</sub> "	1'-11 <sup>7</sup> / <sub>8</sub> "	
4	2'-11 <sup>11</sup> / <sub>16</sub> "	2'-5 <sup>11</sup> / <sub>16</sub> "	1'-7 <sup>1</sup> / <sub>8</sub> "	6 <sup>7</sup> / <sub>16</sub> "	10 <sup>9</sup> / <sub>16</sub> "	1'-9 <sup>9</sup> / <sub>16</sub> "	
5		2'-4 <sup>13</sup> / <sub>16</sub> "	1'-7 <sup>3</sup> / <sub>16</sub> "		9 <sup>5</sup> / <sub>8</sub> "		1'-2 <sup>5</sup> / <sub>8</sub> "
6		2'-4 <sup>1</sup> / <sub>16</sub> "	1'-7 <sup>5</sup> / <sub>16</sub> "		8 <sup>3</sup> / <sub>4</sub> "		1'-1 <sup>3</sup> / <sub>4</sub> "
7		2'-3 <sup>5</sup> / <sub>16</sub> "	1'-7 <sup>3</sup> / <sub>16</sub> "		7 <sup>7</sup> / <sub>8</sub> "		1'-0 <sup>7</sup> / <sub>8</sub> "

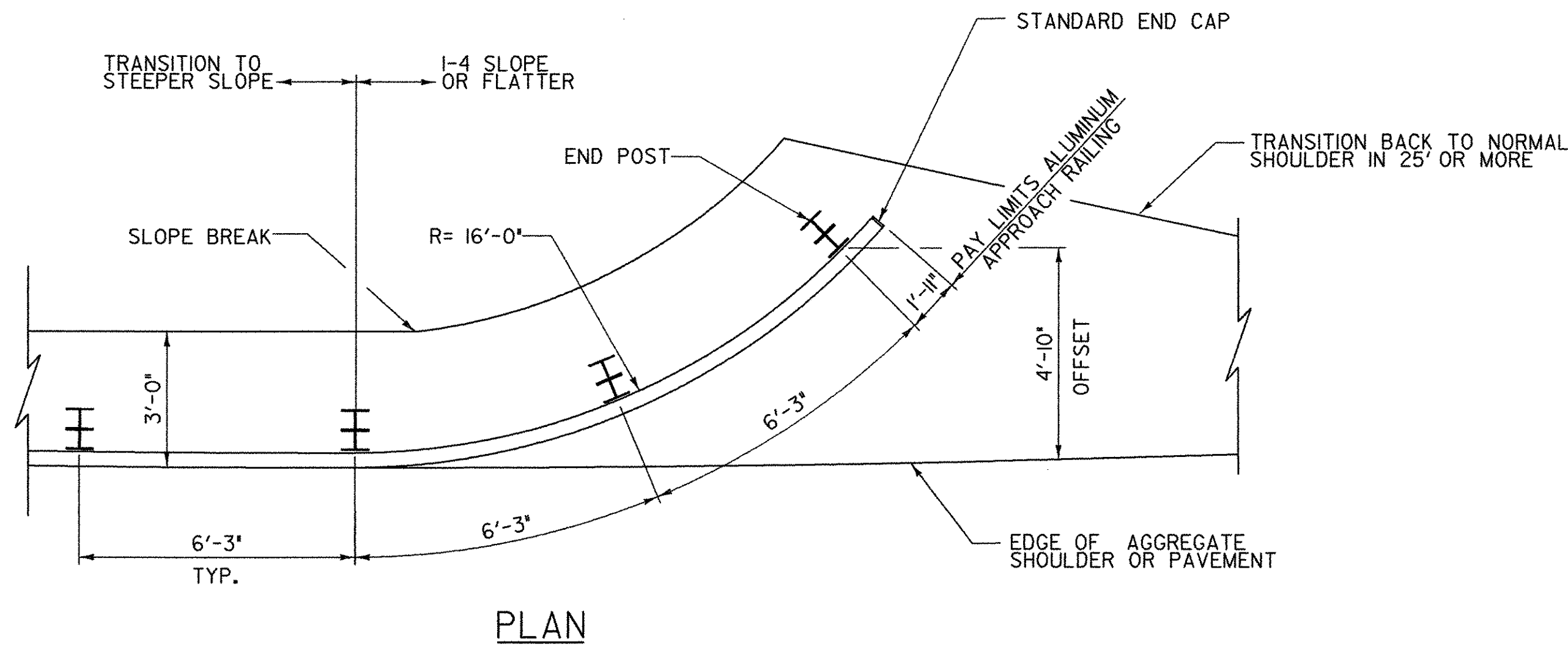
ALL REMAINING POSTS TO HAVE THE SAME DIMENSIONS AS POST NO. 7

SW ALUMINUM RAIL DIMENSIONS

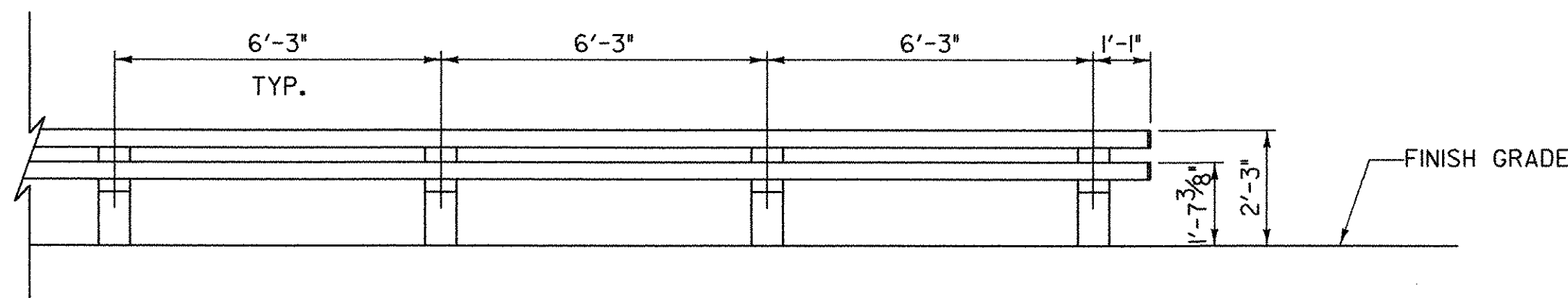
POST NO.	RAIL HEIGHT DIMENSIONS			OFFSET BLOCK DIMENSIONS			
	A	B	C	D	E	F	G
1	4'-0 <sup>3</sup> / <sub>4</sub> "	3'-1 <sup>1</sup> / <sub>16</sub> "	1'-8 <sup>5</sup> / <sub>8</sub> "	11 <sup>7</sup> / <sub>16</sub> "	1'-5 <sup>1</sup> / <sub>8</sub> "	2'-9 <sup>1</sup> / <sub>8</sub> "	
2	3'-9 <sup>5</sup> / <sub>16</sub> "	3'-0"	1'-8 <sup>1</sup> / <sub>8</sub> "	9 <sup>3</sup> / <sub>4</sub> "	1'-3 <sup>7</sup> / <sub>8</sub> "	2'-6 <sup>3</sup> / <sub>16</sub> "	
3	3'-5 <sup>7</sup> / <sub>8</sub> "	2'-10 <sup>3</sup> / <sub>16</sub> "	1'-7 <sup>5</sup> / <sub>8</sub> "	8 <sup>1</sup> / <sub>8</sub> "	1'-2 <sup>9</sup> / <sub>16</sub> "	2'-3 <sup>1</sup> / <sub>4</sub> "	
4	3'-2 <sup>5</sup> / <sub>8</sub> "	2'-8 <sup>5</sup> / <sub>8</sub> "	1'-7 <sup>3</sup> / <sub>8</sub> "	6 <sup>7</sup> / <sub>16</sub> "	1'-1 <sup>1</sup> / <sub>4</sub> "	2'-0 <sup>1</sup> / <sub>4</sub> "	
5		2'-6 <sup>7</sup> / <sub>8</sub> "	1'-7 <sup>5</sup> / <sub>16</sub> "		11 <sup>1</sup> / <sub>2</sub> "		1'-4 <sup>1</sup> / <sub>2</sub> "
6		2'-5 <sup>1</sup> / <sub>8</sub> "	1'-7 <sup>5</sup> / <sub>16</sub> "		9 <sup>13</sup> / <sub>16</sub> "		1'-2 <sup>13</sup> / <sub>16</sub> "
7		2'-3 <sup>3</sup> / <sub>8</sub> "	1'-7 <sup>5</sup> / <sub>16</sub> "		8 <sup>1</sup> / <sub>16</sub> "		1'-1 <sup>1</sup> / <sub>16</sub> "

ALL REMAINING POSTS TO HAVE THE SAME DIMENSIONS AS POST NO. 7

	NE SIDE	SE SIDE	NW SIDE	SW SIDE
*X*	1 <sup>3</sup> / <sub>16</sub> "	1 <sup>5</sup> / <sub>16</sub> "	1 <sup>5</sup> / <sub>16</sub> "	1 <sup>1</sup> / <sub>4</sub> "
*Y*	5 <sup>1</sup> / <sub>8</sub> "	3 <sup>3</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>4</sub> "	5 <sup>1</sup> / <sub>8</sub> "
*Z*	1 <sup>1</sup> / <sub>16</sub> "	3 <sup>1</sup> / <sub>16</sub> "	3 <sup>3</sup> / <sub>8</sub> "	1 <sup>1</sup> / <sub>4</sub> "



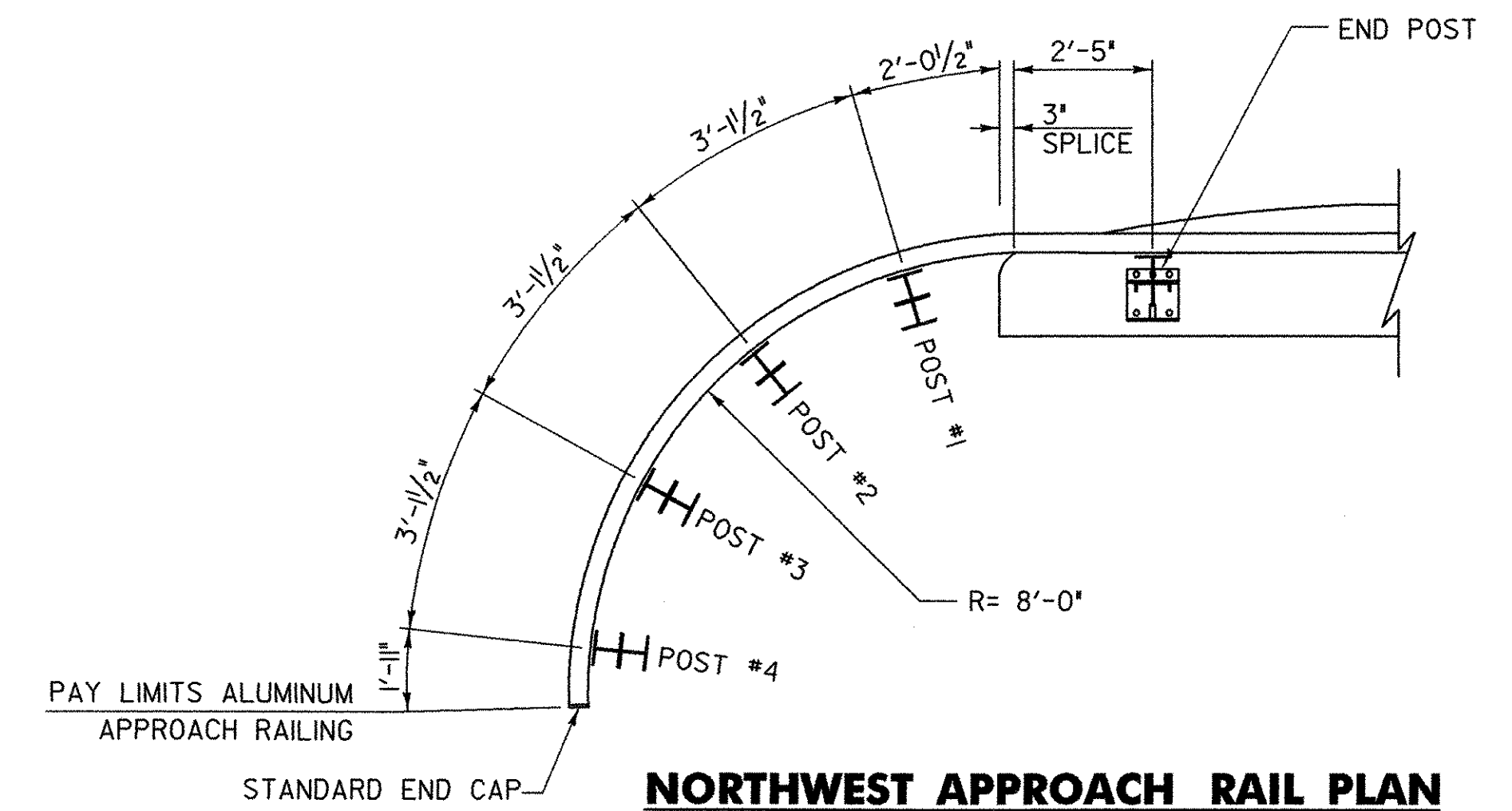
PLAN



ELEVATION

ALUMINUM APPROACH RAILING END DETAIL

SCALE 3/8" = 1'-0"  
1 0 1 2 3 4



NORTHWEST APPROACH RAIL PLAN

SCALE 3/8" = 1'-0"  
1 0 1 2 3 4

NW ALUMINUM RAIL DIMENSIONS

POST NO.	RAIL HEIGHT DIMENSIONS			OFFSET BLOCK DIMENSIONS			
	A	B	C	D	E	F	G
1	4'-1 <sup>3</sup> / <sub>16</sub> "	3'-2 <sup>3</sup> / <sub>16</sub> "	1'-9"	11 <sup>7</sup> / <sub>16</sub> "	1'-5 <sup>1</sup> / <sub>8</sub> "	2'-9 <sup>1</sup> / <sub>8</sub> "	
2	3'-9 <sup>13</sup> / <sub>16</sub> "	3'-0 <sup>5</sup> / <sub>8</sub> "	1'-8 <sup>3</sup> / <sub>4</sub> "	9 <sup>3</sup> / <sub>4</sub> "	1'-3 <sup>7</sup> / <sub>8</sub> "	2'-6 <sup>3</sup> / <sub>16</sub> "	
3	3'-7 <sup>3</sup> / <sub>16</sub> "	2'-11 <sup>1</sup> / <sub>2</sub> "	1'-8 <sup>15</sup> / <sub>16</sub> "	8 <sup>1</sup> / <sub>8</sub> "	1'-2 <sup>9</sup> / <sub>16</sub> "	2'-3 <sup>1</sup> / <sub>4</sub> "	
4	3'-4 <sup>7</sup> / <sub>8</sub> "	2'-10 <sup>7</sup> / <sub>8</sub> "	1'-9 <sup>5</sup> / <sub>8</sub> "	6 <sup>7</sup> / <sub>16</sub> "	1'-1 <sup>1</sup> / <sub>4</sub> "	2'-0 <sup>1</sup> / <sub>4</sub> "	

STATE OF VERMONT  
AGENCY OF TRANSPORTATION

Town Of HUNTINGTON Bridge No. 42  
Highway No. T.H. 4 Log Sta.  
Surv. Sta.

EAST STREET (T.H. #4) OVER HUNTINGTON RIVER

ALUMINUM APPROACH RAILING DETAILS

Designed By VTrans/D-H Drawn By J. SOTER  
Checked By Date Bridge Design Supervisor  
M. CHENETTE 08/05 M. CHENETTE Date 09/05

PROJECT HUNTINGTON PROJECT NO. BRO 1445 (29)

DH Dgn: ...Cadd\Trans\z01302alrail.dgn Plot Date: 1/12/2006

Bridge Sheet No. Sheet 53 of 63