



**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**

**SIGN NUMBER: 101**      **BACKG COLOR: Green / Green / Green / Brown / White**  
**TYPE: A**      **COPY COLOR: White**  
**QUANTITY: 1**

SYMBOL	X	Y	WID	HT
AR_type D	4.9	60.2	5	7.5
AR_type D	4.9	42.4	5	7.5
AR_type D	4.9	24.6	5	7.5
AR_type D	4.9	6.8	5	7.5

**SIGN WIDTH: 6'-6"**  
**HEIGHT: 6'-0"**  
**TOTAL AREA: 39.0 Sq.Ft.**

**BORDER TYPE: FLUSH**  
**RECESS: 0"**  
**WIDTH: 0.5"**  
**RADII: 9"**

**NO. Z BARS: 2**      **MAT'L: 0.125" (3.2 mm) ALUMINUM**  
**LENGTH: 70.0**

**DESIGN BY: S COLEMAN**      **CHECKED BY:**      **Sep 10, 2019**  
**PROJECT ID: R-3830 LOCATION: NC 42/SR 1579 IN SANFORD/BROADWAY**      **DIV: 8**

**USE NOTES: 1,2**  
 1. Legend and border (except those that are colored black) shall be direct applied Grade C sheeting.  
 2. Background shall be Grade C reflective sheeting.  
 3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum with Grade C reflective sheeting and demountable.  
 4. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be on 0.032" aluminum, black non-reflective sheeting and demountable. Yellow panel is:

**LETTER POSITIONS**

Letter spacings are to start of next letter													Series/Size						
													Text Length						
21.7	3.3	3.6	3.1	1.5	3.7	3.3	4	2.5	4	3.6	3.3	4	3.4	2.7	10.2	D 2000			
													46.1						
34	4	3.4	4	3.7	3	3.4	22.5								D 2000				
													21.6						
18.6	3.6	3.2	3.3	3.1	3	4	2.5	4	3.2	4	3.3	3.7	3.1	1.6	3.3	3.4	7.1	D 2000	
													52.4						
16.4	3.5	3.7	4.1	4.1	3.7	3.7	1.2	2.7	3.4	4	3.5	3.7	3.1	3.1	3.1	3.6	2.5	4.9	D 2000
													56.7						
28.2	3.1	3.2	2.5	4	3.5	3.7	3.7	3.3	2.7	3.4	16.7						D 2000		
													33.1						
26.8	3.7	1.5	3.6	2.7	4	3.3	3.6	3.6	3.6	3.7	2.5	15.3					D 2000		
													35.9						
20.7	3.6	3.2	3.7	3.7	1.3	2.7	4	3.4	4	4.2	1.5	3.6	3.5	3.2	2.7	9.2			D 2000
													48.2						
26.9	3.6	1.2	3.6	1.5	2.7	4	3.6	3.2	3.3	3.1	3.2	2.7	15.4					D 2000	
													35.8						

FILENAME: R-3830\_Sign Designs      NORTH CAROLINA D.O.T. SIGN DETAIL

**SIGN NUMBER: 102**      **BACKG COLOR: Green / Green / Green / Brown / White**  
**TYPE: A**      **COPY COLOR: White**  
**QUANTITY: 1**

SYMBOL	X	Y	WID	HT
AR_type D	65.6	60.2	5	7.5
AR_type D	65.6	42.4	5	7.5
AR_type D	65.6	24.6	5	7.5
AR_type D	65.6	6.8	5	7.5

**SIGN WIDTH: 6'-6"**  
**HEIGHT: 6'-0"**  
**TOTAL AREA: 39.0 Sq.Ft.**

**BORDER TYPE: FLUSH**  
**RECESS: 0"**  
**WIDTH: 0.5"**  
**RADII: 9"**

**NO. Z BARS: 2**      **MAT'L: 0.125" (3.2 mm) ALUMINUM**  
**LENGTH: 70.0**

**DESIGN BY: S COLEMAN**      **CHECKED BY:**      **Sep 10, 2019**  
**PROJECT ID: R-3830 LOCATION: NC 42/SR 1579 IN SANFORD/BROADWAY**      **DIV: 8**

**USE NOTES: 1,2**  
 1. Legend and border (except those that are colored black) shall be direct applied Grade C sheeting.  
 2. Background shall be Grade C reflective sheeting.

**LETTER POSITIONS**

Letter spacings are to start of next letter													Series/Size						
													Text Length						
10.2	3.3	3.6	3.1	1.5	3.7	3.3	4	2.5	4	3.6	3.3	4	3.4	2.7	10.2	D 2000			
													46.1						
22.5	4	3.4	4	3.7	3	3.4	33.9								D 2000				
													21.6						
7.1	3.6	3.2	3.3	3.1	3	4	2.5	4	3.2	4	3.3	3.7	3.1	1.6	3.3	3.4	7.1	D 2000	
													52.4						
4.9	3.5	3.7	4.1	4.1	3.7	3.7	1.2	2.7	3.4	4	3.5	3.7	3.1	3.1	3.1	3.6	2.5	16.4	D 2000
													56.7						
16.7	3.1	3.2	2.5	4	3.5	3.7	3.7	3.3	2.7	3.4	28.2						D 2000		
													33.1						
15.3	3.7	1.5	3.6	2.7	4	3.3	3.6	3.6	3.6	3.7	2.5	15.3					D 2000		
													35.9						
9.2	3.6	3.2	3.7	3.7	1.3	2.7	4	3.4	4	4.2	1.5	3.6	3.5	3.2	2.7	20.7			D 2000
													48.2						
15.4	3.6	1.2	3.6	1.5	2.7	4	3.6	3.2	3.3	3.1	3.2	2.7	15.4					D 2000	
													35.8						

FILENAME: R-3830\_Sign Designs      NORTH CAROLINA D.O.T. SIGN DETAIL

**SIGN NUMBER: 301**      **BACKG COLOR: Green / Green / Green / Brown / White**  
**TYPE: D**      **COPY COLOR: White**  
**QUANTITY: 1**

SYMBOL	X	Y	WID	HT

**SIGN WIDTH: 7'-6"**  
**HEIGHT: 2'-6"**  
**TOTAL AREA: 18.8 Sq.Ft.**

**BORDER TYPE: FLUSH**  
**RECESS: 0"**  
**WIDTH: 0.75"**  
**RADII: 3"**

**NO. Z BARS: 1**      **MAT'L: 0.125" (3.2 mm) ALUMINUM**  
**LENGTH: 70.0**

**DESIGN BY: S COLEMAN**      **CHECKED BY:**      **Feb 25, 2019**  
**PROJECT ID: R-3830 LOCATION: NC 42/SR 1579 IN SANFORD/BROADWAY**      **DIV: 8**

**USE NOTES: 1,2**  
 1. Legend and border (except those that are colored black) shall be direct applied Grade C sheeting.  
 2. Background shall be Grade C reflective sheeting.

**LETTER POSITIONS**

Letter spacings are to start of next letter													Series/Size						
													Text Length						
7.2	5	4.6	3	2.2	4.1	3.1	3.5	57.2					D 2000						
													25.6						
75.9	2.3	4.5	7.2								D 2000								
													6.8						
7.2	4.4	4.5	4.7	4.4	4.1	4.5	3	2.1	3	5	4.6	3	2.2	4.4	3.4	25.4			D 2000
													57.4						
73.6	5.1	4.1	7.2								D 2000								
													9.2						

FILENAME: R-3830\_Sign Designs      NORTH CAROLINA D.O.T. SIGN DETAIL

**SIGN NUMB: 302**      **BACKG. COLOR: White**      **DESIGN BY:**      **CHK BY:**      **STD #:**  
**TYPE: F Ground**      **COPY COLOR: Black**      **PROJECT ID:**      **DIV:**      **DATE:**  
**QUANTITY: 1**

**SIGN WIDTH: 1'-9"**  
**HEIGHT: 1'-9"**  
**TOTAL AREA: 3.1 Sq.Ft.**

SYMBOL	X	Y	WID	HT
w arrow	3.7	3.5	12.7	13.9

**MAT'L: 0.063" ALUMINUM**

**BORDER TYPE: RECESSED**  
**RECESS: 0.38"**  
**WIDTH: 0.63"**  
**RADII: 1.5"**

**NO. Z BARS: 1**  
**LENGTH: 70.0**

**NOTES:**  
 1. Legend and border shall be direct applied Non-reflective sheeting.  
 2. Background shall be Grade C reflective sheeting.

**ARROW DETAILS**

ARROW DIMENSIONS (INCHES)	F	G	H	M	N	P	Q	R
	2.625	2.625	8.659	5.25	3	5.25	0.375	0.5

Spacing Factor is 1 unless specified otherwise  
 FILENAME: 0506

8/10/2019 3:56:59 PM NCDOT\_2018\_Traffic-LSA\Proj\VAL-R-3830\Traffic\Signing\CADD\Signing Layout Plans\AR-3830\_Sign\_Sign\_3.dgn