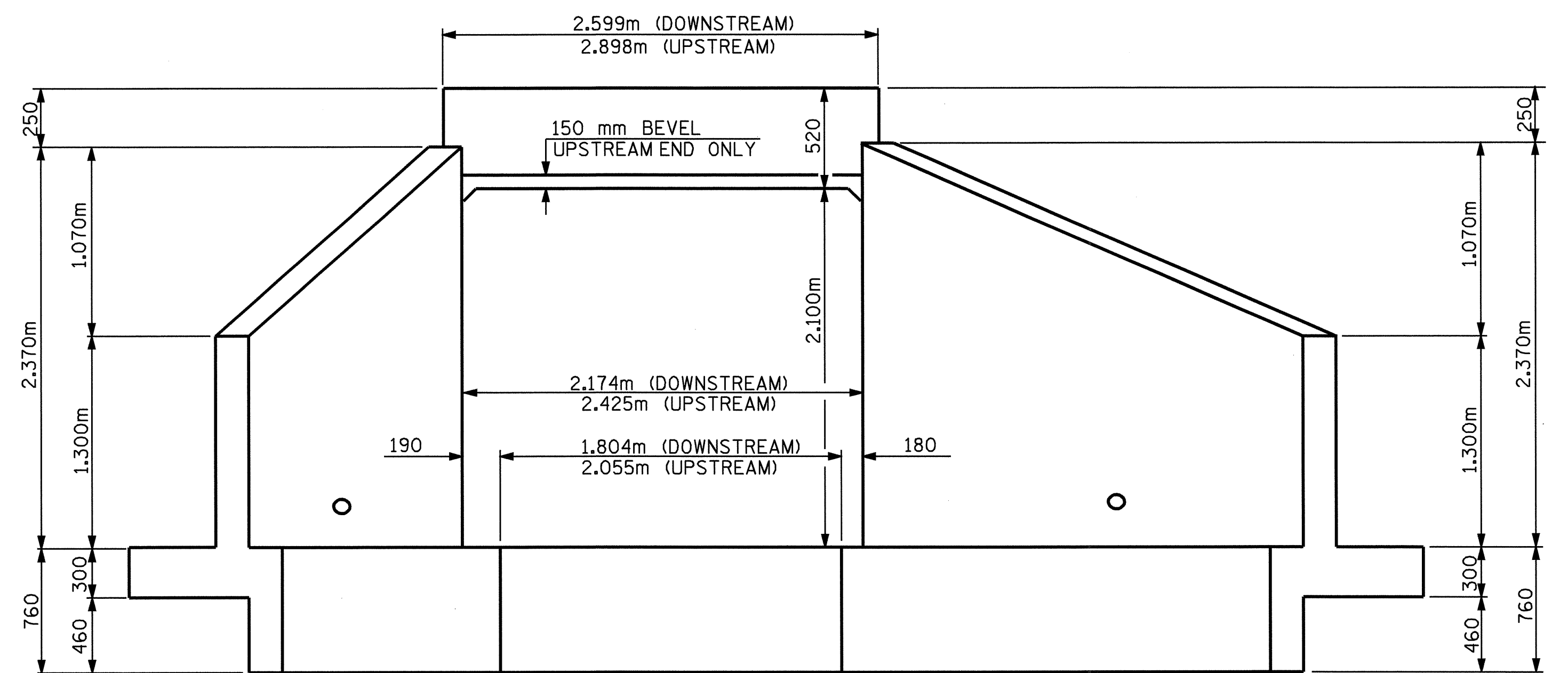
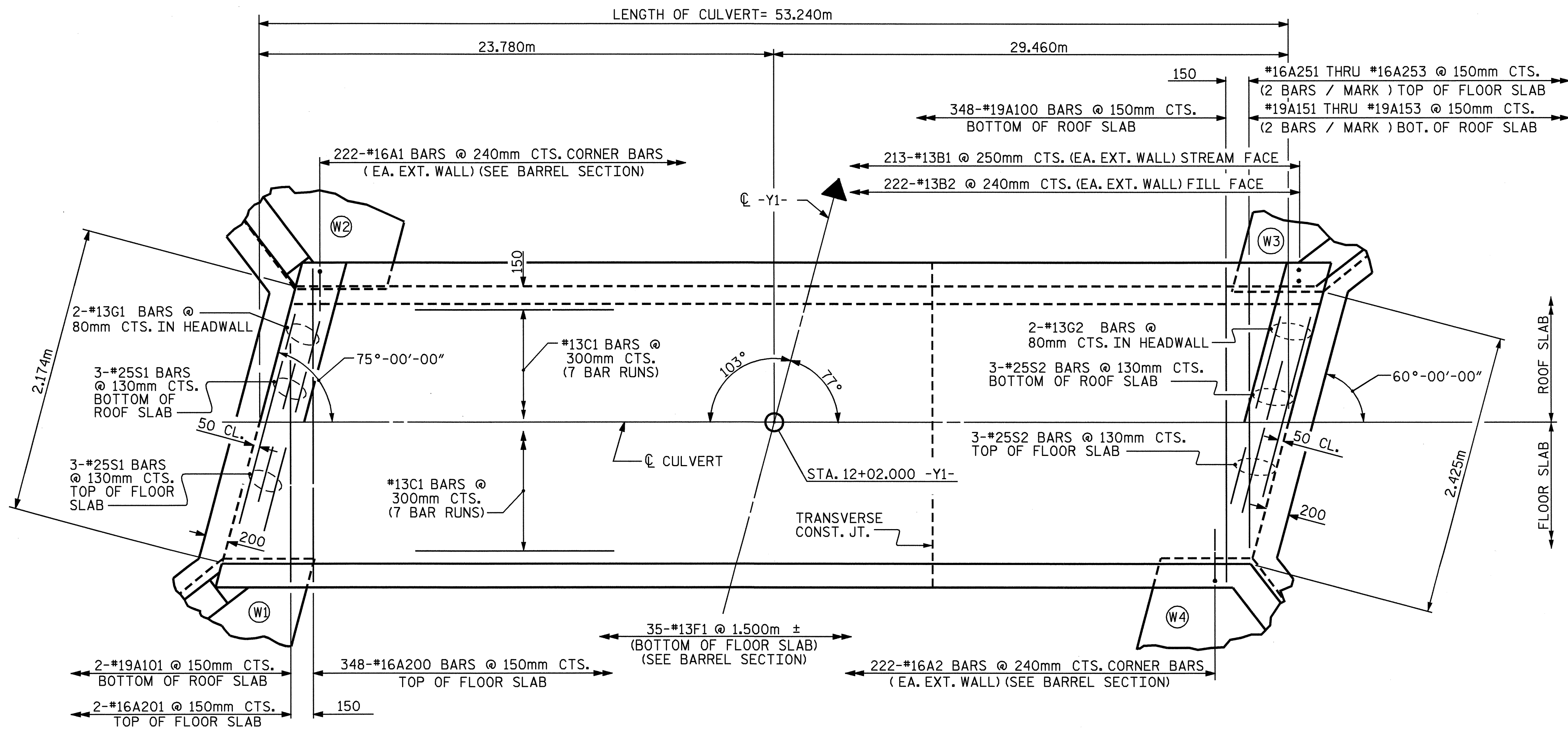


**CULVERT SECTION NORMAL TO ROADWAY**



**END ELEVATION - NORMAL TO SKEW**

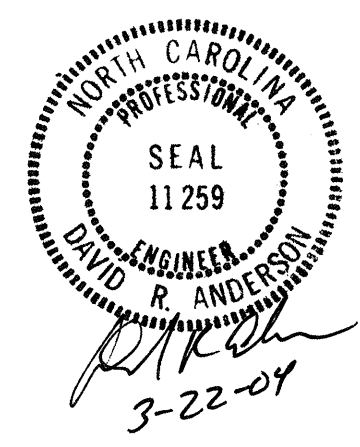


**PLAN**

BAR TYPE		BILL OF MATERIAL														
		BAR NO.	SIZE	TYPE	LENGTH	WEIGHT										
		A100	348	19	STR	2360	1836									
DIMENSIONS ARE OUT TO OUT		A101	2	19	STR	1120	5									
		A151	2	19	STR	1800	8									
<b>SPLICE LENGTH</b>		A152	2	19	STR	1300	6									
		A153	2	19	STR	760	3									
<table border="1"> <thead> <tr> <th>BAR</th> <th>SIZE</th> <th>SPLICE LENGTH</th> </tr> </thead> <tbody> <tr> <td>B1</td> <td>13</td> <td>540</td> </tr> <tr> <td>C1</td> <td>13</td> <td>590</td> </tr> </tbody> </table>		BAR	SIZE	SPLICE LENGTH	B1	13	540	C1	13	590	A200	348	16	STR	2360	1275
		BAR	SIZE	SPLICE LENGTH												
B1	13	540														
C1	13	590														
A201	2	16	STR	1120	3											
A251	2	16	STR	1800	6											
A252	2	16	STR	1300	4											
A253	2	16	STR	760	2											
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		BAR	SIZE	SPLICE LENGTH												
B1	13	540														
C1	13	590														
A2	444	16	1	1340	923											
<table border="1"> <thead> <tr> <th>BAR</th> <th>SIZE</th> <th>SPLICE LENGTH</th> </tr> </thead> <tbody> <tr> <td>B1</td> <td>13</td> <td>540</td> </tr> <tr> <td>C1</td> <td>13</td> <td>590</td> </tr> </tbody> </table>		BAR	SIZE	SPLICE LENGTH	B1	13	540	C1	13	590	B1	426	13	STR	2380	1008
		BAR	SIZE	SPLICE LENGTH												
B1	13	540														
C1	13	590														
B2	444	13	STR	1880	830											
<table border="1"> <thead> <tr> <th>BAR</th> <th>SIZE</th> <th>SPLICE LENGTH</th> </tr> </thead> <tbody> <tr> <td>C1</td> <td>13</td> <td>590</td> </tr> </tbody> </table>		BAR	SIZE	SPLICE LENGTH	C1	13	590	C1	301	13	STR	8160	2441			
		BAR	SIZE	SPLICE LENGTH												
C1	13	590														
<table border="1"> <thead> <tr> <th>BAR</th> <th>SIZE</th> <th>SPLICE LENGTH</th> </tr> </thead> <tbody> <tr> <td>C1</td> <td>13</td> <td>590</td> </tr> </tbody> </table>		BAR	SIZE	SPLICE LENGTH	C1	13	590	F1	35	13	STR	1600	56			
		BAR	SIZE	SPLICE LENGTH												
C1	13	590														
<table border="1"> <thead> <tr> <th>BAR</th> <th>SIZE</th> <th>SPLICE LENGTH</th> </tr> </thead> <tbody> <tr> <td>C1</td> <td>13</td> <td>590</td> </tr> </tbody> </table>		BAR	SIZE	SPLICE LENGTH	C1	13	590	G1	2	13	STR	2480	5			
		BAR	SIZE	SPLICE LENGTH												
C1	13	590														
<table border="1"> <thead> <tr> <th>BAR</th> <th>SIZE</th> <th>SPLICE LENGTH</th> </tr> </thead> <tbody> <tr> <td>C1</td> <td>13</td> <td>590</td> </tr> </tbody> </table>		BAR	SIZE	SPLICE LENGTH	C1	13	590	G2	2	13	STR	2760	5			
		BAR	SIZE	SPLICE LENGTH												
C1	13	590														
<table border="1"> <thead> <tr> <th>BAR</th> <th>SIZE</th> <th>SPLICE LENGTH</th> </tr> </thead> <tbody> <tr> <td>C1</td> <td>13</td> <td>590</td> </tr> </tbody> </table>		BAR	SIZE	SPLICE LENGTH	C1	13	590	S1	6	25	STR	2480	59			
		BAR	SIZE	SPLICE LENGTH												
C1	13	590														
<table border="1"> <thead> <tr> <th>BAR</th> <th>SIZE</th> <th>SPLICE LENGTH</th> </tr> </thead> <tbody> <tr> <td>C1</td> <td>13</td> <td>590</td> </tr> </tbody> </table>		BAR	SIZE	SPLICE LENGTH	C1	13	590	S2	6	25	STR	2760	66			
		BAR	SIZE	SPLICE LENGTH												
C1	13	590														
<table border="1"> <thead> <tr> <th>BAR</th> <th>SIZE</th> <th>SPLICE LENGTH</th> </tr> </thead> <tbody> <tr> <td>C1</td> <td>13</td> <td>590</td> </tr> </tbody> </table>		BAR	SIZE	SPLICE LENGTH	C1	13	590			TOTAL		9588				
		BAR	SIZE	SPLICE LENGTH												
C1	13	590														

PROJECT NO. R-513C  
ROBESON COUNTY  
 STATION: 12+02.000 -Y1-

SHEET 2 OF 4



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
**SINGLE 2.1m X 2.1m  
 CONCRETE BOX CULVERT**

DRAWN BY : T.A. WALTER  
 CHECKED BY : S.M. RASHIDI  
 DATE : 7/22/03  
 DATE : 11/13/03

REVISIONS				SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
				TOTAL SHEETS	7