



DESIGN: JOL      DATE: 11/29/22      UPDATE: AEF      DATE: 2/21/23  
 CHECK: MJM      DATE: 12/9/22      RECHECK: \_\_\_\_\_      DATE: \_\_\_\_\_  
 STRUCTURE: FRA-161-1662A      SFN: 2509539      PID: 116322

ITEM: 513E10200      PAY UNIT: LB  
 SUBJECT: ESTIMATED QUANTITIES

DESCRIPTION: STRUCTURAL STEEL MEMBERS, LEVEL UF

SUPPLEMENTAL DESCRIPTION: \_\_\_\_\_

		SUBTOTAL	TOTAL												
<p>rear abutment:</p> <p>L 4x4x3/8:</p> <table border="1"> <tr><td>wt/ft =</td><td>9.80</td><td>lb/ft</td></tr> <tr><td>length 1 =</td><td>3.90</td><td>ft</td></tr> <tr><td>length 2 =</td><td>4.90</td><td>ft</td></tr> <tr><td>length 3 =</td><td>4.60</td><td>ft</td></tr> </table> <p>weight = 131.32 lbs</p>		wt/ft =	9.80	lb/ft	length 1 =	3.90	ft	length 2 =	4.90	ft	length 3 =	4.60	ft		
wt/ft =	9.80	lb/ft													
length 1 =	3.90	ft													
length 2 =	4.90	ft													
length 3 =	4.60	ft													
<p>1/2" plates:</p> <table border="1"> <tr><td>ht (ft)</td><td>width (ft)</td></tr> <tr><td>1.60</td><td>1.5</td></tr> <tr><td>1.76</td><td>1.0</td></tr> <tr><td>1.60</td><td>1.5</td></tr> </table> <p>weight = 133.93 lbs</p>		ht (ft)	width (ft)	1.60	1.5	1.76	1.0	1.60	1.5						
ht (ft)	width (ft)														
1.60	1.5														
1.76	1.0														
1.60	1.5														
		265	265												
<p>forward abutment:</p> <p>L 4x4x3/8:</p> <table border="1"> <tr><td>wt/ft =</td><td>9.80</td><td>lb/ft</td></tr> <tr><td>length 1 =</td><td>5.70</td><td>ft</td></tr> <tr><td>length 2 =</td><td>5.20</td><td>ft</td></tr> <tr><td>length 3 =</td><td>4.40</td><td>ft</td></tr> </table> <p>weight = 149.94 lbs</p>		wt/ft =	9.80	lb/ft	length 1 =	5.70	ft	length 2 =	5.20	ft	length 3 =	4.40	ft		
wt/ft =	9.80	lb/ft													
length 1 =	5.70	ft													
length 2 =	5.20	ft													
length 3 =	4.40	ft													
<p>1/2" plates:</p> <table border="1"> <tr><td>ht (ft)</td><td>width (ft)</td></tr> <tr><td>1.75</td><td>1.5</td></tr> <tr><td>1.51</td><td>1.0</td></tr> <tr><td>1.74</td><td>1.5</td></tr> </table> <p>weight = 137.7104 lbs</p>		ht (ft)	width (ft)	1.75	1.5	1.51	1.0	1.74	1.5						
ht (ft)	width (ft)														
1.75	1.5														
1.51	1.0														
1.74	1.5														
		288	553												
<p><b>SPECIAL INSTRUCTIONS: CHECK UNIT OF MEASURE</b></p>		<b>TOTAL</b>	<b>553</b>												