2LMN

Calculated:	RTF	Date:	8/5/2023	Stage Review Submission:	Final
Checked:	JAH	Date:	8/5/2023	PID/Job No.:	76779
Concurred:	RTF	Date:	8/5/2023	Bridge No.:	CUY-00090-10.940
Back Checked:	JAH	Date:	8/5/2023	SFN:	1808273
Released:	JAH	Date:	8/5/2023		
Project:	CUY-90-6.83 - Part 1				
Subject:	**DETAILED QUANTITIES FOR LUMP SUM ITEMS**				

514	*27800*	*LS*		*FIELD PAINTING, MISC.: COATING SYSTEM REPAIR*
				Section D-D
		16.00	in	Approx perimeter of L4 angles
		1.33	ft	Approx perimeter of L4 angles
		22.31	ft	Length of L4 Angles
		29.75	SF	Surface Area of L4 Angles
		12.00	IN	PLATE HEIGHT
		15.00	IN	PLATE LENGTH
		1.25	SF	Plate Area
		3.00	EA	Number of plates
		2.00	EA	Number of sides
		7.50	SF	Total Area of Plates
		37.25	SF	Subtotal, surface area
		2	EA	Bays
		74.49	SF	Area to be painted
				Section A-A
		15.00	in	C15x50 depth
		3.72	in	C15x50 width
		37.44	in	Approx C15 perimeter
		3.12	ft	Approx C15 perimeter
		9.05	ft	Length of C15 channels
		28.24	SF	Surface Area of C15
		1.33	ft	Approx perimeter of L4 angles
		9.05	ft	Length of L4 Angles
		12.07	SF	Surface Area of L4 Angles
		8.00	IN	PLATE HEIGHT
		9.00	IN	PLATE LENGTH
		0.50	SF	Plate Area
		2.00	EA	Number of plates
		2.00	EA	Number of sides
		2.00	SF	Total Area of Plates
		42.30	SF	Subtotal, surface area
		1	EA	Bays
		42.30	SF	Area to be painted

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Subject:	**DETAILED QUANTITIES FOR LUMP SUM ITEMS**				

		Section B-B
16.00	in	Approx perimeter of L4 angles
1.33	ft	Approx perimeter of L4 angles
18.07	ft	Length of L4 Angles
24.09	SF	Surface Area of L4 Angles
12.00	IN	PLATE 1 HEIGHT
12.00	IN	PLATE 1 LENGTH
1.00	SF	Plate 1 Area
12.00	IN	PLATE 2 HEIGHT
15.00	IN	PLATE 2 LENGTH
1.25	SF	Plate 2 Area
12.00	IN	PLATE 3 HEIGHT
24.00	IN	PLATE 3 LENGTH
2.00	SF	Plate 3 Area
12.00	IN	PLATE 4 HEIGHT
15.00	IN	PLATE 4 LENGTH
1.25	SF	Plate 4 Area
12.00	IN	PLATE 5 HEIGHT
12.00	IN	PLATE 5 LENGTH
1.00	SF	Plate 5 Area
6.50	SF	Total Plate Area
2.00	EA	Number of sides
13.00	SF	Total Area of Plates
37.09	SF	Subtotal, surface area
2	EA	Bays
74.18	SF	Area to be painted
		INTERMEDIATE CROSSFRAMES
16.00	in	Approx perimeter of L4 angles
1.33	ft	Approx perimeter of L4 angles
27.64	ft	Length of L4 Angles
36.85	SF	Surface Area of L4 Angles
8.00	EA	Number of Bays
294.83	SF	Total surface area
486	SF	Total Surface Area to be Painted