fishbeck
Engineers | Architects | Scientists | Constructors
7887 Washington Village Drive, Ste 135 • Dayton, Ohio 45459
937-291-9092

DESIGN: TLC **DATE:** 1/28/26 **UPDATE:** **DATE:**
CHECK: BSM **DATE:** 2/5/26 **RECHECK:** **DATE:**
STRUCTURE: HAM-275-23.38L **SFN:** 3112063 **PID:** 124859

ITEM: 514E21001 **PAY UNIT:** LS
SUBJECT: ESTIMATED QUANTITIES
DESCRIPTION: FIELD PAINTING OF DAMAGED STRUCTURAL STEEL, AS PER PLAN
SUPPLEMENTAL DESCRIPTION: (THREE COAT)

				SUBTOTAL	TOTAL
beam painted length =	120.00	ft	Conservative, final limits to be determined by Engineer in the field		
			Assumed 60 feet beam 1, 30 feet beams 4 and 5		
perimeter =	9.00	ft	A = 2*D+3*bf		
Beam Area =	1080.0	sf			
Cross Frames - Assume entire impacted crossframe gets painted, including stiffeners					
Angle Perimeter =	1.00	ft			
Bay 1 Total Angle Length =	18.70	ft			
Bay 4 Total Angle Length =	26.82	ft			
Stiffener Height =	2.83	ft			
Stiffener Width =	1.25	ft			
Stiffeners per Crossframe =	2				
# Crossframes Impacted =	2				
Angle Area =	45.52	sf			
Stiffener Area =	14.15	sf			
Total Secondary Area =	60.00	sf			
Total Painted Area =	1200	sf			
Assumed Unit Cost	$ 150.00		Unit price based on low quantity and previous bid data		
Total Lump Sum Painting =	$ 180,000.00				
SPECIAL INSTRUCTIONS:				**TOTAL**	**LS**