FIELD BOLTS

SPECIFICATIONS:

CONNECTION	LENGTH

LENGTH	
SUBTOTAL ADD 2%	
TOTAL	
ITEM NO.	
WEIGHT	

NUTS & WASHERS	NUTS	PLAIN WASHERS	BEVELED WASHERS
QTY. & ITEM NO.			
WEIGHT			

FIELD BOLTS

CONNECTION	LENGTH

LENGTH	
SUBTOTAL ADD 2%	
TOTAL	
ITEM NO.	
WEIGHT	

NUTS & WASHERS	NUTS	PLAIN WASHERS	BEVELED WASHERS
QTY. & ITEM NO.			
WEIGHT			

FIELD BOLTS

SPECIFICATIONS: $\frac{7}{8}\phi$ ASTM A325–TYPE 1 HS BOLTS, WASHERS F436–1, & A563 GRADE DH HVY HEX NUTS – GALV B695–50

CONNECTION	LENGTH $2\frac{3}{4}$
END CROSS FRAMES – ABUT # 1	120

LENGTH	$2\frac{3}{4}$
SUBTOTAL	120
ADD 2% MIN 10	10
TOTAL	130
ITEM NO.	3/11
WEIGHT	89

NUTS & WASHERS	NUTS	PLAIN WASHERS	BEVELED WASHERS
QTY. & ITEM NO.	130 3/12	130 3/13	
WEIGHT	39	9	

☐ ~~No Exception Taken~~ ☐ ~~Make Corrections Noted~~
☐ Revise and Resubmit ☐ Not Acceptable
Reviewed subject to general conformance with the design concept of the project and compliance with the contract documents. The contractor is responsible for dimensions and operations, all quantities and dimensions, and performing his work safely.
McFARLAND-JOHNSON ENGINEERS, INC.
Date 10/16/96 BY SPK

FIELD BOLTS

WORK ORDER NO. 15713
DWG. NO. 99–1

SPECIFICATIONS: $\frac{7}{8}\phi$ ASTM A325–TYPE 3 HS BOLTS, WASHERS F436–3, & A563 GRADE C3 HVY HEX NUTS

CONNECTION	LENGTH $2\frac{1}{2}$	$2\frac{3}{4}$	$3\frac{1}{4}$	$3\frac{3}{4}$
FLANGE SPLICE				672
WEB SPLICE			1008	
END CROSS FRAMES – ABUT # 2		120		
INTERMEDIATE CROSS FRAMES	1440			
PIER CROSS FRAMES		120		

LENGTH	$2\frac{1}{2}$	$2\frac{3}{4}$	$3\frac{1}{4}$	$3\frac{3}{4}$
SUBTOTAL	1440	240	1008	672
ADD 2% MIN 10	28	10	20	13
TOTAL	1468	250	1028	685
ITEM NO.	3/3	3/4	3/5	3/6
WEIGHT	742	111	787	581

NUTS & WASHERS	NUTS	PLAIN WASHERS	BEVELED WASHERS
QTY. & ITEM NO.	3431 3/7	3431 3/8	
WEIGHT	1019	244	

TOTAL SHEET WEIGHT: 3881 #

PROOF LOAD TEST
ROTATIONAL CAPACITY TEST

FOR APPROVAL

ITEM NO. 506.55 | BR. NO. 44 | PROJ. NO. BRS-RS 0113 (8)

TITLE: FIELD BOLTS

APPROVED:

PRINT DIST.			
5	10-14-96	APPR.	
0816	12-3-96	FAB.	
5	11-18-96	APP	

National Eastern Corporation
Plainville, Connecticut

JOB: U.S. ROUTE 5 OVER BLACK RIVER
SPRINGFIELD, VERMONT

CUSTOMER: WINTERSETT, INC.

DESIGNER: VERMONT AGENCY OF TRANSPORTATION

			WORK ORDER NO.	DRAWING NO.	REV.
CHECKED	10/96	CSD	15713	99–1	
DRAWN	10/96	CSD			