

**JONES & LAUGHLIN STEEL CORPORATION**

NORTH SIDE WORKS-KEYSTONE DEPARTMENT

JOB *Machine Shop.*  
FOR *Vesta Coal Co -*

Made by \_\_\_\_\_ Date \_\_\_\_\_ Checked by \_\_\_\_\_ Date \_\_\_\_\_ Order No. *1078-7*  
Revised \_\_\_\_\_ Rivets \_\_\_\_\_ Open Holes \_\_\_\_\_ unless noted Sheet No. *702.*  
Paint \_\_\_\_\_ Inspection \_\_\_\_\_

Details of Schedule of Field Rivets, ~~bolts and nuts~~

No. Pcs.	WHERE USED	FINISHED			No. Pcs.	WHERE USED	FINISHED		
		SIZE	GRIP	LENGTH			SIZE	GRIP	LENGTH
	<u>Rivets</u>								
96	T1-2 To T1-2	3/4	1 1/8	2 1/2	4	B10 To B11	3/4	5/8	2
96	T1-2 To Cols	3/4	1 5/8	3 1/8	12	B7-8 To brackets K1-2	3/4	5/4	2 1/8
16	T1-2 To Cols	3/4	1 3/8	2 3/4	24	S81-2 To Brms	3/4	5/8	2
68	B1-2 To T1-2-T1-2	3/4	1 1/8	2 1/2	4	HR4 To S81-2	3/4	1 7/16	2 1/4
160	S1 To Trusses	3/4	3/4	2 1/8	10	K2 To Cols	3/4	3/4	2 1/8
24	B1-2 To T1-2	3/4	3/4	2 1/8	18	ES6-7	3/4	5/8	2
48	D6-7-8 To Trusses	3/4	1 7/16	2 1/2	16	C24-25 To Rafter R5-6	3/4	7/8	2 1/2
18	do	3/4	5/8	2	60	B6 To Cols	3/4	1	2 3/8
48	D9-10-11 To Trusses	3/4	1 7/16	2 1/2	10	do	3/4	1 3/8	2 3/4
18	do	3/4	5/8	2	72	R3-4 To Rafter	3/4	3/4	2 1/8
16	D5 To Trusses	3/4	1 7/16	2 1/2	6	R3 To R4	3/4	5/8	2
36	D13-14-5 To Trusses	3/4	1 7/16	2 1/2	72	R20-21 To Rafter	3/4	3/4	2 1/8
12	do	3/4	5/8	2	3	R20 To R21	3/4	5/8	2
12	D12 To "	3/4	1 7/16	2 1/2	32	B4 To Cols	3/4	3/4	2 1/8
54	D20-21-22 To "	3/4	3/4	2 1/8	8	B5-11 To Cols	3/4	3/4	2 1/8
68	D16-17-19 To "	3/4	3/4	2 1/8	24	D1-3-42-43-24	3/4	1 7/16	2 3/8
48	D24-25-26	3/4	3/4	2 1/8	8	do	3/4	5/8	2
96	T1-2 To Cols	3/4	1 1/8	2 1/2	48	R28-29 To Rafter	3/4	5/8	2
16	do	3/4	1 3/8	2 3/4	16	ES4 To Cols	3/4	3/4	2 1/8
60	D27-28-29	3/4	7/16	2	40	ES1 To Cols	3/4	4/16	2
12	do	3/4	5/8	2	8	ES5 To Cols	3/4	4/16	2
40	S2-3 To T Chord	3/4	5/8	2	16	R5-6 To Cols 22-23	3/4	4/16	2
40	S4-5 To T Chord	3/4	5/8	2	8	R7 To Cols 22	3/4	4/16	2
40	S6-7 To T Chord	3/4	5/8	2	40	T63 To T7-8	3/4	1 1/8	2 1/2
40	S8-9 To T Chord	3/4	5/8	2	48	T63 To Cols	3/4	1 5/8	3 1/8
30	WP12 To S4-5	3/4	1 5/16	2 1/4	8	do	3/4	1 3/8	2 1/4
30	WP1 To S6-7	3/4	1 5/16	2 1/4	4	G5 To Cols + B5-	3/4	2	3 5/8
20	WP22 To S6-7	3/4	1 5/16	1 7/8	23	G5 To Cols	3/4	1 5/8	3 1/8
30	WP22 To S8-9	3/4	1 5/16	1 7/4	5	G5 To Cols	3/4	3/4	2 1/8
72	T4-5 To C7-8-9-10-11-12	3/4	1	2 3/8	1	do	3/4	1 5/8	3 1/8
36	T4-5 To Cols C13 To 17-18	3/4	3/4	2 1/8	8	G6 To Cols + Brm	3/4	1 1/8	2 1/2
36	D30-31-32 To Truss	3/4	1 3/16	2 1/8	2	do	3/4	3/4	2 1/8
15	do	3/4	7/16	2	8	do	3/4	1 1/2	3
36	D36-37-38 To Truss	3/4	4/16	2	16	G7 To Cols + Brm	3/4	1 1/8	2 1/2
15	do	3/4	4/16	2	32	do	3/4	1 3/8	2 1/4
24	T6-7 To C1-2	3/4	3/4	2 1/8	4	do	3/4	3/4	2 1/8
24	T6-7 To C1-2	3/4	4/16	2	110	B1-2-3 To G5-6-7	3/4	1 1/16	2 1/8
12	D33-34-35 To Truss	3/4	1 7/16	2 1/8	10	B3 G5-6-7	3/4	1	2 3/8
5	do	3/4	4/16	2	24	G8 To Cols	3/4	1 3/8	2 3/4
12	D39-40-41	3/4	1 3/16	2 1/8	4	do	3/4	2	3 5/8
5	do	3/4	4/16	2	2	do	3/4	1 5/8	3 1/8
56	G1-2-3-4 To Cols	3/4	3 3/8	5 1/8	2	do	3/4	3/4	2 1/8
28	do end cols.	3/4	2 1/4	3 3/8	8	R7 To C6	3/4	3/4	2 1/8
12	K1 To G1-2	3/4	3/4	2 1/8	34	T63 To B63	3/4	1 1/8	2 1/2
102	B1-2 To G1-2-3-4	3/4	1 3/16	2 1/8	12	B63 To T7-8	3/4	1 1/8	2 1/2
6	B3 To G3	3/4	1	2 3/8	16	B63 To T7-8	3/4	3/4	2 1/8
64	CG1 To Cols (ends)	3/4	1 1/2	2 5/8	48	T7-8 To Cols	3/4	1 1/8	2 1/2
32	do	3/4	7/8	2 1/4	8	do	3/4	1 3/8	2 1/4
40	CG1 To Cols	3/4	1 5/8	3 1/8					
50	G9 To Cols	3/4	4/16	2					
50	G11 To Cols	3/4	4/16	2					
20	G10-12 To Cols	3/4	4/16	2					

SUMMARY OF FIELD RIVETS AND BOLTS

No. OF PCS.	DIA.	RIVETS OR BOLTS	LENGTH		REMARKS	No. OF PCS.	DIA.	RIVETS OR BOLTS	LENGTH		REMARKS	No. OF PCS.	DIA.	RIVETS OR BOLTS	LENGTH		REMARKS
			FT.	IN.					FT.	IN.					FT.	IN.	