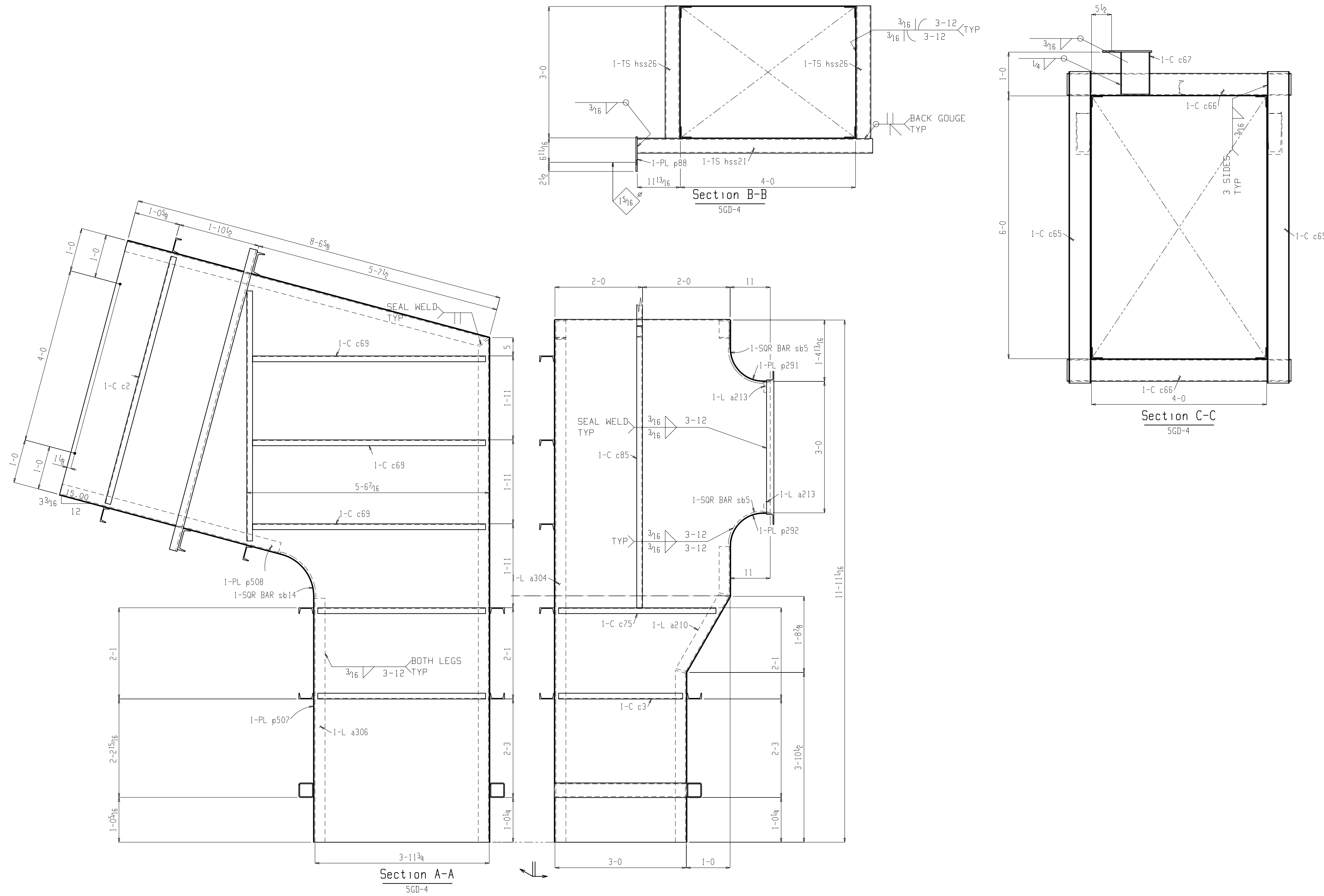


BILL OF MATERIAL

LINE #	QTY	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL	ADVANCE MILL #
ONE		5GD-4	DUCT			4010	
1		5GD-4	PL 3/8 x 48	20	1	A36	729
1		hss21	HSS4x4x1/4	5	4 1/2	A500B	65
2		hss26	HSS4x4x1/4	3	0 3/8	A500B	74
1		a304	L3x3x1/4	11	5 1/8	A36	56
1		a184	L3x3x1/4	8	6 3/8	A36	42
1		a186	L3x3x1/4	8	6 3/8	A36	42
1		a306	L3x3x1/4	5	6 3/8	A36	27
2		a220	L3x3x1/4	5	2 1/8	A36	51
1		a305	L3x3x1/4	3	11 1/8	A36	19
1		a307	L3x3x1/4	3	11 1/8	A36	19
1		a210	L3x3x1/4	2	0 3/8	A36	10
1		a219	L3x3x1/4	2	0	A36	10
1		a207	L3x3x1/4	1	1 3/8	A36	5
4		a213	L3x3x1/4	0	1 3/4	A36	3
2		a325	L3x2x1/4	4	6 3/8	A36	37
2		a323	L3x2x1/4	3	6 3/8	A36	29
1		c67	C6x18.7	0	11 1/2	A36	18
2		c65	C6x13	7	1 3/8	A36	185
2		c66	C6x13	5	1 3/8	A36	133
1		c85	C4x5.4	6	5 1/4	A36	35
1		c89	C4x5.4	5	10 1/4	A36	32
2		c2	C4x5.4	5	10	A36	63
2		c68	C4x5.4	5	8 1/2	A36	62
3		c69	C4x5.4	5	3 7/8	A36	86
6		c1	C4x5.4	3	10	A36	124
2		c75	C4x5.4	3	7 1/8	A36	39
2		c3	C4x5.4	2	10	A36	31
1		p258	PL 3/8 x 6 1/2	1	1 1/2	A36	9
1		p88	PL 3/8 x 5	0	9 1/2	A36	5
1		m2	ACCESS DOOR	1	10	A36	95
1		p510	PL 3/8 x 48	10	1 1/8	A36	315
1		p508	PL 3/8 x 117 3/4	13	8 13/8	A36	1032
1		p291	PL 3/8 x 57 1/4	1	4 1/4	BENT A36	49
1		p292	PL 3/8 x 57 1/4	1	4 1/4	BENT A36	49
1		p293	PL 3/8 x 54 1/2	1	4 1/4	BENT A36	47
1		p507	PL 3/8 x 48	12	1 15/8	BENT A36	372
2		sb16	SB 1 1/2	1	4 15/8	A36	2
2		sb14	SB 1 1/2	1	4 13/8	A36	2
2		sb5	SB 1 1/2	1	2 15/8	A36	2
20			1/2 Dia SCREW	0	1 1/2	+1HD WASH	4
			FIELD BOLTS				
2			3/8 Dia A325	0	1 1/2	+2HD WASH	
4			3/8 Dia A325	0	1 1/2	+1HD WASH	



WORK THIS SHEET WITH "5GD-4"

MILL CERTS REQ'D. - YES NO
 SANDBLAST PER SSPC-SP6 - YES NO

DIMENSION CHECK	DATE	CHECKED BY
VISUAL WELD INSPECTION	DATE	CHECKED BY

SHOP NOTES

- PAIN ERECTION MARKS ON LEFT OF MEMBER AS DETAILED. FOR BEAMS - LEFT END - TOP FLANGE & NEAR SIDE OF WEB.
- OMIT PAINT FROM ALL NELSON STUDS AND SURFACES NOTED "*".
- BOTH SIDES OF MATERIAL ADJACENT TO OPEN HOLES MUST BE FREE OF LOOSE SCALE AND BURRS.
- ALL WELDING TO BE DONE A.W.S. CERTIFIED WELDERS AND PER A.W.S.-D1.1.
- WELDS SHOWN ARE FOR STRENGTH - SEAL WELD ALL JOINTS WHEN GALVANIZING IS REQ'D.

ERECTOR NOTE!
 USE 1-HIGH STRENGTH WASHER OVER ALL SLOTS IN CONNECTION ANGLES FOR ALL BEAM TO BEAM AND BEAM TO COLUMN CONNECTIONS.

ALL VERIFIES WILL BE ASSUMED CORRECT AS SHOWN UNLESS NOTED OTHERWISE BY APPROVER

REV	DATE	DESCRIPTION
0	05-26-2015	FOR FABRICATION

HOLES 13/160	PAINT	ONE COAT RED OXIDE PRIMER	
JOB AND LOCATION		GAS RECIRC DUCT TO FURNACE	
ITEM		GAS RECIRC DUCT TO FURNACE	
CUSTOMER		ALSTOM POWER INC.	
ARCH. ENG.		ALSTOM POWER INC.	
DRAWN BY	DATE	ORDER NO.	SHEET NO.
IH	MAY '15	27155-4E9196	5GD-4a
CHECKED BY	REF.	REV.	
VP			