

PROJECT # 2014-101

PROJECT DESCRIPTION : JED Cell 10 Construction

PROJECT LOCATION : St. Cloud, Florida

LAYER:

PRIMARY

X

SECONDARY

Brantley
Engineering, LLC

OWNER: Omni Waste of Osceola County, LLC

ENGINEER: Geosyntec

INSTALLER: Comanco

PAGE#

1

DEFECT CODE	DEFECT LOCATION		DEFECT TYPE	DATE	REMARKS	REPAIR						VACUUM TEST			
	SEAM, PANEL OR DEFECT CODE	DEFECT LOCATION DESCRIPTION				DATE	TYPE	APPROX SIZE	MACH ID #	WELD TECH	QA MON.	DATE	TECH ID	P/F	QA MON.
A	1,2	TPI	T	4/21/2014		4/21	P	2x2	72	ED	CJ	4/23	FG	P	CJ
B	2,3	TPI	T	4/21/2014		4/21	P	2x2	72	ED	CJ	4/23	FG	P	CJ
C	3,4	TPI	T	4/21/2014		4/21	P	2x2	72	ED	CJ	4/23	FG	P	CJ
D	4,5	TPI	T	4/21/2014		4/21	P	2x2	72	ED	CJ	4/23	FG	P	CJ
F	5,6	TPI	T	4/21/2014		4/21	P	2x2	72	ED	CJ	4/23	FG	P	CJ
G	6,7	TPI	T	4/21/2014		4/21	P	2x2	72	ED	CJ	4/23	FG	P	CJ
H	7,8	TPI	T	4/21/2014		4/21	P	2x2	72	ED	CJ	4/23	FG	P	CJ
J	8,9	TPI	T	4/21/2014		4/21	P	2x2	72	ED	CJ	4/23	FG	P	CJ
K	9,10	TPI	T	4/21/2014		4/21	P	2x2	72	ED	CJ	4/23	FG	P	CJ
M	10,11	TPI	T	4/21/2014		4/21	P	2x2	72	ED	CJ	4/23	FG	P	CJ
N	10,11,12	TPI	T	4/21/2014		4/21	P	2x2	72	ED	CJ	4/23	FG	P	CJ
P	8,9,12	TPI	T	4/21/2014		4/21	P	2x2	72	ED	CJ	4/23	FG	P	CJ
Q	9,10	EEOS	DF	4/21/2014	DS-1	Same as 2H		-	-	-	-	-	-	-	-
R	3,14	SEOS	DF	4/21/2014	DS-2	4/21	P	2x5	42	BV	CJ	4/23	FG	P	CJ
S	15,21	SEOS	DF	4/21/2014	DS-3	4/21	P	2x5	72	ED	CJ	4/23	FG	P	CJ
T	10,ex	TPI	T	4/21/2014		4/21	P	2x2	72	ED	CJ	4/23	FG	P	CJ
W	19,20	6'N of Seos	DF	4/21/2014	DS-4	4/21	P	2x5	72	ED	CJ	4/23	FG	P	CJ
X	23,24	SEOS	DF	4/21/2014	DS-5	4/21	P	2x5	72	ED	CJ	4/23	FG	P	CJ
Y	31,28	WEOS	DF	4/22/2014	DS-6	4/21	P	2x5	72	ED	CJ	4/23	FG	P	CJ

DEFECTS TYPES

BO - BURNOUT

CO - CHANGE OF OVERLAP

CUT - CUT

D - DAMAGE

CR - CREASE

DF - FUSION DESTRUCTIVE

DX - EXTRUSION DESTRUCTIVE

ED - EQUIP. DAMAGE

EXT - PANEL EXTENTION

FM - FISHMOUTH

FS - FAILED SEAM

INT - INTERSECTION

IO - INSUFFICIENT OVERLAP

PT - PRESSURE TEST CUT

T - THREE PANEL INTERSECTION

VL - VACCUM LEAK

WR - WRINKLE

WS - WELDER RESTART

OTHER _____

OTHER _____

REPAIR TYPES

P - PATCH

C - CAP

RS - RECONSTRUCTED SEAM

G&W - GRIND AND WELD

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A	1,2,14	TPI	T	4/21/2014		4/21	P	2x2	42	BV	CJ	4/23	FG	P	CJ
B	2,3,14	TPI	T	4/21/2014		4/21	P	2x2	42	BV	CJ	4/23	FG	P	CJ
C	3,4,14	TPI	T	4/21/2014	Coverd by 1R	-	-	-	-	-	-	-	-	-	-
D	4,5,14	TPI	T	4/21/2014		4/21	P	2x2	42	BV	CJ	4/23	FG	P	CJ
F	5,13,14	TPI	T	4/21/2014		4/21	P	2x2	42	BV	CJ	4/23	FG	P	CJ
G	5,6,13	TPI	T	4/21/2014		4/21	P	2x2	42	BV	CJ	4/23	FG	P	CJ
H	9,10,12	TPI	T	4/21/2014		4/21	P	2x2	42	BV	CJ	4/23	FG	P	CJ
J	8,12,13	TPI	T	4/21/2014		4/21	P	2x2	72	ED	CJ	4/23	FG	P	CJ
K	7,8,13	TPI	T	4/21/2014		4/21	P	2x2	72	ED	CJ	4/23	FG	P	CJ
M	6,7,13	TPI	T	4/21/2014		4/21	P	2x2	72	ED	CJ	4/23	FG	P	CJ
N	13,14,15	TPI	T	4/21/2014		4/21	P	2x2	72	ED	CJ	4/23	FG	P	CJ
P	15,16,21	TPI	T	4/21/2014		4/21	P	2x2	42	BV	CJ	4/23	FG	P	CJ
Q	16,20,21	TPI	T	4/21/2014		4/21	P	2x2	42	BV	CJ	4/23	FG	P	CJ
R	16,19,20	TPI	T	4/21/2014		4/21	P	2x2	42	BV	CJ	4/23	FG	P	CJ
S	18,19,20	TPI	T	4/21/2014		4/21	P	2x2	42	BV	CJ	4/23	FG	P	CJ
T	16,18,19	TPI	T	4/21/2014		4/21	P	2x2	42	BV	CJ	4/23	FG	P	CJ
W	16,17,18	TPI	T	4/21/2014		4/21	P	2x2	42	BV	CJ	4/23	FG	P	CJ
X	34,35	34' S of NEOS	BO	4/22/2014		4/22	P	2x5	72	ED	CJ	4/23	FG	P	CJ
Y	34,35	65'S of NEOS	BO	4/22/2014		4/22	P	2x5	72	ED	CJ	4/23	FG	P	CJ

DEFECTS TYPES

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CO - CHANGE OF OVERLAP

CUT - CUT

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CR - CREASE

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	SEAM, PANEL OR DEFECT CODE	DEFECT LOCATION DESCRIPTION				DATE	TYPE	APPROX SIZE	MACH ID #	WELD TECH	QA MON.	DATE	TECH ID	P/F	QA MON.
A	37,38	35' FROM NEOS	DF	4/22/2014	DS-7	4/23	P	2X5	72	ED	KL	4/23	FG	P	CJ
B	41,42	20' FROM NEOS	DF	4/22/2014	DS-8	4/23	P	2X5	72	ED	KL	4/23	FG	P	CJ
C	46,48	24' FROM SEOS	DF	4/22/2014	DS-9	4/23	P	2X5	72	ED	KL	4/23	FG	P	CJ
D	28,43	264' FROM EEOS	DF	4/22/2014	DS-10	4/23	P	2X5	72	ED	KL	4/23	FG	P	CJ
F	43,46	106' FROM WEOS	DF	4/22/2014	DS-11	4/23	P	2X5	72	ED	KL	4/23	FG	P	CJ
G	47,50	38' FROM EEOS	DF	4/22/2014	DS-12	4/23	P	2X5	72	ED	KL	4/23	FG	P	CJ
H	25,27	68' FROM SEOS	DF	4/22/2014	DS13	4/23	P	2X5	72	ED	KL	4/23	FG	P	CJ
J	50,51,52	TPI	T	4/22/2014		4/23	P	2X2	42	BV	KL	4/23	FG	P	CJ
K	51,52,54	TPI	T	4/23/2014		4/23	P	2X2	42	BV	KL	4/23	FG	P	CJ
M	52,53	30'FROM WEOS	DF	4/23/2014	DS-14	4/23	P	2X5	72	ED	KL	4/23	FG	P	CJ
N	51,54	64'W OF EEOS	DF	4/24/2014	DS-15	4/23	P	2X5	72	ED	KL	4/23	FG	P	CJ
P	54,55,56	TPI	T	4/23/2014		4/23	P	2X2	42	BV	KL	4/23	FG	P	CJ
Q	55,56,58	TPI	T	4/23/2014		4/23	P	2X2	42	BV	KL	4/23	FG	P	CJ
R	58,59,60	TPI	T	4/23/2014		4/23	P	2X2	42	BV	KL	4/23	FG	P	CJ
S	59,60,61	TPI	T	4/23/2014		4/23	P	2X2	42	BV	KL	4/23	FG	P	CJ
T	59,61,62	TPI	T	4/23/2014		4/23	P	2X2	42	BV	KL	4/23	FG	P	CJ
W	61,62,63	TPI	T	4/23/2014		4/23	P	2X2	42	BV	KL	4/23	FG	P	CJ
X	53,56	69' FROM EEOS	DF	4/24/2014	DS-16	4/23	P	2X5	72	ED	KL	4/23	FG	P	CJ
Y	56,57,58	TPI	T	4/23/2014		4/23	P	2X2	42	BV	KL	4/23	FG	P	CJ

DEFECTS TYPES

BO - BURNOUT

CO - CHANGE OF OVERLAP

CUT - CUT

D - DAMAGE

CR - CREASE

DF - FUSION DESTRUCTIVE

DX - EXTRUSION DESTRUCTIVE

ED - EQUIP. DAMAGE

EXT - PANEL EXTENTION

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FS - FAILED SEAM

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4

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	SEAM, PANEL OR DEFECT CODE	DEFECT LOCATION DESCRIPTION				DATE	TYPE	APPROX SIZE	MACH ID #	WELD TECH	QA MON.	DATE	TECH ID	P/F	QA MON.
A	27	12'E, 7'N OF SWC	D	4/22/2014		4/22	P	2X2	72	ED	CJ	4/23	FG	P	KL
B	27	12'E, 14'N OF SWC	D	4/22/2014		4/22	P	2X2	72	ED	CJ	4/23	FG	P	KL
C	1,14,28	TPI	T	4/22/2014		4/22	P	2X2	72	ED	CJ	4/23	FG	P	KL
D	14,15,28	TPI	T	4/22/2014		4/22	P	2X2	72	ED	CJ	4/23	FG	P	KL
F	15,21,28	TPI	T	4/22/2014	COVERS 21,28	4/22	P	2X6	72	ED	CJ	4/23	FG	P	KL
G	20,22,28	TPI	T	4/22/2014		4/22	P	2X2	72	ED	CJ	4/23	FG	P	KL
H	22,23,28	TPI	T	4/22/2014		4/22	P	2X2	72	ED	CJ	4/23	FG	P	KL
J	23,24,28	TPI	T	4/22/2014		4/22	P	2X2	72	ED	CJ	4/23	FG	P	KL
K	24,25,28	TPI	T	4/22/2014		4/22	P	2X2	72	ED	CJ	4/23	FG	P	KL
M	25,26,28	TPI	T	4/22/2014		4/22	P	2X2	72	ED	CJ	4/23	FG	P	KL
N	25,26,27	TPI	T	4/21/2014		4/21	P	2X2	42	BV	CJ	4/23	FG	P	KL
P	26,28,29	TPI	T	4/22/2014		4/22	P	2X2	72	ED	CJ	4/23	FG	P	KL
Q	28,29,30	TPI	T	4/22/2014		4/22	P	2X2	72	ED	CJ	4/23	FG	P	KL
R	28,30,31	TPI	T	4/22/2014		4/22	P	2X2	72	ED	CJ	4/23	FG	P	KL
S	28,31,32	TPI	T	4/22/2014		4/22	P	2X2	72	ED	CJ	4/23	FG	P	KL
T	28,32,33	TPI	T	4/22/2014		4/22	P	2X2	72	ED	CJ	4/23	FG	P	KL
W	28,33,34	TPI	T	4/22/2014		4/22	P	2X2	72	ED	CJ	4/23	FG	P	KL
X	28,34,35	TPI	T	4/22/2014		4/22	P	2X2	72	ED	CJ	4/23	FG	P	KL
Y	28,35,36	TPI	T	4/22/2014		4/22	P	2X2	72	ED	CJ	4/23	FG	P	KL

DEFECTS TYPES

BO - BURNOUT

CO - CHANGE OF OVERLAP

CUT - CUT

D - DAMAGE

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5

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	SEAM, PANEL OR DEFECT CODE	DEFECT LOCATION DESCRIPTION				DATE	TYPE	APPROX SIZE	MACH ID #	WELD TECH	QA MON.	DATE	TECH ID	P/F	QA MON.
A	28,36,37	TPI	T	4/22/2014		4/23	P	2X2	72	ED	CJ	4/23	FG	P	CJ
B	28,37,38	TPI	T	4/22/2014		4/23	P	2X2	72	ED	CJ	4/23	FG	P	CJ
C	28,37,39	TPI	T	4/22/2014		4/23	P	2X2	72	ED	CJ	4/23	FG	P	CJ
D	28,39,40	TPI	T	4/22/2014	COVERS 39,40	4/23	P	3X8	72	ED	CJ	4/23	FG	P	CJ
F	40,41,42	TPI	T	4/22/2014		4/23	P	2X2	72	ED	CJ	4/23	FG	P	CJ
G	28,40,43	TPI	T	4/22/2014		4/23	P	2X2	72	ED	CJ	4/23	FG	P	CJ
H	44,45,46	TPI	T	4/22/2014		4/23	P	2X2	72	ED	CJ	4/23	FG	P	CJ
J	45,46,48	TPI	T	4/22/2014		4/23	P	2X2	72	ED	CJ	4/23	FG	P	CJ
K	46,47,48	TPI	T	4/22/2014		4/23	P	2X2	72	ED	CJ	4/23	FG	P	CJ
M	47,48,50	TPI	T	4/22/2014		4/23	P	2X2	72	ED	CJ	4/23	FG	P	CJ
N	48,49,50	TPI	T	4/22/2014		4/23	P	2X2	72	ED	CJ	4/23	FG	P	CJ
P	43,44,45	TPI	T	4/22/2014		4/23	P	2X2	72	ED	CJ	4/23	FG	P	CJ
Q	28,43,44	TPI	T	4/22/2014		4/23	P	2X2	72	ED	CJ	4/23	FG	P	CJ
R	1,28,14	TPI	T	4/23/2014		4/23	P	2X2	72	ED	CJ	4/23	FG	P	CJ
S	28,43,44	TPI	T	4/23/2014		4/23	P	2X2	72	ED	CJ	4/23	FG	P	CJ
T	43,44,45	TPI	T	4/23/2014		4/23	P	2X2	72	ED	CJ	4/23	FG	P	CJ
W	45,46,48	TPI	T	4/23/2014		4/23	P	2X2	72	ED	CJ	4/23	FG	P	CJ
X	48,49,50	TPI	T	4/23/2014		4/23	P	2X2	72	ED	CJ	4/23	FG	P	CJ
Y	49,50,52	TPI	T	4/23/2014		4/23	P	2X2	72	ED	CJ	4/23	FG	P	CJ

DEFECTS TYPES

BO - BURNOUT

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	SEAM, PANEL OR DEFECT CODE	DEFECT LOCATION DESCRIPTION				DATE	TYPE	APPROX SIZE	MACH ID #	WELD TECH	QA MON.	DATE	TECH ID	P/F	QA MON.
A	57,58,60	TPI	T	4/23/2014		4/23	P	2X2	42	BV	KL	4/23	FG	P	CJ
B	56,58	279'E OF WEOS	DF	4/24/2014	DS-17	4/24	P	2X6	72	ED	KL	4/25	FG	P	CJ
C	58,60	15'W OF EEOS	DF	4/24/2014	DS-18	4/24	P	2X5	72	ED	KL	4/25	FG	P	CJ
D	53,54	TPI	T	4/23/2014		4/23	P	2X2	42	BV	KL	4/23	FG	P	CJ
F	53,54,52	TPI	T	4/23/2014		4/23	P	2X2	42	BV	KL	4/23	FG	P	CJ
G	61,63	135'W OF EEOS	DF	4/24/2014	DS-19	4/23	P	2X5	72	ED	KL	4/25	FG	P	CJ
H	60,61	182'W OF EEOS	DF	4/24/2014	DS-20	4/23	P	2X5	72	ED	KL	4/25	FG	P	CJ
J	63,64,61	TPI	T	4/23/2014		4/23	P	2X2	72	ED	KL	4/25	FG	P	CJ
K	61,64,EX	TPI	T	4/24/2014		4/24	P	2X2	72	ED	CJ	4/25	FG	P	CJ
M	60,61,EX	TPI	T	4/24/2014		4/24	P	2X2	72	ED	CJ	4/25	FG	P	CJ
N	57,60,EX	TPI	T	4/24/2014		4/24	P	2X2	72	ED	CJ	4/25	FG	P	CJ
P	56,57,EX	TPI	T	4/24/2014		4/24	P	2X2	72	ED	CJ	4/25	FG	P	CJ
Q	53,56,EX	TPI	T	4/24/2014		4/24	P	2X2	72	ED	CJ	4/25	FG	P	CJ
R	52,53,EX	TPI	T	4/24/2014		4/24	P	2X2	72	ED	CJ	4/25	FG	P	CJ
S	49,52,EX	TPI	T	4/24/2014		4/24	P	2X2	72	ED	CJ	4/25	FG	P	CJ
T	64,65,EX	TPI	T	4/25/2014		4/26	P	2X2	72	ED	CJ	4/26	FG	P	CJ
W	65,68,EX	TPI	T	4/25/2014		4/26	P	2X2	72	ED	CJ	4/26	FG	P	CJ
X	68,69,EX	TPI	T	4/25/2014		4/26	P	2X2	72	ED	CJ	4/26	FG	P	CJ
Y	63,64,EX	TPI	T	4/25/2014		4/26	P	2X2	72	ED	CJ	4/26	FG	P	CJ

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7

DEFECT CODE	DEFECT LOCATION		DEFECT TYPE	DATE	REMARKS	REPAIR						VACUUM TEST			
	SEAM, PANEL OR DEFECT CODE	DEFECT LOCATION DESCRIPTION				DATE	TYPE	APPROX SIZE	MACH ID #	WELD TECH	QA MON.	DATE	TECH ID	P/F	QA MON.
A	63,65,66	TPI	T	4/25/2014		4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
B	65,66,67	TPI	T	4/25/2014		4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
C	65,67,68	TPI	T	4/25/2014		4/26	P	2X2	72	AL	CJ	4/26	FG	P	CJ
D	67,68,69	TPI	T	4/25/2014		4/26	P	2X2	72	AL	CJ	4/26	FG	P	CJ
F	63,65	63'E OF WEOS	DF	4/25/2014	DS-21	4/26	P	2X5	42	ST	CJ	4/26	FG	P	CJ
G	65,68	27'W OF EEOS	DF	4/25/2014	DS-22	4/26	P	2X5	72	AL	CJ	4/26	FG	P	CJ
H	67,69	57'E OF WEOS	DF	4/25/2014	DS-23	4/26	P	2X5	42	ST	CJ	4/26	FG	P	CJ
J	67,69,70	TPI	T	4/25/2014		4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
K	69,70,71	TPI	T	4/25/2014		4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
M	69,72	28'E OF WEOS	DF	4/25/2014	DS-24	4/26	P	2X5	72	AL	CJ	4/26	FG	P	CJ
N	72,73	127'W OF EEOS	DF	4/25/2014	DS-25	4/26	P	2X5	72	AL	CJ	4/26	FG	P	CJ
P	69,71,72	TPI	T	4/25/2014		4/26	P	2X2	72	AL	CJ	4/26	FG	P	CJ
Q	71,72,73	TPI	T	4/25/2014		4/26	P	2X2	72	AL	CJ	4/26	FG	P	CJ
R	70,71	15'W OF EEOS	DF	4/25/2014	DS-26	4/26	P	2X5	42	ST	CJ	4/26	FG	P	CJ
S	71,73,74	TPI	T	4/25/2014		4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
T	73,74,75	TPI	T	4/25/2014		4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
W	73,75,76	TPI	T	4/25/2014		4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
X	75,76,77	TPI	T	4/25/2014		4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
Y	73,76	123'W OF EEOS	DF	4/25/2014	DS-27	4/26	P	2X5	72	AL	CJ	4/26	FG	P	CJ

DEFECTS TYPES

BO - BURNOUT

CO - CHANGE OF OVERLAP

CUT - CUT

D - DAMAGE

CR - CREASE

DF - FUSION DESTRUCTIVE

DX - EXTRUSION DESTRUCTIVE

ED - EQUIP. DAMAGE

EXT - PANEL EXTENTION

FM - FISHMOUTH

FS - FAILED SEAM

INT - INTERSECTION

IO - INSUFFICIENT OVERLAP

PT - PRESSURE TEST CUT

T - THREE PANEL INTERSECTION

VL - VACCUM LEAK

WR - WRINKLE

WS - WELDER RESTART

OTHER _____

OTHER _____

REPAIR TYPES

P - PATCH

C - CAP

RS - RECONSTRUCTED SEAM

G&W - GRIND AND WELD

PROJECT # 2014-101

PROJECT DESCRIPTION : JED Cell 10 Construction

PROJECT LOCATION : St. Cloud, Florida

LAYER:

PRIMARY

SECONDARY

X



**Brantley
Engineering, LLC**

OWNER: Omni Waste of Osceola County, LLC

ENGINEER: Geosyntec

INSTALLER: Comanco

PAGE#

8

DEFECT CODE	DEFECT LOCATION		DEFECT TYPE	DATE	REMARKS	REPAIR						VACUUM TEST			
	SEAM, PANEL OR DEFECT CODE	DEFECT LOCATION DESCRIPTION				DATE	TYPE	APPROX SIZE	MACH ID #	WELD TECH	QA MON.	DATE	TECH ID	P/F	QA MON.
A	75,77,78	TPI	T	4/25/2014		4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
B	77,78,79	TPI	T	4/25/2014		4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
C	75,78	43'W OF EEOS	DF	4/25/2014	DS-28	4/26	P	2X5	42	ST	CJ	4/26	FG	P	CJ
D	77,80	3'E OF WEOS	DF	4/25/2014	DS-29	4/26	P	2X5	42	ST	CJ	4/26	FG	P	CJ
F	78,79	18'W OF EEOS	DF	4/25/2014	DS-30	4/26	P	2X5	42	ST	CJ	4/26	FG	P	CJ
G	80,8	79'W OF EEOS	DF	4/25/2014	DS-31	4/26	P	2X5	42	ST	CJ	4/26	FG	P	CJ
H	80,81,82	TPI	T	4/25/2014		4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
J	81,82,84	TPI	T	4/25/2014		4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
K	77,79,80	TPI	T	4/25/2014		4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
M	79,80,82	TPI	T	4/25/2014		4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
N	82,83	79'W OF EEOS	DF	4/25/2014	DS-32	4/26	P	2X5	42	ST	CJ	4/26	FG	P	CJ
P	69,72,EX	TPI	T	4/25/2014		4/26	P	2X2	72	AL	CJ	4/26	FG	P	CJ
Q	72,73,EX	TPI	T	4/25/2014		4/26	P	2X2	72	AL	CJ	4/26	FG	P	CJ
R	73,76,EX	TPI	T	4/25/2014		4/26	P	2X2	72	AL	CJ	4/26	FG	P	CJ
S	76,77,EX	TPI	T	4/25/2014		4/26	P	2X2	72	AL	CJ	4/26	FG	P	CJ
T	77,80,EX	TPI	T	4/25/2014		4/26	P	2X2	72	AL	CJ	4/26	FG	P	CJ
W	80,81,EX	TPI	T	4/25/2014		4/26	P	2X2	72	AL	CJ	4/26	FG	P	CJ
X	81,84,EX	TPI	T	4/25/2014		4/26	P	2X2	72	AL	CJ	4/26	FG	P	CJ
Y	84,85,EX	TPI	T	4/25/2014		4/26	P	2X2	72	AL	CJ	4/26	FG	P	CJ

DEFECTS TYPES

BO - BURNOUT

CO - CHANGE OF OVERLAP

CUT - CUT

D - DAMAGE

CR - CREASE

DF - FUSION DESTRUCTIVE

DX - EXTRUSION DESTRUCTIVE

ED - EQUIP. DAMAGE

EXT - PANEL EXTENTION

FM - FISHMOUTH

FS - FAILED SEAM

INT - INTERSECTION

IO - INSUFFICIENT OVERLAP

PT - PRESSURE TEST CUT

T - THREE PANEL INTERSECTION

VL - VACCUM LEAK

WR - WRINKLE

WS - WELDER RESTART

OTHER _____

OTHER _____

REPAIR TYPES

P - PATCH

C - CAP

RS - RECONSTRUCTED SEAM

G&W - GRIND AND WELD

PROJECT # 2014-101

PROJECT DESCRIPTION : JED Cell 10 Construction

PROJECT LOCATION : St. Cloud, Florida

LAYER:

PRIMARY

SECONDARY

X

Brantley
Engineering, LLC

OWNER: Omni Waste of Osceola County, LLC

ENGINEER: Geosyntec

INSTALLER: Comanco

PAGE#

9

DEFECT CODE	DEFECT LOCATION		DEFECT TYPE	DATE	REMARKS	REPAIR						VACUUM TEST			
	SEAM, PANEL OR DEFECT CODE	DEFECT LOCATION DESCRIPTION				DATE	TYPE	APPROX SIZE	MACH ID #	WELD TECH	QA MON.	DATE	TECH ID	P/F	QA MON.
A	85,88,EX	TPI	T	4/25/2014		4/26	P	2X2	72	AL	CJ	4/26	FG	P	CJ
B	84,85,86	TPI	T	4/25/2014		4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
C	85,86,88	TPI	T	4/25/2014		4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
D	82,83,84	TPI	T	4/25/2014		4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
F	83,84,86	TPI	T	4/25/2014		4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
G	86,87,88	TPI	T	4/25/2014		4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
H	86,88	83'E OF WEOS	WS	4/25/2014		4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
J	86,88	8'W OF EEOS	DF	4/25/2014	DS-33	4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
K	83,86	89'W OF EEOS	T	4/25/2014	DS-34	4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
M	69,71	37'W OF EEOS	T	4/25/2014		4/26	P	2X2	42	ST	CJ	4/26	FG	P	CJ
N	72,EX	11'N OF SEOS	T	4/25/2014	DX-1	4/26	P	2X2	72	AL	CJ	4/26	FG	P	CJ
P	93,94,96	TPI	T	5/7/2014		5/7	P	2X2	42	ST	CJ	5/8	FG	P	CJ
Q	87,89	31' from EEOS	DF	5/7/2014	DS-35	5/7	P	2x5	42	ST	CJ	5/8	FG	P	CJ
R	97,100	15' from EEOS	WS	5/7/2014		5/7	P	2X2	42	ST	CJ	5/8	FG	P	CJ
S	90,92	136'from EEOS	DF	5/7/2014	DS-36	5/7	P	2x5	42	ST	CJ	5/8	FG	P	CJ
T	91,94	9' from WEOS	DF	5/7/2014	DS-37	5/7	P	2x5	42	ST	CJ	5/8	FG	P	CJ
W	104,106	182' E OF WEOS	WS	5/7/2014		5/7	P	2X2	42	ST	CJ	5/8	FG	P	CJ
X	104,106	135' E of WEOS	DF	5/7/2014	DS-43	5/7	P	2x5	42	ST	CJ	5/8	FG	P	CJ
Y	101,104	108' E of WEOS	DF	5/7/2014	DS-42	5/7	P	2x5	42	ST	CJ	5/8	FG	P	CJ

DEFECTS TYPES

BO - BURNOUT

CO - CHANGE OF OVERLAP

CUT - CUT

D - DAMAGE

CR - CREASE

DF - FUSION DESTRUCTIVE

DX - EXTRUSION DESTRUCTIVE

ED - EQUIP. DAMAGE

EXT - PANEL EXTENTION

FM - FISHMOUTH

FS - FAILED SEAM

INT - INTERSECTION

IO - INSUFFICIENT OVERLAP

PT - PRESSURE TEST CUT

T - THREE PANEL INTERSECTION

VL - VACCUM LEAK

WR - WRINKLE

WS - WELDER RESTART

OTHER _____

OTHER _____

REPAIR TYPES

P - PATCH

C - CAP

RS - RECONSTRUCTED SEAM

G&W - GRIND AND WELD

PROJECT # 2014-101

PROJECT DESCRIPTION : JED Cell 10 Construction

PROJECT LOCATION : St. Cloud, Florida

LAYER:

PRIMARY

SECONDARY

X



**Brantley
Engineering, LLC**

OWNER: Omni Waste of Osceola County, LLC

ENGINEER: Geosyntec

INSTALLER: Comanco

PAGE#

10

DEFECT CODE	DEFECT LOCATION		DEFECT TYPE	DATE	REMARKS	REPAIR						VACUUM TEST			
	SEAM, PANEL OR DEFECT CODE	DEFECT LOCATION DESCRIPTION				DATE	TYPE	APPROX SIZE	MACH ID #	WELD TECH	QA MON.	DATE	TECH ID	P/F	QA MON.
A	88,90,EX	TPI	T	5/7/2014		5/7	P	2X2	72	ED	CJ	5/8	FG	P	CJ
B	90,91,EX	TPI	T	5/7/2014		5/7	P	2X2	72	ED	CJ	5/8	FG	P	CJ
C	91,94,EX	TPI	T	5/7/2014		5/7	P	2X2	72	ED	CJ	5/8	FG	P	CJ
D	94,95,EX	TPI	T	5/7/2014		5/7	P	2X2	72	ED	CJ	5/8	FG	P	CJ
F	95,98,EX	TPI	T	5/7/2014		5/7	P	2X2	72	ED	CJ	5/8	FG	P	CJ
G	98,99,EX	TPI	T	5/7/2014		5/7	P	2X2	72	ED	CJ	5/8	FG	P	CJ
H	91,92,90	TPI	T	5/7/2014		5/7	P	2X2	42	ST	CJ	5/8	FG	P	CJ
J	91,92,94	TPI	T	5/7/2014		5/7	P	2X2	42	ST	CJ	5/8	FG	P	CJ
K	95,96,94	TPI	T	5/7/2014		5/7	P	2X2	42	ST	CJ	5/8	FG	P	CJ
M	95,96,98	TPI	T	5/7/2014		5/7	P	2X2	42	ST	CJ	5/8	FG	P	CJ
N	99,100,98	TPI	T	5/7/2014		5/7	P	2X2	42	ST	CJ	5/8	FG	P	CJ
P	99,100,102	TPI	T	5/7/2014		5/7	P	2X2	42	ST	CJ	5/8	FG	P	CJ
Q	101,102,100	TPI	T	5/7/2014		5/7	P	2X2	42	ST	CJ	5/8	FG	P	CJ
R	101,102,104	TPI	T	5/7/2014		5/7	P	2X2	42	ST	CJ	5/8	FG	P	CJ
S	103,104,102	TPI	T	5/7/2014		5/7	P	2X2	42	ST	CJ	5/8	FG	P	CJ
T	89,90,88	TPI	T	5/7/2014		5/7	P	2X2	42	ST	CJ	5/8	FG	P	CJ
W	89,90,92	TPI	T	5/7/2014		5/7	P	2X2	42	ST	CJ	5/8	FG	P	CJ
X	88,87,89	TPI	T	5/7/2014		5/7	P	2X2	42	ST	CJ	5/8	FG	P	CJ
Y	93,94,92	TPI	T	5/7/2014		5/7	P	2X2	42	ST	CJ	5/8	FG	P	CJ

DEFECTS TYPES

BO - BURNOUT

CO - CHANGE OF OVERLAP

CUT - CUT

D - DAMAGE

CR - CREASE

DF - FUSION DESTRUCTIVE

DX - EXTRUSION DESTRUCTIVE

ED - EQUIP. DAMAGE

EXT - PANEL EXTENTION

FM - FISHMOUTH

FS - FAILED SEAM

INT - INTERSECTION

IO - INSUFFICIENT OVERLAP

PT - PRESSURE TEST CUT

T - THREE PANEL INTERSECTION

VL - VACCUM LEAK

WR - WRINKLE

WS - WELDER RESTART

OTHER _____

OTHER _____

REPAIR TYPES

P - PATCH

C - CAP

RS - RECONSTRUCTED SEAM

G&W - GRIND AND WELD

PROJECT # 2014-101

PROJECT DESCRIPTION : JED Cell 10 Construction

PROJECT LOCATION : St. Cloud, Florida

LAYER:

PRIMARY

SECONDARY

X



**Brantley
Engineering, LLC**

OWNER: Omni Waste of Osceola County, LLC

ENGINEER: Geosyntec

INSTALLER: Comanco

PAGE#

11

DEFECT CODE	DEFECT LOCATION		DEFECT TYPE	DATE	REMARKS	REPAIR						VACUUM TEST			
	SEAM, PANEL OR DEFECT CODE	DEFECT LOCATION DESCRIPTION				DATE	TYPE	APPROX SIZE	MACH ID #	WELD TECH	QA MON.	DATE	TECH ID	P/F	QA MON.
A	93, 96	84' W of EEOS	DF	5/7/2014	DF-38	5/7	P	2x5	42	ST	CJ	5/8	FG	P	CJ
B	96, 98	298' W of EEOS	DF	5/7/2014	DF-39	5/7	P	2x5	42	ST	CJ	5/8	FG	P	CJ
C	100, 101	136' W of EEOS	DF	5/7/2014	DF-41	5/7	P	2x5	42	ST	CJ	5/8	FG	P	CJ
D	98, 100	351' W of EEOS	DF	5/7/2014	DF-40	5/7	P	2x5	42	ST	CJ	5/8	FG	P	CJ
F	107, 108	8' W of EEOS	DF	5/8/2014	DF-44	5/8	P	2x5	42	ST	CJ	5/9	FG	P	CJ
G	108, 110	128' W of EEOS	DF	5/8/2014	DF-45	5/8	P	2x5	42	ST	CJ	5/9	FG	P	CJ
H	96,97,98	TPI	T	5/8/2014		5/8	P	2x2	42	ST	CJ	5/9	FG	P	CJ
J	97,98,100	TPI	T	5/8/2014		5/8	P	2x2	42	ST	CJ	5/9	FG	P	CJ
K	101,104,105	TPI	T	5/8/2014		5/8	P	2x2	42	ST	CJ	5/9	FG	P	CJ
M	104,105,106	TPI	T	5/8/2014		5/8	P	2x2	42	ST	CJ	5/9	FG	P	CJ
N	110,111,108	TPI	T	5/8/2014		5/8	P	2x2	42	ST	CJ	5/9	FG	P	CJ
P	108,109,110	TPI	T	5/8/2014		5/8	P	2x2	42	ST	CJ	5/9	FG	P	CJ
Q	108,109,107	TPI	T	5/8/2014		5/8	P	2x2	42	ST	CJ	5/9	FG	P	CJ
R	103,104,107	TPI	T	5/8/2014		5/8	P	2x2	42	ST	CJ	5/9	FG	P	CJ
S	103,104,102	TPI	T	5/8/2014		5/8	P	2x2	42	ST	CJ	5/9	FG	P	CJ
T	99,102,EX	TPI	T	5/8/2014		5/8	P	2X2	72	ED	CJ	5/9	FG	P	CJ
W	102,103,EX	TPI	T	5/8/2014		5/8	P	2X2	72	ED	CJ	5/9	FG	P	CJ
X	103,107,EX	TPI	T	5/8/2014		5/8	P	2X2	72	ED	CJ	5/9	FG	P	CJ
Y	107,109,EX	TPI	T	5/8/2014		5/8	P	2X2	72	ED	CJ	5/9	FG	P	CJ

DEFECTS TYPES

BO - BURNOUT

CO - CHANGE OF OVERLAP

CUT - CUT

D - DAMAGE

CR - CREASE

DF - FUSION DESTRUCTIVE

DX - EXTRUSION DESTRUCTIVE

ED - EQUIP. DAMAGE

EXT - PANEL EXTENTION

FM - FISHMOUTH

FS - FAILED SEAM

INT - INTERSECTION

IO - INSUFFICIENT OVERLAP

PT - PRESSURE TEST CUT

T - THREE PANEL INTERSECTION

VL - VACCUM LEAK

WR - WRINKLE

WS - WELDER RESTART

OTHER _____

OTHER _____

REPAIR TYPES

P - PATCH

C - CAP

RS - RECONSTRUCTED SEAM

G&W - GRIND AND WELD

PROJECT # 2014-101

PROJECT DESCRIPTION : JED Cell 10 Construction

PROJECT LOCATION : St. Cloud, Florida

LAYER:

PRIMARY

SECONDARY

X



**Brantley
Engineering, LLC**

OWNER: Omni Waste of Osceola County, LLC

ENGINEER: Geosyntec

INSTALLER: Comanco

PAGE#

12

DEFECT CODE	DEFECT LOCATION		DEFECT TYPE	DATE	REMARKS	REPAIR						VACUUM TEST			
	SEAM, PANEL OR DEFECT CODE	DEFECT LOCATION DESCRIPTION				DATE	TYPE	APPROX SIZE	MACH ID #	WELD TECH	QA MON.	DATE	TECH ID	P/F	QA MON.
A	109,110,EX	TPI	T	5/8/2014		5/8	P	2X2	72	ED	CJ	5/9	FG	P	CJ
B	106,107,108	TPI	T	5/8/2014		5/8	P	2x2	42	ST	CJ	5/9	FG	P	CJ
C	106,107,104	TPI	T	5/8/2014		5/8	P	2x2	42	ST	CJ	5/9	FG	P	CJ
D	103	2' W, 3' N OF SEC	D	5/8/2014		5/8	P	2x2	42	ST	CJ	5/9	FG	P	CJ
F	94	3'N , 40'E OF SWC	D	5/8/2014		5/8	P	2x2	42	ST	CJ	5/9	FG	P	CJ
G	103	2' W, 9' N OF SEC	D	5/8/2014		5/8	P	2x2	42	ST	CJ	5/9	FG	P	CJ
H	113,114	10'S OF NEOS	DF	5/9/2014	DS-46	5/9	P	2x5	42	ST	CJ	5/10	FG	P	CJ
J	112,113,114	TPI	T	5/9/2014		5/9	P	2x2	42	ST	CJ	5/10	FG	P	CJ
K	113,114,122	TPI	T	5/9/2014		5/9	P	2x2	42	ST	CJ	5/10	FG	P	CJ
M	110,EX	12'N OF SEOS	DX	5/9/2014	DX-2	5/9	P	2x5	72	ED	CJ	5/10	FG	P	CJ
N	110, 112,EX	TPI	T	5/9/2014		5/9	P	2X2	72	ED	CJ	5/10	FG	P	CJ
P	112,13,EX	TPI	T	5/9/2014		5/9	P	2X2	72	ED	CJ	5/10	FG	P	CJ
Q	117,118	17'N OF SEOS	DF	5/9/2014	DS-48	5/9	P	2x5	42	ST	CJ	5/10	FG	P	CJ
R	116,117	75'N OF SEOS	DF	5/9/2014	DS-47	5/9	P	2x5	42	ST	CJ	5/10	FG	P	CJ
S	113,115,116	TPI	T	5/9/2014		5/9	P	2x2	42	ST	CJ	5/10	FG	P	CJ
T	113,116,117	TPI	T	5/9/2014		5/9	P	2x2	42	ST	CJ	5/10	FG	P	CJ
W	113,117,118	TPI	T	5/9/2014		5/9	P	2x2	42	ST	CJ	5/10	FG	P	CJ
X	113,118,119	TPI	T	5/9/2014		5/9	P	2x2	42	ST	CJ	5/10	FG	P	CJ
Y	113,119,120	TPI	T	5/9/2014		5/9	P	2x2	42	ST	CJ	5/10	FG	P	CJ

DEFECTS TYPES

BO - BURNOUT

CO - CHANGE OF OVERLAP

CUT - CUT

D - DAMAGE

CR - CREASE

DF - FUSION DESTRUCTIVE

DX - EXTRUSION DESTRUCTIVE

ED - EQUIP. DAMAGE

EXT - PANEL EXTENTION

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INT - INTERSECTION

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VL - VACCUM LEAK

WR - WRINKLE

WS - WELDER RESTART

OTHER _____

OTHER _____

REPAIR TYPES

P - PATCH

C - CAP

RS - RECONSTRUCTED SEAM

G&W - GRIND AND WELD

PROJECT # 2014-101

PROJECT DESCRIPTION : JED Cell 10 Construction

PROJECT LOCATION : St. Cloud, Florida

LAYER:

PRIMARY

SECONDARY

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**Brantley
Engineering, LLC**

OWNER: Omni Waste of Osceola County, LLC

ENGINEER: Geosyntec

INSTALLER: Comanco

PAGE#

13

DEFECT CODE	DEFECT LOCATION		DEFECT TYPE	DATE	REMARKS	REPAIR						VACUUM TEST			
	SEAM, PANEL OR DEFECT CODE	DEFECT LOCATION DESCRIPTION				DATE	TYPE	APPROX SIZE	MACH ID #	WELD TECH	QA MON.	DATE	TECH ID	P/F	QA MON.
A	113,120,121	TPI	T	5/9/2014		5/9	P	2x5	42	ST	CJ	5/10	FG	P	CJ
B	113,121,122	TPI	T	5/9/2014		5/9	P	2x5	42	ST	CJ	5/10	FG	P	CJ
C	113,122,123	TPI	T	5/9/2014		5/9	P	2x5	42	ST	CJ	5/10	FG	P	CJ
D	113,123,124	TPI	T	5/9/2014		5/9	P	2x5	42	ST	CJ	5/10	FG	P	CJ
F	115,125	20' N OF SEOS	WS	5/9/2014		5/9	P	2x5	42	ST	CJ	5/10	FG	P	CJ
G	122,123	5' S OF NEOS	BO	5/9/2014		5/9	P	2x5	42	ST	CJ	5/10	FG	P	CJ
H	115	2'E 7'S OF NWC	D	5/9/2014		5/9	P	2x5	42	ST	CJ	5/10	FG	P	CJ
J	125,EX	45' N OF SEOS	DX	5/9/2014	DX 3	5/9	P	2x5	72	ED	CJ	5/10	FG	P	CJ
K	112, 113, 115	TPI	T	5/9/2014		5/9	P	2x5	42	ST	CJ	5/10	FG	P	CJ
M	131, 132	24'S OF NEOS	DF	5/10/2014	DF-51	5/10	P	2x5	42	ST	CJ	5/10	FG	P	CJ
N	126, 127	46'N OF SEOS	DF	5/10/2014	DF-49	5/10	P	2x5	72	ED	CJ	5/10	FG	P	CJ
P	130, 131	74'N OF SEOS	DF	5/10/2014	DF-50	5/10	P	2x5	72	ED	CJ	5/10	FG	P	CJ
Q	111, 139	36'W OF EEOS	DF	5/10/2014	DF-52	5/10	P	2x5	42	ST	CJ	5/10	FG	P	CJ
R	112, 126, 139	TPI	T	5/10/2014		5/10	P	2x12	72	ED	CJ	5/10	FG	P	CJ
S	126, 127, 139	TPI	T	5/10/2014		5/10	P	2x2	72	ED	CJ	5/10	FG	P	CJ
T	127, 128, 139	TPI	T	5/10/2014		5/10	P	2x2	42	ST	CJ	5/10	FG	P	CJ
W	128, 129, 139	TPI	T	5/10/2014		5/10	P	2x2	42	ST	CJ	5/10	FG	P	CJ
X	129, 130, 139	TPI	T	5/10/2014		5/10	P	2x2	42	ST	CJ	5/10	FG	P	CJ
Y	130, 131, 139	TPI	T	5/10/2014		5/10	P	2x2	42	ST	CJ	5/10	FG	P	CJ

DEFECTS TYPES

BO - BURNOUT

CO - CHANGE OF OVERLAP

CUT - CUT

D - DAMAGE

CR - CREASE

DF - FUSION DESTRUCTIVE

DX - EXTRUSION DESTRUCTIVE

ED - EQUIP. DAMAGE

EXT - PANEL EXTENTION

FM - FISHMOUTH

FS - FAILED SEAM

INT - INTERSECTION

IO - INSUFFICIENT OVERLAP

PT - PRESSURE TEST CUT

T - THREE PANEL INTERSECTION

VL - VACCUM LEAK

WR - WRINKLE

WS - WELDER RESTART

OTHER _____

OTHER _____

REPAIR TYPES

P - PATCH

C - CAP

RS - RECONSTRUCTED SEAM

G&W - GRIND AND WELD

PROJECT # 2014-101

PROJECT DESCRIPTION : JED Cell 10 Construction

PROJECT LOCATION : St. Cloud, Florida

LAYER:

PRIMARY

SECONDARY

X



**Brantley
Engineering, LLC**

OWNER: Omni Waste of Osceola County, LLC

ENGINEER: Geosyntec

INSTALLER: Comanco

PAGE#

14

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B	132, 133, 139	TPI	T	5/10/2014		5/10	P	2x2	42	ST	CJ	5/10	FG	P	CJ
C	133, 134, 139	TPI	T	5/10/2014		5/10	P	2x2	42	ST	CJ	5/10	FG	P	CJ
D	134, 135, 139	TPI	T	5/10/2014		5/10	P	2x2	42	ST	CJ	5/10	FG	P	CJ
F	135, 136, 139	TPI	T	5/10/2014		5/10	P	2x2	42	ST	CJ	5/10	FG	P	CJ
G	136, 139, 140	TPI	T	5/10/2014		5/10	P	2x2	72	ED	CJ	5/10	FG	P	CJ
H	136, 137, 140	TPI	T	5/10/2014		5/10	P	2x2	72	ED	CJ	5/10	FG	P	CJ
J	138, 141	10'W OF EEOS	DF	5/10/2014	DS-53	5/10	P	2x5	72	ED	CJ	5/10	FG	P	CJ
K	137, 140, 141	TPI	T	5/10/2014		5/10	P	2x2	72	ED	CJ	5/10	FG	P	CJ
M	137, 138, 141	TPI	T	5/10/2014		5/10	P	2x2	72	ED	CJ	5/10	FG	P	CJ
N	126, 127	70'S OF NEOS	Cut	5/10/2014		5/10	P	2x2	72	ED	CJ	5/10	FG	P	CJ
P	114, 124, 126	TPI	T	5/10/2014		5/10	P	2x2	72	ED	CJ	5/10	FG	P	CJ
Q	110, 112, 139	TPI	T	5/10/2014		5/10	P	2x2	72	ED	CJ	5/10	FG	P	CJ
R	110, 111, 139	TPI	T	5/10/2014		5/10	P	2x2	72	ED	CJ	5/10	FG	P	CJ
S															
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X															
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OTHER_B = Boot

OTHER _____

REPAIR TYPES

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C - CAP

RS - RECONSTRUCTED SEAM

G&W - GRIND AND WELD