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FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION Q.C. INSP. DATE	CUST. MATL. _____					
										HEAT No.	BILL OF MATERIAL						
											PIPE						
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL	
											1	2'-10"	6"	STD	PIPE ERW-BBE	A53 GR B	
											2	8'-4"	6"	STD	PIPE ERW-BBE	A53 GR B	
											TOT	11'-2"	6"				
											WELD FITTINGS						
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL	
											3	1	6"	STD	90 LR ELL BW	A234 GR WPB	
											TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING						
										PIECE MARK No.: 4-MT-252							
										REV. 0							
										JOB No./SEQ. No. 110009 42-008							

NOTE(S):

1) RECORD HEAT NUMBERS FOR EACH ITEM OF MATERIAL ON SPOOL DRAWING.

2) WELDER I.D. TO BE RECORDED.

3) MARK FLOW ARROW ON SPOOL.

DRAWN: BA

DATE: 2/1/11

1st. CHK.: TN

2nd. CHK.:

DIXIE MECHANICAL INC

TUSCALOOSA, ALABAMA

(205) 248-8888

[illegible]

FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION	CUST. MATL. _____					
											Q.C. INSP.	DATE					
											HEAT No.		BILL OF MATERIAL				
											PIPE						
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL	
											1	2'-10"	6"	STD	PIPE ERW-BBE	A53 GR B	
											2	8'-4"	6"	STD	PIPE ERW-BBE	A53 GR B	
											TOT	11'-2"	6"				
											WELD FITTINGS						
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL	
											3	1	6"	STD	90 LR ELL BW	A234 GR WPB	
											TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING						
											DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888						
											DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888						
											DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888						
											DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888						
											DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888						
											DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888						
											DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888						
											DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888						
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											DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888						
											DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888						
											DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888						
											DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888						
											DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888						

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[illegible]

[illegible]

[illegible]

FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION	CUST. MATL. _____							
											Q.C. INSP.	DATE							
3'-7" 1 BE 9'-1" 2 3 BE											HEAT No.		BILL OF MATERIAL						
											PIPE								
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL			
											1	2'-10"	6"	STD	PIPE ERW-BBE	A53 GR B			
											2	8'-4"	6"	STD	PIPE ERW-BBE	A53 GR B			
											TOT	11'-2"	6"						
											WELD FITTINGS								
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL			
											3	1	6"	STD	90 LR ELL BW	A234 GR WPB			
											TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING								
NOTE(S): 1) RECORD HEAT NUMBERS FOR EACH ITEM OF MATERIAL ON SPOOL DRAWING. 2) WELDER I.D. TO BE RECORDED. 3) MARK FLOW ARROW ON SPOOL.																			
11004																			
RT: -		PREHEAT: 50°F MIN.		FAB. CODE: B31.1		DATE ISSUED:		AREA.:		DUE DATE: -									
PT:		REQUIRED:		PIPE SPEC:-				PRIORITY: -											
MT:		INSPECTION: 100% VISUAL		PWHT:															
BHN:		PAINT: NONE		HYDRO: -		REF. DWG.: 4521-PLN-PRT-39-52-0008 R/2													
PMI:		COLOR CODE: -																	
						DRAWN: BA		DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888		BAR CODE		CLIENT: SUNDT CONSTRUCTION, INC.		P.O. No.: 161125-05		SQ. FT.:		WEIGHT:	
						DATE: 2/1/11						PROJECT:							
						1st. CHK.: TN													
						2nd. CHK.:													
NO.		REVISIONS				BY		CHK		DATE		PIECE MARK No.: 4-MT-252		REV. 0		110009		42-028	

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FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION Q.C. INSP. DATE	CUST. MATL. _____					
												BILL OF MATERIAL					
										HEAT No.	PIPE						
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL	
											1	2'-10"	6"	STD	PIPE ERW-BBE	A53 GR B	
											2	8'-4"	6"	STD	PIPE ERW-BBE	A53 GR B	
											TOT	11'-2"	6"				
											WELD FITTINGS						
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL	
											3	1	6"	STD	90 LR ELL BW	A234 GR WPB	
										TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING							
										CLIENT: SUNDT CONSTRUCTION, INC. PROJECT:							
										P.O. No.: 161125-05							
										SQ. FT.: WEIGHT:							
										JOB No./SEQ. No.							
										PIECE MARK No.: 4-MT-252							
										REV. 0							
										110009 42-034							

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FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION Q.C. INSP. DATE	CUST. MATL. _____				
												BILL OF MATERIAL				
										HEAT No.	PIPE					
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL
											1	2'-10"	6"	STD	PIPE ERW-BBE	A53 GR B
											2	8'-4"	6"	STD	PIPE ERW-BBE	A53 GR B
											TOT	11'-2"	6"			
											WELD FITTINGS					
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL
											3	1	6"	STD	90 LR ELL BW	A234 GR WPB
										TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING						
										CLIENT: SUNDT CONSTRUCTION, INC. PROJECT:						
										PIECE MARK No.: 4-MT-252						
										REV. 0						
										110009 42-036						

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FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION	CUST. MATL. _____						
											Q.C. INSP.	DATE						
3'-7" 1 BE 9'-1" 2 3 BE											HEAT No.		BILL OF MATERIAL					
											PIPE							
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL		
											1	2'-10"	6"	STD	PIPE ERW-BBE	A53 GR B		
											2	8'-4"	6"	STD	PIPE ERW-BBE	A53 GR B		
											TOT	11'-2"	6"					
											WELD FITTINGS							
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL		
											3	1	6"	STD	90 LR ELL BW	A234 GR WPB		
											TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING							
NOTE(S): 1) RECORD HEAT NUMBERS FOR EACH ITEM OF MATERIAL ON SPOOL DRAWING. 2) WELDER I.D. TO BE RECORDED. 3) MARK FLOW ARROW ON SPOOL.																		
11004																		
RT: -		PREHEAT: 50°F MIN.		FAB. CODE: B31.1		DATE ISSUED:		AREA.:		DUE DATE: -								
PT:		REQUIRED:		PIPE SPEC:-				PRIORITY: -										
MT:		INSPECTION: 100% VISUAL		PWHT:														
BHN:		PAINT: NONE		HYDRO: -		REF. DWG.: 4521-PLN-PRT-39-52-0008 R/2												
PMI:		COLOR CODE: -																
						DRAWN: BA		DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888										
						DATE: 2/1/11												
						1st. CHK.: TN												
						2nd. CHK.:												
NO.	REVISIONS			BY	CHK	DATE												
											BAR CODE		CLIENT: SUNDT CONSTRUCTION, INC. P.O. No.: 161125-05 SQ. FT.: WEIGHT:					
											PROJECT:		JOB No./SEQ. No.					
											PIECE MARK No.: 4-MT-252		REV. 0		110009 42-040			

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FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION		CUST. MATL. _____			
											Q.C. INSP.	DATE				
											HEAT No.		BILL OF MATERIAL			
													PIPE			
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL
											1	2'-10"	6"	STD	PIPE ERW-BBE	A53 GR B
											2	8'-4"	6"	STD	PIPE ERW-BBE	A53 GR B
											TOT	11'-2"	6"			
													WELD FITTINGS			
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL
											3	1	6"	STD	90 LR ELL BW	A234 GR WPB
											TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING					
											CLIENT: SUNDT CONSTRUCTION, INC.		P.O. No.: 161125-05		SQ. FT.:	WEIGHT:
											PROJECT:				JOB No./SEQ. No.	
											PIECE MARK No.: 4-MT-252		REV. 0		110009	42-047

NOTE(S):

1) RECORD HEAT NUMBERS FOR EACH ITEM OF MATERIAL ON SPOOL DRAWING.

2) WELDER I.D. TO BE RECORDED.

3) MARK FLOW ARROW ON SPOOL.

11004

RT: -	PREHEAT: 50°F MIN.	FAB. CODE: B31.1	DATE ISSUED:	AREA.:	DUE DATE: -
PT:	REQUIRED:	PIPE SPEC: -		PRIORITY: -	
MT:	INSPECTION: 100% VISUAL	PWHT:			
BHN:	PAINT: NONE	HYDRO: -	REF. DWG.: 4521-PLN-PRT-39-52-0008 R/2		
PMI:	COLOR CODE: -				
			DRAWN: BA	DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888	
			DATE: 2/1/11		
			1st. CHK.: TN		
			2nd. CHK.:		
NO.	REVISIONS		BY	CHK	DATE

BAR CODE

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[illegible]

FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION		CUST. MATL. _____			
											Q.C. INSP.	DATE				
											HEAT No.		BILL OF MATERIAL			
													PIPE			
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL
											1	2'-10"	6"	STD	PIPE ERW-BBE	A53 GR B
											2	8'-4"	6"	STD	PIPE ERW-BBE	A53 GR B
											TOT	11'-2"	6"			
													WELD FITTINGS			
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL
											3	1	6"	STD	90 LR ELL BW	A234 GR WPB
											TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING					
NOTE(S):											DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888					
1) RECORD HEAT NUMBERS FOR EACH ITEM OF MATERIAL ON SPOOL DRAWING.																
2) WELDER I.D. TO BE RECORDED.																
3) MARK FLOW ARROW ON SPOOL.																
11004																
RT: -																
PREHEAT: 50°F MIN.																
FAB. CODE: B31.1																
DATE ISSUED:																
AREA.:																
DUE DATE: -																
PT:																
REQUIRED:																
PIPE SPEC: -																
PRIORITY: -																
MT:																
INSPECTION: 100% VISUAL																
PWHT:																
BHN:																
PAINT: NONE																
HYDRO: -																
REF. DWG.: 4521-PLN-PRT-39-52-0008 R/2																
PMI:																
COLOR CODE: -																
DRAWN: BA																
DATE: 2/1/11																
1st. CHK.: TN																
2nd. CHK.:																
NO. REVISIONS																
BY CHK DATE																

3'-7"

9'-1"

1

2

3

BE

BE

CLIENT: SUNDT CONSTRUCTION, INC.

P.O. No.: 161125-05

SQ. FT.:

WEIGHT:

PROJECT:

PIECE MARK No.: 4-MT-252

REV. 0

JOB No./SEQ. No. 110009 42-063

FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION Q.C. INSP. DATE	CUST. MATL. _____				
												BILL OF MATERIAL				
										HEAT No.	PIPE					
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL
											1	2'-10"	6"	STD	PIPE ERW-BBE	A53 GR B
											2	8'-4"	6"	STD	PIPE ERW-BBE	A53 GR B
											TOT	11'-2"	6"			
											WELD FITTINGS					
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL
											3	1	6"	STD	90 LR ELL BW	A234 GR WPB
										TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING						
										CLIENT: SUNDT CONSTRUCTION, INC. PROJECT:						
										PIECE MARK No.: 4-MT-252						
										REV. 0						
										SQ. FT.: WEIGHT: JOB No./SEQ. No. 110009 42-064						

FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES																												
									VISUAL INSPECTION Q.C. INSP. DATE	CUST. MATL. _____ 																												
NOTE(S): 1) RECORD HEAT NUMBERS FOR EACH ITEM OF MATERIAL ON SPOOL DRAWING. 2) WELDER I.D. TO BE RECORDED. 3) MARK FLOW ARROW ON SPOOL.									BILL OF MATERIAL																													
									PIPE																													
									<table border="0"><thead><tr><th>MK</th><th>QTY</th><th>SIZE</th><th>SCHEDULE</th><th>DESCRIPTION</th><th>MATERIAL</th></tr></thead><tbody><tr><td>1</td><td>2'-10"</td><td>6"</td><td>STD</td><td>PIPE ERW-BBE</td><td>A53 GR B</td></tr><tr><td>2</td><td>8'-4"</td><td>6"</td><td>STD</td><td>PIPE ERW-BBE</td><td>A53 GR B</td></tr><tr><td>TOT</td><td>11'-2"</td><td>6"</td><td colspan="3"></td></tr></tbody></table>						MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL	1	2'-10"	6"	STD	PIPE ERW-BBE	A53 GR B	2	8'-4"	6"	STD	PIPE ERW-BBE	A53 GR B	TOT	11'-2"	6"			
									MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL																								
									1	2'-10"	6"	STD	PIPE ERW-BBE	A53 GR B																								
									2	8'-4"	6"	STD	PIPE ERW-BBE	A53 GR B																								
									TOT	11'-2"	6"																											
WELD FITTINGS																																						
<table border="0"><thead><tr><th>MK</th><th>QTY</th><th>SIZE</th><th>SCHEDULE</th><th>DESCRIPTION</th><th>MATERIAL</th></tr></thead><tbody><tr><td>3</td><td>1</td><td>6"</td><td>STD</td><td>90 LR ELL BW</td><td>A234 GR WPB</td></tr></tbody></table>						MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL	3	1	6"	STD	90 LR ELL BW	A234 GR WPB																					
MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL																																	
3	1	6"	STD	90 LR ELL BW	A234 GR WPB																																	
									TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING																													
									DUE DATE: ____																													
									BAR CODE																													
									CLIENT: SUNDT CONSTRUCTION, INC. PROJECT:																													
									PIECE MARK No.: 4-MT-252																													
									REV. 0																													
									SQ. FT.: WEIGHT: JOB No./SEQ. No. 110009 42-065																													
									NO. REVISIONS BY CHK DATE																													

FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION Q.C. INSP. DATE	CUST. MATL. _____						
												BILL OF MATERIAL						
										HEAT No.		PIPE						
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL		
											1	2'-10"	6"	STD	PIPE ERW-BBE	A53 GR B		
											2	8'-4"	6"	STD	PIPE ERW-BBE	A53 GR B		
											TOT	11'-2"	6"					
										WELD FITTINGS								
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL		
											3	1	6"	STD	90 LR ELL BW	A234 GR WPB		
										TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING								
										DIXIE MECHANICAL INC								
										TUSCALOOSA, ALABAMA								
										(205) 248-8888								
										BAR CODE								
										CLIENT: SUNDT CONSTRUCTION, INC.								
										P.O. No.: 161125-05								
										SQ. FT.: WEIGHT:								
										PROJECT:								
										JOB No./SEQ. No.								
										PIECE MARK No.: 4-MT-252								
										REV. 0								
										110009 42-066								

FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION Q.C. INSP. DATE		CUST. MATL. _____					
2 1 2 42'-10 1/16"											HEAT No.		BILL OF MATERIAL					
											PIPE							
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL		
											1	41'-4 1/16"	6"	STD	PIPE ERW-BBE	A53 GR B		
											WELD FITTINGS							
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL		
											2	2	6"	STD	90 LR ELL BW	A234 GR WPB		
NOTE(S): 1) RECORD HEAT NUMBERS FOR EACH ITEM OF MATERIAL ON SPOOL DRAWING. 2) WELDER I.D. TO BE RECORDED. 3) MARK FLOW ARROW ON SPOOL.											TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING CLIENT: SUNDT CONSTRUCTION, INC. P.O. No.: 161125-05 PROJECT: PIECE MARK No.: 4-MT-252-01 REV. 0 SQ. FT.: WEIGHT: JOB No./SEQ. No. 110009 42-067							
11004																		
RT: -		PREHEAT: 50°F MIN.		FAB. CODE: B31.1		DATE ISSUED:		AREA:		DUE DATE: -								
PT:		REQUIRED:		PIPE SPEC: -				PRIORITY: -										
MT:		INSPECTION: 100% VISUAL		PWHT:														
BHN:		PAINT: NONE		HYDRO: -		REF.DWG: 4521-PLN-PRT-39-52-0005,0008 R/2												
PMI:		COLOR CODE: -																
						DRAWN: BA		DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888		BAR CODE								
						DATE: 2/7/11												
						1st. CHK.: TN												
						2nd. CHK.:												
NO.	REVISIONS			BY	CHK	DATE												

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FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION Q.C. INSP. DATE		CUST. MATL. _____					
38'-10 9/16" 2 1 BE											HEAT No.		BILL OF MATERIAL					
											PIPE							
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL		
											1	38'-1 9/16"	6"	STD	PIPE ERW-BBE	A53 GR B		
											WELD FITTINGS							
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL		
											2	1	6"	STD	90 LR ELL BW	A234 GR WPB		
TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING																		
NOTE(S): 1) RECORD HEAT NUMBERS FOR EACH ITEM OF MATERIAL ON SPOOL DRAWING. 2) WELDER I.D. TO BE RECORDED. 3) MARK FLOW ARROW ON SPOOL.						DUE DATE: _____												
11004						BAR CODE												
RT: -		PREHEAT: 50°F MIN.		FAB. CODE: B31.1								DATE ISSUED:		AREA:				
PT:		REQUIRED:		PIPE SPEC:-										PRIORITY: -				
MT:		INSPECTION: 100% VISUAL		PWHT:														
BHN:		PAINT: NONE		HYDRO: -								REF.DWG: 4521-PLN-PRT-39-52-0005,0008 R/2						
PMI:		COLOR CODE: -																
												DRAWN: BA		DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888				
												DATE: 2/7/11						
												1st. CHK.: TN						
												2nd. CHK.:						
NO.	REVISIONS			BY	CHK	DATE				PIECE MARK No.: 4-MT-252-03		REV. 0		JOB No./SEQ. No. 110009 42-071				

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FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION	CUST. MATL. _____						
											Q.C. INSP.	DATE						
59'-4 3/4" 2 1 BE SHOP WELD											HEAT No.		BILL OF MATERIAL					
											PIPE							
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL		
											1	58'-7 3/4"	6"	STD	PIPE ERW-BBE	A53 GR B		
											WELD FITTINGS							
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL		
											2	1	6"	STD	90 LR ELL BW	A234 GR WPB		
NOTE(S):											TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING							
1) RECORD HEAT NUMBERS FOR EACH ITEM OF MATERIAL ON SPOOL DRAWING.																		
2) WELDER I.D. TO BE RECORDED.																		
3) MARK FLOW ARROW ON SPOOL.																		
11004																		
RT: -		PREHEAT: 50°F MIN.		FAB. CODE: B31.1		DATE ISSUED:		AREA:		DUE DATE: -								
PT:		REQUIRED:		PIPE SPEC:-				PRIORITY: -										
MT:		INSPECTION: 100% VISUAL		PWHT:														
BHN:		PAINT: NONE		HYDRO: -		REF.DWG: 4521-PLN-PRT-39-52-0005,0008 R/2												
PMI:		COLOR CODE: -																
						DRAWN: BA		DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888		BAR CODE								
						DATE: 2/7/11												
						1st. CHK.: TN												
						2nd. CHK.:												
NO.	REVISIONS			BY	CHK	DATE												
											CLIENT: SUNDT CONSTRUCTION, INC.		P.O. No.: 161125-05		SQ. FT.:		WEIGHT:	
											PROJECT:				JOB No./SEQ. No.			
											PIECE MARK No.: 4-MT-252-09		REV. 0		110009 42-082			

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FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION	CUST. MATL. _____					
											Q.C. INSP.	DATE					
											HEAT No.		BILL OF MATERIAL				
											PIPE						
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL	
											1	65'-2 3/16"	6"	STD	PIPE ERW-BBE	A53 GR B	
											WELD FITTINGS						
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL	
											2	1	6"	STD	90 LR ELL BW	A234 GR WPB	
											TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING						
											DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-252-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-252-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-252-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-252-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-252-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-252-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-252-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-252-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-252-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-252-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-252-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-252-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-252-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-252-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-252-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-252-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-252-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-252-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-252-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4						

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FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION	CUST. MATL. _____										
											Q.C. INSP.	DATE										
65'-0 5/8" 2 1 BE SHOP WELD NOTE(S): 1) RECORD HEAT NUMBERS FOR EACH ITEM OF MATERIAL ON SPOOL DRAWING. 2) WELDER I.D. TO BE RECORDED. 3) MARK FLOW ARROW ON SPOOL. 11004 RT: - PT: MT: BHN: PMI: PREHEAT: 50°F MIN. REQUIRED: INSPECTION: 100% VISUAL PAINT: NONE COLOR CODE: - FAB. CODE: B31.1 PIPE SPEC:- PWHT: HYDRO: - REF.DWG: 4521-PLN-PRT-39-52-0005,0008 R/2 DUE DATE: - DRAWN: BA DATE: 2/7/11 1st. CHK.: TN 2nd. CHK.: DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888											HEAT No.	BILL OF MATERIAL										
											PIPE											
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL						
											1	64'-3 5/8"	6"	STD	PIPE ERW-BBE	A53 GR B						
											WELD FITTINGS											
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL						
											2	1	6"	STD	90 LR ELL BW	A234 GR WPB						
											TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING											
											CLIENT: SUNDT CONSTRUCTION, INC. P.O. No.: 161125-05											
											PROJECT:											
											PIECE MARK No.: 4-MT-252-21											
REV. 0																						
SQ. FT.: WEIGHT:																						
JOB No./SEQ. No.																						
110009 42-107																						

FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION	CUST. MATL. _____						
											Q.C. INSP.	DATE						
64'-0 3/4" 2 1 BE SHOP WELD											HEAT No.		BILL OF MATERIAL					
											PIPE							
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL		
											1	63'-3 3/4"	6"	STD	PIPE ERW-BBE	A53 GR B		
											WELD FITTINGS							
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL		
											2	1	6"	STD	90 LR ELL BW	A234 GR WPB		
NOTE(S): 1) RECORD HEAT NUMBERS FOR EACH ITEM OF MATERIAL ON SPOOL DRAWING. 2) WELDER I.D. TO BE RECORDED. 3) MARK FLOW ARROW ON SPOOL.																		
11004											TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING							
RT: -		PREHEAT: 50°F MIN.		FAB. CODE: B31.1		DATE ISSUED:		AREA:		DUE DATE: -								
PT:		REQUIRED:		PIPE SPEC:				PRIORITY: -										
MT:		INSPECTION: 100% VISUAL		PWHT:														
BHN:		PAINT: NONE		HYDRO: -		REF.DWG: 4521-PLN-PRT-39-52-0005,0008 R/2												
PMI:		COLOR CODE: -																
						DRAWN: BA		DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888		BAR CODE								
						DATE: 2/7/11												
						1st. CHK.: TN												
						2nd. CHK.:												
NO.	REVISIONS			BY	CHK	DATE												
											CLIENT: SUNDT CONSTRUCTION, INC.		P.O. No.: 161125-05		SQ. FT.:		WEIGHT:	
											PROJECT:				JOB No./SEQ. No.			
											PIECE MARK No.: 4-MT-252-22		REV. 0		110009		42-108	

FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION Q.C. INSP. DATE		CUST. MATL. _____									
2 1 64'-0 3/4" BE SHOP WELD											HEAT No.		BILL OF MATERIAL									
											PIPE											
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL						
											1	63'-3 3/4"	6"	STD	PIPE ERW-BBE	A53 GR B						
											WELD FITTINGS											
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL						
											2	1	6"	STD	90 LR ELL BW	A234 GR WPB						
											TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING											
NOTE(S): 1) RECORD HEAT NUMBERS FOR EACH ITEM OF MATERIAL ON SPOOL DRAWING. 2) WELDER I.D. TO BE RECORDED. 3) MARK FLOW ARROW ON SPOOL.																						
11004																						
RT: -		PREHEAT: 50°F MIN.		FAB. CODE: B31.1		DATE ISSUED:		AREA:		DUE DATE: -												
PT:		REQUIRED:		PIPE SPEC:				PRIORITY: -														
MT:		INSPECTION: 100% VISUAL		PWHT:																		
BHN:		PAINT: NONE		HYDRO: -		REF.DWG: 4521-PLN-PRT-39-52-0005,0008 R/2																
PMI:		COLOR CODE: -																				
						DRAWN: BA		DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888														
						DATE: 2/7/11																
						1st. CHK.: TN																
						2nd. CHK.:																
NO.	REVISIONS			BY	CHK	DATE			BAR CODE		CLIENT: SUNDT CONSTRUCTION, INC. P.O. No.: 161125-05 SQ. FT.: WEIGHT:											
											PROJECT:											
											PIECE MARK No.: 4-MT-252-22 REV. 0 110009 42-109											

FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION Q.C. INSP. DATE	CUST. MATL. _____						
												BILL OF MATERIAL						
										HEAT No.		PIPE						
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL		
											1	62'-0 5/8"	6"	STD	PIPE ERW-BBE	A53 GR B		
										WELD FITTINGS								
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL		
											2	1	6"	STD	90 LR ELL BW	A234 GR WPB		
										TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING								
										DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888								
										CLIENT: SUNDT CONSTRUCTION, INC. PROJECT:								
										P.O. No.: 161125-05								
										SQ. FT.: WEIGHT:								
										JOB No./SEQ. No.								
										PIECE MARK No.: 4-MT-252-23								
										REV. 0								
										110009 42-110								

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FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION		CUST. MATL. _____					
											Q.C. INSP.	DATE						
2 57'-2 3/8" 1 BE SHOP WELD											HEAT No.		BILL OF MATERIAL					
											PIPE							
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL		
											1	56'-5 3/8"	6"	STD	PIPE ERW-BBE	A53 GR B		
											WELD FITTINGS							
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL		
											2	1	6"	STD	90 LR ELL BW	A234 GR WPB		
NOTE(S):											TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING							
1) RECORD HEAT NUMBERS FOR EACH ITEM OF MATERIAL ON SPOOL DRAWING.																		
2) WELDER I.D. TO BE RECORDED.																		
3) MARK FLOW ARROW ON SPOOL.																		
11004																		
RT: -		PREHEAT: 50°F MIN.		FAB. CODE: B31.1		DATE ISSUED:		AREA:		DUE DATE: -								
PT:		REQUIRED:		PIPE SPEC:-				PRIORITY: -										
MT:		INSPECTION: 100% VISUAL		PWHT:														
BHN:		PAINT: NONE		HYDRO: -		REF.DWG: 4521-PLN-PRT-39-52-0005,0008 R/2												
PMI:		COLOR CODE: -																
						DRAWN: BA		DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888		BAR CODE								
						DATE: 2/7/11												
						1st. CHK.: TN												
						2nd. CHK.:												
NO.	REVISIONS				BY	CHK	DATE											
CLIENT: SUNDT CONSTRUCTION, INC.											P.O. No.: 161125-05		SQ. FT.:		WEIGHT:			
PROJECT:													JOB No./SEQ. No.					
PIECE MARK No.: 4-MT-252-26											REV. 0		110009		42-116			

FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION Q.C. INSP. DATE		CUST. MATL. _____									
2 57'-2 3/8" 1 BE SHOP WELD											HEAT No.		BILL OF MATERIAL									
											PIPE											
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL						
											1	56'-5 3/8"	6"	STD	PIPE ERW-BBE	A53 GR B						
											WELD FITTINGS											
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL						
											2	1	6"	STD	90 LR ELL BW	A234 GR WPB						
											TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING											
NOTE(S): 1) RECORD HEAT NUMBERS FOR EACH ITEM OF MATERIAL ON SPOOL DRAWING. 2) WELDER I.D. TO BE RECORDED. 3) MARK FLOW ARROW ON SPOOL.											BAR CODE		PIECE MARK No.: 4-MT-252-26									
11004 RT: - PREHEAT: 50°F MIN. FAB. CODE: B31.1 DATE ISSUED: AREA: DUE DATE: - PT: REQUIRED: PIPE SPEC: - PRIORITY: - MT: INSPECTION: 100% VISUAL PWHT: BHN: PAINT: NONE HYDRO: - REF.DWG: 4521-PLN-PRT-39-52-0005,0008 R/2 PMI: COLOR CODE: -											CLIENT: SUNDT CONSTRUCTION, INC.		P.O. No.: 161125-05		SQ. FT.: WEIGHT:							
NO. REVISIONS BY CHK DATE											PROJECT:		JOB No./SEQ. No.									
DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888											REV. 0		110009 42-117									

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FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION		CUST. MATL. _____					
2 51'-7 5/16" BE 1 SHOP WELD											Q.C. INSP. DATE		BILL OF MATERIAL					
											HEAT No.		PIPE					
													MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL
													1	50'-10 5/16"	6"	STD	PIPE ERW-BBE	A53 GR B
													WELD FITTINGS					
													MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL
													2	1	6"	STD	90 LR ELL BW	A234 GR WPB
NOTE(S):													TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING					
1) RECORD HEAT NUMBERS FOR EACH ITEM OF MATERIAL ON SPOOL DRAWING.																		
2) WELDER I.D. TO BE RECORDED.																		
3) MARK FLOW ARROW ON SPOOL.																		
11004																		
RT: -		PREHEAT: 50°F MIN.		FAB. CODE: B31.1		DATE ISSUED:		AREA:		DUE DATE: -								
PT:		REQUIRED:		PIPE SPEC:-				PRIORITY: -										
MT:		INSPECTION: 100% VISUAL		PWHT:														
BHN:		PAINT: NONE		HYDRO: -		REF.DWG: 4521-PLN-PRT-39-52-0005,0008 R/2												
PMI:		COLOR CODE: -																
						DRAWN: BA		DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888		BAR CODE								
						DATE: 2/7/11												
						1st. CHK.: TN												
						2nd. CHK.:												
NO.	REVISIONS			BY	CHK	DATE												
CLIENT: SUNDT CONSTRUCTION, INC.											P.O. No.: 161125-05		SQ. FT.:		WEIGHT:			
PROJECT:													JOB No./SEQ. No.					
PIECE MARK No.: 4-MT-252-28											REV. 0		110009		42-120			

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FINAL CHECK	P.W.H.T.	M.T.	P.T.	R.T.	BHN(WELDS)	U.T.(BENDS)	BHN(BENDS)	OVALITY(BENDS)	PMI	FERRITES	VISUAL INSPECTION Q.C. INSP. DATE		CUST. MATL. _____									
38'-10 9/16" 2 1 BE											HEAT No.		BILL OF MATERIAL									
											PIPE											
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL						
											1	38'-1 9/16"	6"	STD	PIPE ERW-BBE	A53 GR B						
											WELD FITTINGS											
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL						
											2	1	6"	STD	90 LR ELL BW	A234 GR WPB						
											TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING											
NOTE(S): 1) RECORD HEAT NUMBERS FOR EACH ITEM OF MATERIAL ON SPOOL DRAWING. 2) WELDER I.D. TO BE RECORDED. 3) MARK FLOW ARROW ON SPOOL.											BAR CODE		PROJECT: _____									
11004 RT: - PREHEAT: 50°F MIN. FAB. CODE: B31.1 DATE ISSUED: AREA: DUE DATE: - PT: REQUIRED: PIPE SPEC: - PRIORITY: - MT: INSPECTION: 100% VISUAL PWHT: BHN: PAINT: NONE HYDRO: - REF.DWG: 4521-PLN-PRT-39-52-0005,0008 R/2 PMI: COLOR CODE: -											CLIENT: SUNDT CONSTRUCTION, INC. P.O. No.: 161125-05		SQ. FT.:	WEIGHT:								
DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888											PROJECT:		JOB No./SEQ. No.									
											PIECE MARK No.: 4-MT-252-31		REV. 0	110009 42-127								
											NO. REVISIONS		BY	CHK	DATE							
											DRAWN: BA DATE: 2/7/11 1st. CHK.: TN 2nd. CHK.:											

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