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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						
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																	

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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					
											CLIENT: SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-251 REV. 0 SQ. FT.: JOB No./SEQ. No. 110009 41-017						
											DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888						
											BAR CODE						

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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. _____								
BE 3'-7" 1 3 9'-1" 2 BE														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			
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-39-52-0008 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 PROJECT: PIECE MARK No.: 4-MT-251 REV. 0 SQ. FT.: WEIGHT: JOB No./SEQ. No. 110009 41-053									
						DATE: 2/1/11															
						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. _____						
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			
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.						DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888													
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							
												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:				JOB No./SEQ. No.			
												PIECE MARK No.: 4-MT-251-01		REV. 0		110009 41-067			

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. _____									
32'-7 3/8" 2 1 BE											HEAT No.		BILL OF MATERIAL									
											PIPE											
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL						
											1	31'-10 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-251-02									
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 41-069									

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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. _____							
51'-7 5/16" 2 1 BE 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): 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							
11004													PIECE MARK No.: 4-MT-251-06							
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: -																		
DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888											BAR CODE		CLIENT: SUNDT CONSTRUCTION, INC. P.O. No.: 161125-05 SQ. FT.: WEIGHT:							
NO. REVISIONS BY CHK DATE													PROJECT: JOB No./SEQ. No.							
													REV. 0 110009 41-076							

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. _____							
51'-7 5/16" 2 1 BE 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		
													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: JOB No./SEQ. No.							
											PIECE MARK No.: 4-MT-251-06 REV. 0		110009 41-077							

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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. _____							
59'-4 3/4" 2 1 BE SHOP WELD											Q.C. INSP.		DATE		BILL OF MATERIAL					
											HEAT No.		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		
		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.													DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888							
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: -																		
NO. REVISIONS											BY CHK DATE		PIECE MARK No.: 4-MT-251-09							
													REV. 0							
													110009 41-082							

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. _____									
59'-4 3/4" 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: - BAR CODE DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888											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						
											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-251-09																						
REV. 0																						
SQ. FT.: 110009																						
WEIGHT: 41-083																						

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						
61'-3" 2 1 BE SHOP WELD											HEAT No.		BILL OF MATERIAL					
											PIPE							
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL		
											1	60'-6"	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-251-10		REV. 0		110009		41-084	

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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	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					
62'-9 5/8" 2 1 BE SHOP WELD																					
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											BAR CODE										
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:			
						DRAWN: BA		DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888				PROJECT:				JOB No./SEQ. No.					
						DATE: 2/7/11						PIECE MARK No.:		REV.		4-MT-251-11		0		110009 41-086	
						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		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):											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-251-12		REV.		0		110009		41-088																	

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	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						
										CLIENT: SUNDT CONSTRUCTION, INC.						
										P.O. No.: 161125-05						
										SQ. FT.: WEIGHT:						
										PROJECT:						
										JOB No./SEQ. No.						
										PIECE MARK No.: 4-MT-251-12						
										REV. 0						
										110009 41-089						

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	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						
										SQ. FT.:						
										WEIGHT:						
										PROJECT:						
										JOB No./SEQ. No.						
										PIECE MARK No.:						
										REV.						
										4-MT-251-13						
										0						
										110009 41-090						

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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	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						
										CLIENT: SUNDT CONSTRUCTION, INC.						
										P.O. No.: 161125-05						
										SQ. FT.:						
										WEIGHT:						
										PROJECT:						
										JOB No./SEQ. No.						
										PIECE MARK No.:						
										REV.						
										4-MT-251-14						
										0						
										110009 41-092						

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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						
66'-6 1/2" 2 1 BE SHOP WELD											HEAT No.		BILL OF MATERIAL					
											PIPE							
											MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL		
											1	65'-9 1/2"	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-251-17		REV.		0		110009		41-098								

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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-251-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-251-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-251-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-251-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-251-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-251-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-251-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-251-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-251-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-251-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-251-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-251-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-251-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-251-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-251-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-251-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-251-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-251-20						
											SUNDT CONSTRUCTION, INC. PROJECT: PIECE MARK No.: 4-MT-251-20						
											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 Q.C. INSP. DATE	CUST. MATL. _____								
											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		SQ. FT.:	WEIGHT:			
											PROJECT:			JOB No./SEQ. No.						
											PIECE MARK No.: 4-MT-251-21			REV. 0		110009	41-107			
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: _____					BAR CODE				
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														
						DATE: 2/7/11														
						1st. CHK.: TN														
						2nd. CHK.:														
DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888																				
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. _____					
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		
TEYMA USA & ABENER ENGINEERING SOLANA SOLAR GENERATING FACILITY SALT TANK FOUNDATION COOLING PIPING																		
11004						BAR CODE		CLIENT: SUNDT CONSTRUCTION, INC. P.O. No.: 161125-05 PROJECT: SQ. FT.: WEIGHT:										
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					PIECE MARK No.: 4-MT-251-22		REV. 0		JOB No./SEQ. No. 110009 41-108			

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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. _____							
62'-9 5/8" 2 1 BE SHOP WELD											Q.C. INSP.		DATE		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																		
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.													DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888							
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: -																		
NO. REVISIONS											BY CHK DATE		PIECE MARK No.: 4-MT-251-23							
													REV. 0							
													110009 41-111							

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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. _____					
2 57'-2 3/8" 1 BE SHOP WELD												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): 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:																		
PIECE MARK No.: 4-MT-251-26 REV. 0 110009 41-117																		

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	53'-10 1/2"	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-251-27						
										REV. 0						
										JOB No./SEQ. No. 110009 41-118						

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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. _____							
51'-7 5/16" 2 1 BE 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		
		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.													DIXIE MECHANICAL INC TUSCALOOSA, ALABAMA (205) 248-8888							
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 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 PROJECT: PIECE MARK No.: 4-MT-251-28 REV. 0						SQ. FT.: WEIGHT: JOB No./SEQ. No. 110009 41-121	

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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 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):											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-251-33											REV. 0		110009		41-130			