



BUILDING	100, 900, 1000, a	nd 1	100				E	N NGIVEERII	G I M E E R I M NG SERVICES FOR THE BUILDING ENVE	G ELOPE
ROOF SQ FT	24,000									
ROOF CONSTRU	JCTION									
ROOF AGE	BUR 2003	<b></b>	0-5 YEARS		5-10 YEARS		10-15 YEARS	<b>4</b>	15+ YEARS	
DECK TYPE	METAL		PLYWOOD	<b></b>	PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE	<b></b>	ISO		FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	CLAY TILE	<b></b>	SINGLE PLY		BUR	<b>✓</b>	MOD BIT		TWO SYSTEMS	<b></b>
MEM SURFACE	COATING		MS CAP	<b></b>	GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET	<b>4</b>	HYPALON							
DRAINAGE	BUR JOSAM	<b></b>	SCUPPERS		T GUTTERS	<b>\</b>	T OVER EDGE	<b>√</b>		
SLOPE	NONE		1:12		2:12		TILE 3:12	<b>✓</b>	6:12	
ROOF CONDITIO	ON - RATINGS (1-1	0) ar	nd RECOMMENDA	OITA	NS					#
FIELD		RI	EPAIRS NEEDED						RATING	6
			RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING		TILE RATING	8
	CLEA	AR R	OOF OF DEBRIS		DE	ECK F	REPAIR NEEDED			
	DECK	REPA	AIR SUSPECTED		RESEAL/F	RPLA	CE FASTENERS			
		CF	RAZE CRACKING		E	BRIT	TLE MEMBRANE			
		EX	CESSIVE WEAR		В	ROK	EN TILES - 10-20			
PITCH/POND		RI	EPAIRS NEEDED						RATING	4
	F	ILL F	ONDING AREAS		FIX	( DE	CK DEFLECTION			
		,	SOME PONDING		Е	XCE	SSIVE PONDING	<b>\</b>		
										_
FLASHING			EPAIRS NEEDED						RATING	3
			EAL/REPAIR ALL				REPAIR SELECT		TILE RATING	8
			ECOAT AC DUCT				L/RECOAT WALL WALL FLASHING			
DRAINAGE	INLO		EPAIRS NEEDED		LOC	JUL	WALLTLASTIINO		RATING	4
	ADD/E		ANCE CRICKETS	<b>✓</b>	ADD/EN	1AHV	NCE OVERFLOW	<b>✓</b>		
			CLEAR DRAINS	$\checkmark$			ADD GUTTER			
	GUTT	ER F	REPAIR NEEDED		GUTTE	RCC	DATING NEEDED			
PENETRATION		RI	EPAIRS NEEDED						RATING	6
			EAL/REPAIR ALL				REPAIR SELECT			
		REP	LACE SKYLIGHT		RAISE HEIG	iHI V	VHEN POSSIBLE			
ADDITIONAL		Δ	ACTION NEEDED							
/ IDDITION/IL	IMPF		ROOF ACCESS		ADD	EXT	ERNAL LADDER			
	REMOV	E DE	AD EQUIPMENT							
MAINTENANCE	k	KEEF	DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN			
	SPOT RE	PAIR	UNTIL REROOF				TRIM TREES			
	CLEA	AR R	OOF OF DEBRIS				REPAIR NEEDED			
			IAT SUSPECTED				SUTTERS CLEAR	_		
LEAKS	<u> </u>	EVIDI	ENCE OF LEAKS		YES		NO	<b>V</b>		_
	ON - OVERALL SY	STE	RATING							
VERY POOR									T REPAIRS ONLY	
POOR					REPLACE OR (	COAT	Γ IN 1-2 YEARS - S			
FAIR									OAT IN 3-5 YEARS	
MARGINAL									AT IN 5-10 YEARS	
GOOD							REPLACE OR C	υAI	IN 10-15 YEARS	

EXCELLENT

THREE YEARS AT THE MOST LEFT IN LIFE WITH THIS ROOF. THE WALLS ARE IN MUCH WORSE SHAPE AND MAY ALLOW MOISTURE INTO THE SYSTEM.

ONLY IF ROOF IS LESS THAN 5 YEARS OLD

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$30,000.00
YEARLY PREVENTIVE MAINENANCE	\$1,500.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$360,000.00



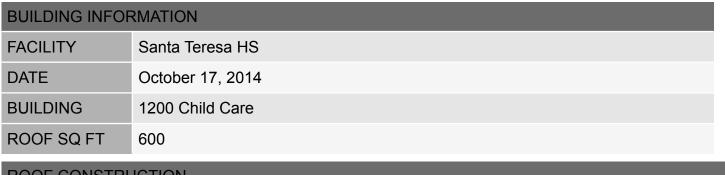


The photo below shows signs of excessive ponding.



The photo below shows the wall in need of repair and a coating.







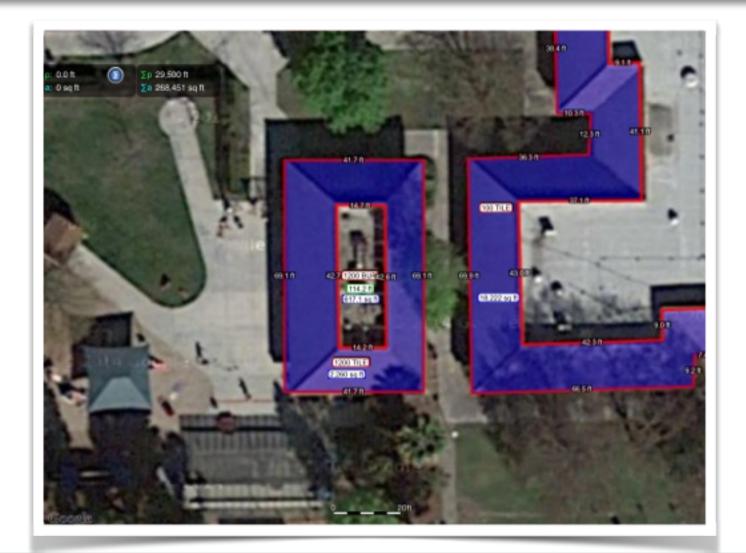
ROOF SQ FT	600							NGINEERII	IG SERVICES FOR THE BUILDING ENVE	LOPE
ROOF CONSTRU	JCTION		_		_		_		_	
ROOF AGE	2003	<b>✓</b>	0-5 YEARS		5-10 YEARS		10-15 YEARS	<b>✓</b>	15+ YEARS	
DECK TYPE	METAL		PLYWOOD	<b>~</b>	PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE	<b>~</b>	ISO		FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	CLAY TILE	<b>⋖</b>	SINGLE PLY		BUR	<b>⋖</b>	MOD BIT		TWO SYSTEMS	<b></b>
MEM SURFACE	COATING		MS CAP	<b>✓</b>	GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET	<b>⋖</b>	HYPALON							
DRAINAGE	BUR JOSAM	<b>✓</b>	SCUPPERS		T GUTTERS	<b>✓</b>	T OVER EDGE	<b>✓</b>		
SLOPE	NONE		1:12	<b>4</b>	2:12		TILE 3:12	<b>✓</b>	6:12	
ROOF CONDITIC	N - RATINGS (1-1	0) an	d RECOMMENDA	OITA	NS					#
FIELD	,		PAIRS NEEDED						RATING	4
			RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING		TILE RATING	7
	CLEA	AR RO	OOF OF DEBRIS		DE	CK F	REPAIR NEEDED			
			IR SUSPECTED		RESEAL/F	RPLA	CE FASTENERS			
		CR	AZE CRACKING				TLE MEMBRANE			
		EX	CESSIVE WEAR				EN TILES - 10-20			
PITCH/POND			PAIRS NEEDED				214 11220 10 20		RATING	4
	F		ONDING AREAS		FIX	( DE(	CK DEFLECTION			
		5	SOME PONDING	<b>⋖</b>	Е	XCE:	SSIVE PONDING			
FLASHING		RE	PAIRS NEEDED						RATING	3
		RESE	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT		TILE RATING	7
			COAT AC DUCT	_,			DAT BASEFLASH			
DDAINAGE	RESI		VALL FLASHING		WA	ALL V	VOOD REPLACE	<b>~</b>	DATINO	2
DRAINAGE	ΔDD/F		PAIRS NEEDED  NCE CRICKETS		ADD/EN	ЛΗΔΝ	NCE OVERFLOW		RATING	3
	ADDIL		CLEAR DRAINS		ADDILI	NI IZI	ADD GUTTER			
	GUTT		REPAIR NEEDED		GUTTE	R CC	DATING NEEDED			
PENETRATION		RE	PAIRS NEEDED						RATING	4
		RES	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			
		REPL	ACE SKYLIGHT		RAISE HEIG	HT V	VHEN POSSIBLE	$\checkmark$		
ADDITIONAL			CTION NEEDED							
			ROOF ACCESS	_	ADD	EXT	ERNAL LADDER			
MAINTENANCE			AD EQUIPMENT DRAINS CLEAN	_	KEED	\ <b>\</b> /\T	ERWAYS CLEAN			
WAINTLINANCE			UNTIL REROOF	_	NLLF	VVAI	TRIM TREES			
			OOF OF DEBRIS		ΗV	/AC F	REPAIR NEEDED			
			AT SUSPECTED		KE	EP G	UTTERS CLEAR			
LEAKS	E	VIDE	ENCE OF LEAKS		YES		NO	<b>~</b>		
ROOF CONDITIC	ON - OVERALL SYS	STEM	1 RATING							
VERY POOR					REPLACE OR C	OAT	IMMEDIATELY -	SPO <sup>-</sup>	T REPAIRS ONLY	
POOR					REPLACE OR (	COAT	IN 1-2 YEARS -	SPO	T REPAIRS ONLY	

# REPLACE OR COAT IMMEDIATELY - SPOT REPAIRS ONLY POOR REPLACE OR COAT IN 1-2 YEARS - SPOT REPAIRS ONLY FAIR REPLACE OR COAT IN 3-5 YEARS MARGINAL REPLACE OR COAT IN 5-10 YEARS GOOD REPLACE OR COAT IN 10-15 YEARS ONLY IF ROOF IS LESS THAN 5 YEARS OLD

### ADDITIONAL NOTES

THE ROOF IS IN FAIR CONDITION - THE WALLS AND WALL FLASHINGS ARE POOR. BUDGET TO REPLACE IN THREE YEARS MAXIMUM. WOULD BE TEMPTED TO ADD THIS TO ANOTHER LARGER ROOF PROJECT TO GET A GOOD PRICE.

	BUDGET ESTIMATES
\$0.00	IMMEDIATE REPAIRS AS RECOMMENDED
£ \$1,500.00	YEARLY PREVENTIVE MAINENANCE
\$0.00	ROOF RECOATING
T \$12,000.00	ROOF REPLACEMENT





The photo below shows the wall in need of repair and recoating.



The photo below shows heavy ponding.



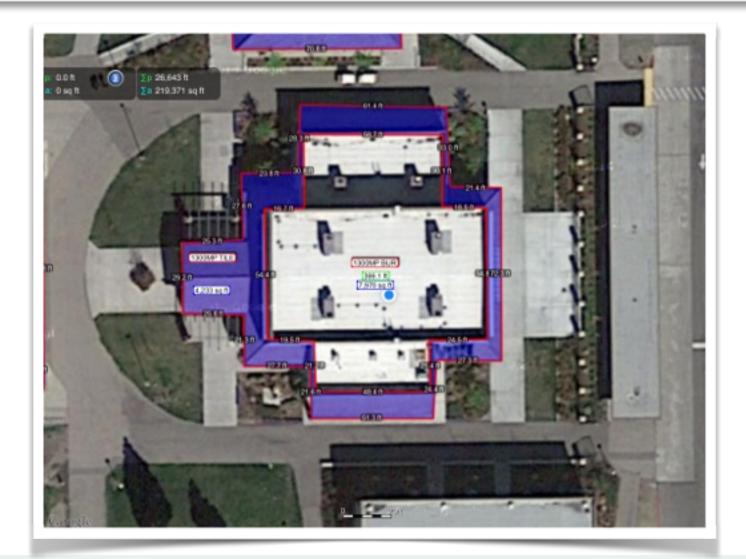




BOILDING	1300 Multipulpose						E	NGINEERIN	NG SERVICES FOR THE BUILDING ENVE	LOPE
ROOF SQ FT	8,000							_		
ROOF CONSTRU	JCTION									
ROOF AGE	BOTH 2011	<b>⋖</b>	0-5 YEARS		5-10 YEARS		10-15 YEARS		15+ YEARS	
DECK TYPE	METAL		PLYWOOD	<b>✓</b>	PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE	$\checkmark$	ISO		FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	CLAY TILE	<b>⋖</b>	SINGLE PLY		BUR	<b></b>	MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING	<b>⋖</b>	MS CAP	<b>✓</b>	GRAVEL		SMOOTH	<b>~</b>	GRANULE	
FLASHINGS	CAPSHEET	<b>⋖</b>	HYPALON							
DRAINAGE	BUR JOSAM	<b>⋖</b>	SCUPPERS		T GUTTERS	<b>✓</b>	T OVER EDGE	<b>~</b>		
SLOPE	NONE		1:12		2:12		TILE 3:12	<b>✓</b>	6:12	
ROOF CONDITIO	ON - RATINGS (1-1	0) and I	RECOMMENDA	OITA	NS	-		-		#
FIELD			AIRS NEEDED			-		-	RATING	7
TILLD			SEAL SEAMS		DEDAID D	пет	ERS or RIDGING		TILE RATING	
	01 = 1								TILL NATING	
			F OF DEBRIS				REPAIR NEEDED			
	DECK		SUSPECTED		RESEAL/F	RPLA	CE FASTENERS			
		CRAZ	E CRACKING		i i	3RIT	TLE MEMBRANE			
		EXCE	SSIVE WEAR		В	ROK	EN TILES - 10-20			
PITCH/POND		REPA	AIRS NEEDED						RATING	7
	F		IDING AREAS				CK DEFLECTION			
		SO	ME PONDING	<b>✓</b>	Е	XCE	SSIVE PONDING			
									5.170.10	
FLASHING			AIRS NEEDED		DEO				RATING	7
	RESEAL/REPAIR ALL RESEAL/RECOAT AC DUCT			RESEAL/REPAIR SELECT RESEAL/RECOAT WALL				TILE RATING	8	
			LL FLASHING				WALL FLASHING			
DRAINAGE	KEOL		AIRS NEEDED		LOC		WALLTLAGIIING		RATING	7
510 m v (32	ADD/E		CE CRICKETS		ADD/EI	1AHZ	NCE OVERFLOW		1011110	,
		CI	EAR DRAINS				ADD GUTTER			
	GUTT	ER REF	PAIR NEEDED		GUTTE	R CC	DATING NEEDED			
PENETRATION		REPA	AIRS NEEDED						RATING	7
		RESEA	L/REPAIR ALL		RES	EAL/	REPAIR SELECT			
		REPLA	CE SKYLIGHT		RAISE HEIG	HT V	VHEN POSSIBLE			
ADDITIONAL		ACT	TON NEEDED							
	IMPR	ROVE R	OOF ACCESS		ADD	EXT	ERNAL LADDER			
			EQUIPMENT	_,						
MAINTENANCE			RAINS CLEAN	<b>✓</b>	KEEP	WAT	ERWAYS CLEAN			
			NTIL REROOF				TRIM TREES			
			F OF DEBRIS				REPAIR NEEDED			
LEAKO			SUSPECTED				SUTTERS CLEAR			
LEAKS		_	CE OF LEAKS		YES		NO	•		
	ON - OVERALL SYS	STEM F	RATING							
VERY POOR									T REPAIRS ONLY	
POOR					REPLACE OR (	COAT			T REPAIRS ONLY	
FAIR									AT IN 3-5 YEARS	
MARGINAL									AT IN 5-10 YEARS	
GOOD									IN 10-15 YEARS	
EXCELLENT					C	NLY	IF ROOF IS LESS	THA	AN 5 YEARS OLD	

THE ROOF IS IN GREAT SHAPE.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$1,500.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$120,000.00





Another overview photo.



Another overview photo.







ROOF SQ FT	12,500							NGINEERIN	IG SERVICES FOR THE BUILDING ENVE	LOPE
ROOF CONSTRU	JCTION									
ROOF AGE	BUR 2013	<b>✓</b>	0-5 YEARS		5-10 YEARS		10-15 YEARS	<b>✓</b>	15+ YEARS	
DECK TYPE	METAL		PLYWOOD	<b>✓</b>	PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE	<b>√</b>	ISO		FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	CLAY TILE	<b>√</b>	SINGLE PLY		BUR	<b>✓</b>	MOD BIT		TWO SYSTEMS	<b>✓</b>
MEM SURFACE	COATING	<b>✓</b>	MS CAP	<b>✓</b>	GRAVEL		SMOOTH	<b>✓</b>	GRANULE	
FLASHINGS	CAPSHEET	<b>✓</b>	HYPALON							
DRAINAGE	BUR JOSAM	<b>√</b>	SCUPPERS		T GUTTERS	<b>√</b>	T OVER EDGE	<b>✓</b>		
SLOPE	NONE		1:12		2:12		TILE 3:12	$\checkmark$	6:12	
ROOF CONDITIO	DN - RATINGS (1-1	0) ar	nd RECOMMENDA	ATIOI	NS					#
FIELD	,		EPAIRS NEEDED					_	RATING	8
			RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING		TILE RATING	8
	CLEA	AR R	OOF OF DEBRIS		DE	CK I	REPAIR NEEDED			
			AIR SUSPECTED		RESEAL/F	RPL <i>A</i>	ACE FASTENERS			
		CF	RAZE CRACKING				TLE MEMBRANE			
		ΕX	(CESSIVE WEAR				EN TILES - 10-20			
PITCH/POND			EPAIRS NEEDED			· · ·	211 11220 10 20		RATING	7
	F		PONDING AREAS		FIX	(DE	CK DEFLECTION			
			SOME PONDING	<b>\</b>	E	XCE	SSIVE PONDING			
FLASHING		RI	EPAIRS NEEDED						RATING	8
		RES	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT		TILE RATING	8
			ECOAT AC DUCT				L/RECOAT WALL			
DDAINAGE	RESI		WALL FLASHING		LOC	)SE	WALL FLASHING		DATINO	7
DRAINAGE	ΔDD/F		EPAIRS NEEDED  ANCE CRICKETS		ADD/EN	ЛΗΔΙ	NCE OVERFLOW		RATING	7
	NOOTE	_1 11 1/	CLEAR DRAINS	<b>7</b>	/\DD/LI	<b>V</b> 1 17 VI	ADD GUTTER			
	GUTT	ER I	REPAIR NEEDED		GUTTE	R C	DATING NEEDED			
PENETRATION		RI	EPAIRS NEEDED						RATING	8
		RES	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			
		REP	LACE SKYLIGHT		RAISE HEIG	HT V	VHEN POSSIBLE			
ADDITIONAL	W 400		ACTION NEEDED		400	<b>-</b> \/-				
			E ROOF ACCESS EAD EQUIPMENT		ADD	EXI	FERNAL LADDER			
MAINTENANCE			P DRAINS CLEAN		KEEP	\/\AT	ERWAYS CLEAN			
W WY EI W WEE			UNTIL REROOF		TALL!	•••	TRIM TREES			
	CLEA	AR R	OOF OF DEBRIS		HV	AC I	REPAIR NEEDED			
	H	IAZN	MAT SUSPECTED		KE	EP G	SUTTERS CLEAR	$\checkmark$		
LEAKS	E	VID	ENCE OF LEAKS		YES		NO	<b>\</b>		
ROOF CONDITIO	ON - OVERALL SY	STEI	M RATING							
VERY POOR					REPLACE OR C	COAT	IMMEDIATELY -	SPO	TREPAIRS ONLY	
POOR					REPLACE OR (	COA	Γ IN 1-2 YEARS -	SPO	TREPAIRS ONLY	
FAIR							REPLACE O	R CO	AT IN 3-5 YEARS	
MARGINAL							REPLACE OR	COA	T IN 5-10 YEARS	

GOOD

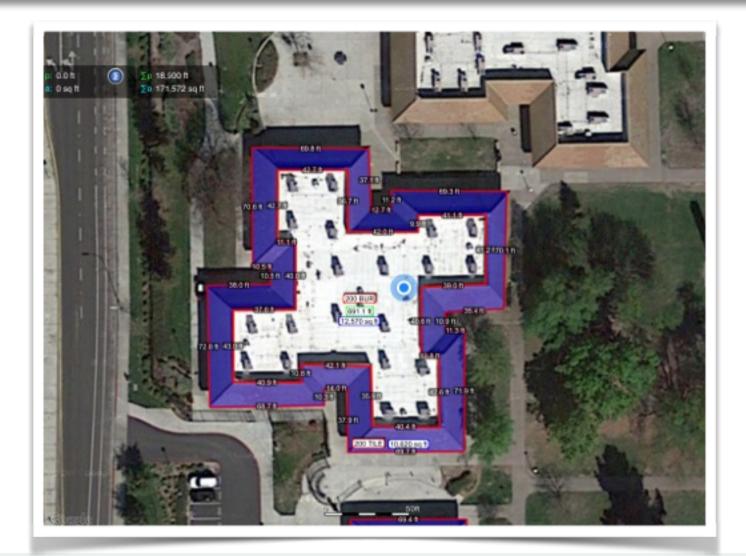
**EXCELLENT** 

THE ROOF IS BRAND NEW.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$1,500.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$187,500.00

REPLACE OR COAT IN 10-15 YEARS

ONLY IF ROOF IS LESS THAN 5 YEARS OLD

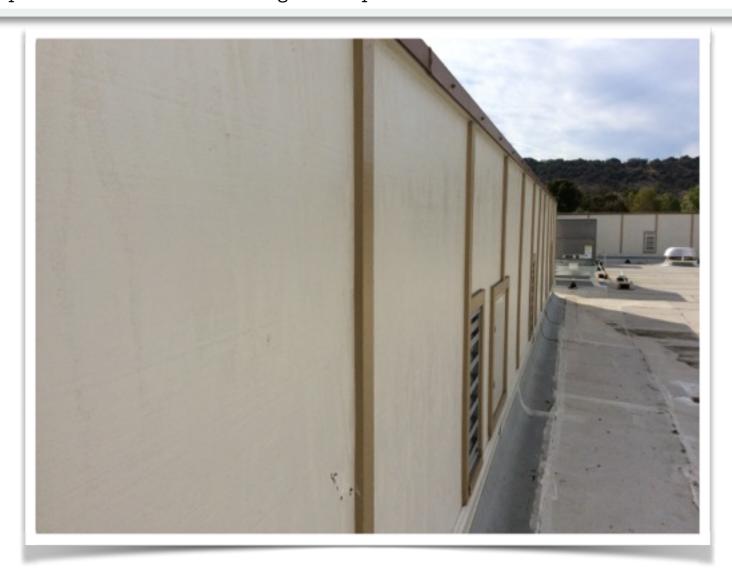




The photo below shows signs of ponding.



The photo below shows the wall in great shape.



BUILDING INFORMATION								
FACILITY	Santa Teresa HS							
DATE	October 17, 2014							
BUILDING	300							
ROOF SQ FT	12,500							
ROOF CONSTRUCTION								



DOOF OO FT	40.500							ENGINEERIN	NG SERVICES FOR THE BUILDING ENVE	LOPE
ROOF SQ FT	12,500							_		9
ROOF CONSTRU		_,								
ROOF AGE	BUR 2007		0-5 YEARS	_	5-10 YEARS		10-15 YEARS		15+ YEARS	
DECK TYPE	METAL		PLYWOOD		PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE		ISO		FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	CLAY TILE		SINGLE PLY		BUR		MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING	<b>✓</b>	MS CAP	<b>✓</b>	GRAVEL		SMOOTH	<b>⋖</b>	GRANULE	
FLASHINGS	CAPSHEET	<b>✓</b>	HYPALON							
DRAINAGE	BUR JOSAM	<b>✓</b>	SCUPPERS		T GUTTERS		T OVER EDGE	<b>✓</b>		
SLOPE	NONE		1:12		2:12		TILE 3:12		6:12	
ROOF CONDITIO	N - RATINGS (1-1	0) ar	nd RECOMMENDA	IOITA	NS					#
FIELD		RE	PAIRS NEEDED						RATING	8
			RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING		TILE RATING	8
	CLEA	AR R	OOF OF DEBRIS		DE	CK F	REPAIR NEEDED			
	DECK	REPA	AIR SUSPECTED		RESEAL/F	RPLA	CE FASTENERS			
		CF	AZE CRACKING		[	3RIT	TLE MEMBRANE			
		EX	CESSIVE WEAR				EN TILES - 10-20			
PITCH/POND			EPAIRS NEEDED		_				RATING	8
	F		ONDING AREAS		FIX	( DE	CK DEFLECTION			
		;	SOME PONDING		E	XCE	SSIVE PONDING			
FLASHING		RE	EPAIRS NEEDED	<b></b>					RATING	4
		RES	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT		TILE RATING	8
	RESEA	AL/RE	ECOAT AC DUCT		RE	SEA	L/RECOAT WALL	✓		
	RES	EAL \	WALL FLASHING	<b>✓</b>	WA	LL B	OARD REPLACE	<b>✓</b>		
DRAINAGE			EPAIRS NEEDED						RATING	7
	ADD/E	ENHA	NCE CRICKETS		ADD/EN	1AH/	NCE OVERFLOW			
	OUTT		CLEAR DRAINS		OUTTE	D 00	ADD GUTTER			
PENETRATION	GUII		REPAIR NEEDED		GUITE	RCC	DATING NEEDED		RATING	0
PENETRATION			EPAIRS NEEDED EAL/REPAIR ALL		DEQ	ΕΔΙ/	REPAIR SELECT		RATING	8
			LACE SKYLIGHT				VHEN POSSIBLE			
					10 1102 11210					
ADDITIONAL		Δ	CTION NEEDED							
	IMPF	ROVE	ROOF ACCESS		ADD	EXT	ERNAL LADDER			
	REMOV	E DE	AD EQUIPMENT							
MAINTENANCE	k	KEEP	DRAINS CLEAN	<b>\</b>	KEEP	WAT	ERWAYS CLEAN			
	SPOT RE	PAIR	UNTIL REROOF				TRIM TREES			
	CLEA	AR R	OOF OF DEBRIS				REPAIR NEEDED	_		
	H	IAZM	AT SUSPECTED		KE	EP G	UTTERS CLEAR			
LEAKS	E	EVIDE	ENCE OF LEAKS		YES		NC			
ROOF CONDITIO	N - OVERALL SY	STEN	RATING							
VERY POOR					REPLACE OR C	COAT	IMMEDIATELY -	SPO	T REPAIRS ONLY	
POOR					REPLACE OR (	COAT	IN 1-2 YEARS -	SPO	T REPAIRS ONLY	
FAIR							REPLACE O	R CO	AT IN 3-5 YEARS	

MARGINAL

**EXCELLENT** 

GOOD

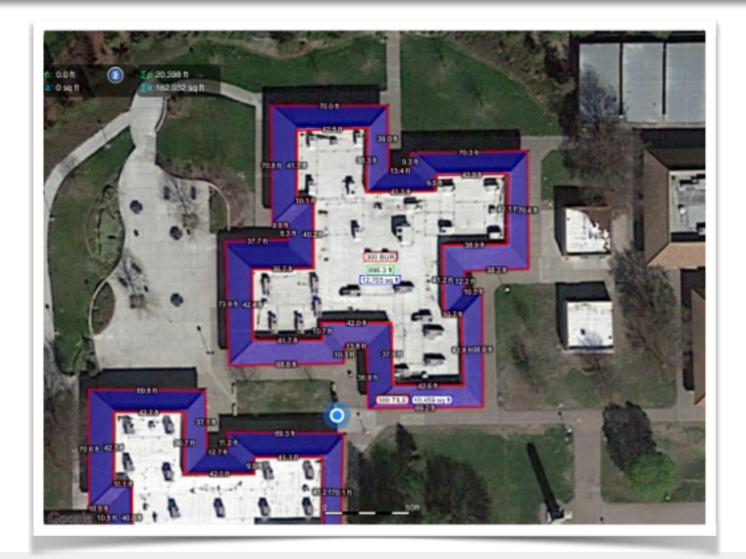
THE ROOF LOOKS GOOD. THE WALLS ARE IN BAD SHAPE. IF MOISTURE ENTERS THE SYSTEM THROUGH THE WALLS THE ROOF LIFE EXPECTANCY COULD BE REDUCED.

REPLACE OR COAT IN 5-10 YEARS

REPLACE OR COAT IN 10-15 YEARS

ONLY IF ROOF IS LESS THAN 5 YEARS OLD

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$15,000.00
YEARLY PREVENTIVE MAINENANCE	\$1,500.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$187,500.00





The photo below shows this roof draining well.



The photo below shows the wall in need of repair and coating.



BUILDING INFORMATION								
FACILITY	Santa Teresa HS							
DATE	October 17, 2014							
BUILDING	400 Main							
ROOF SQ FT	13,000							



ROOF SQ FT	13,000							NUNEERI	IS SERVICES FOR THE BUILDING ENVE	LOPE
ROOF CONSTRU	JCTION									
ROOF AGE	BUR 2000	<b>⋖</b>	0-5 YEARS		5-10 YEARS		10-15 YEARS	<b>✓</b>	15+ YEARS	
DECK TYPE	METAL		PLYWOOD	<b>\</b>	PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE		ISO	<b>4</b>	FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH	<b>✓</b>	3 INCH		4 INCH		TAPERED	
MEMBRANE	CLAY TILE	$\checkmark$	SINGLE PLY		BUR	<b></b>	MOD BIT		TWO SYSTEMS	<b></b>
MEM SURFACE	COATING	<b></b>	MS CAP	<b></b>	GRAVEL		SMOOTH	<b>⋖</b>	GRANULE	
FLASHINGS	CAPSHEET	<b>⋖</b>	HYPALON							
DRAINAGE	BUR JOSAM	<b>⋖</b>	SCUPPERS		T GUTTERS	<b>⋖</b>	T OVER EDGE	<b>✓</b>		
SLOPE	NONE		1:12		2:12		TILE 3:12	<b>⋖</b>	6:12	
ROOF CONDITIC	ON - RATINGS (1-1	0) ar	nd RECOMMENDA	OITA	NS					#
FIELD		RE	EPAIRS NEEDED						RATING	2
			RESEAL SEAMS		BLI	STE	RS and RIDGING	<b>✓</b>	TILE RATING	8
	CLEA	AR R	OOF OF DEBRIS		DE	CK F	REPAIR NEEDED			
	DECK I	REPA	AIR SUSPECTED		RESEAL/F	RPLA	CE FASTENERS			
		CF	RAZE CRACKING	<b>-</b>	E	3RIT	TLE MEMBRANE	<b>-</b>		
		EX	CESSIVE WEAR				EN TILES - 10-20			
PITCH/POND			EPAIRS NEEDED						RATING	3
	F		ONDING AREAS		FIX DECK DEFLECTION			<b>✓</b>		
		;	SOME PONDING		EXCESSIVE PONDING			<b>⋖</b>		
FLASHING	REPAIRS NEEDED								RATING	3
		RES	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT		TILE RATING	8
	RESEA	AL/RE	ECOAT AC DUCT		RESEAL/RECOAT WALL			_,		
	RESI		WALL FLASHING	<b>✓</b>	WA	LL B	OARD REPLACE	<b>✓</b>		
DRAINAGE	A D D /F		EPAIRS NEEDED		A DD/EA		IOE OVEDELOW		RATING	4
	ADD/E	=NHA	ANCE CRICKETS  CLEAR DRAINS	<b>✓</b>	ADD/EI	NHAI	ADD GUTTER	<b>✓</b>		
	GUTT	FR F	REPAIR NEEDED		GUTTE	R CC	DATING NEEDED			
PENETRATION	0011		EPAIRS NEEDED		30112		THE NEEDED		RATING	3
		RES	EAL/REPAIR ALL		RESEAL/REPAIR SELECT					
		REP	LACE SKYLIGHT		RAISE HEIGHT WHEN POSSIBLE					
ADDITIONAL		A	ACTION NEEDED							
			ROOF ACCESS				ERNAL LADDER			
			AD EQUIPMENT	_			HATCH NEEDED	<b>V</b>		
MAINTENANCE			DRAINS CLEAN	<b>✓</b>	KEEP	WAT	ERWAYS CLEAN			
			UNTIL REROOF OOF OF DEBRIS		ЫV	/A C F	TRIM TREES REPAIR NEEDED			
			IAT SUSPECTED				SUTTERS CLEAR	<b>7</b>		
LEAKS			ENCE OF LEAKS	<b>V</b>	YES		NO NO			
ROOF CONDITIO	ON - OVERALL SY	STEN	M RATING							
VERY POOR	. OTELOTE OT				REPLACE OR C	COAT	IMMEDIATELY - S	SPO	T REPAIRS ONLY	<b>I</b>
POOR							Γ IN 1-2 YEARS - \$			
FAIR							_		AT IN 3-5 YEARS	
MARGINAL										
				REPLACE OR COAT IN 5-10 YEARS						

GOOD

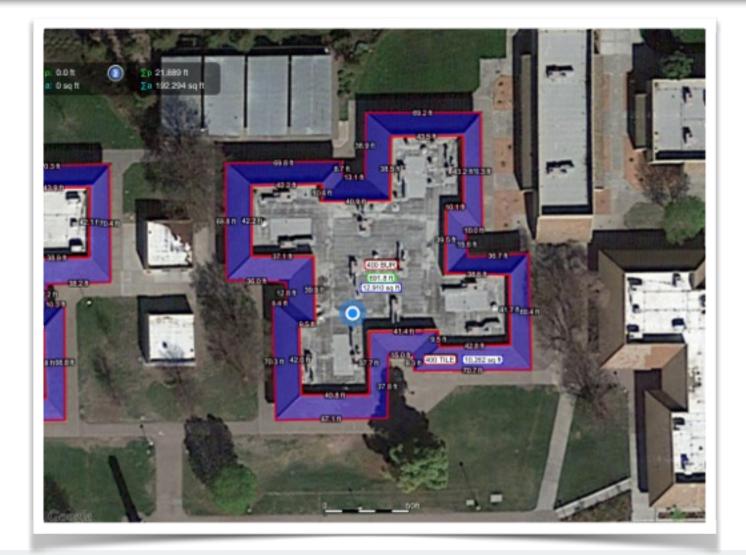
**EXCELLENT** 

REPLACE AS SOON AS POSSIBLE - OPEN HOLES IN THIS ROOF.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$1,500.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$195,000.00

REPLACE OR COAT IN 10-15 YEARS

ONLY IF ROOF IS LESS THAN 5 YEARS OLD





The photo below shows the excessive wear - open hole - of the membrane.



The photo below shows the wall in need of repair and coating.



BUILDING INFORMATION									
FACILITY	Santa Teresa HS								
DATE	October 17, 2014								
BUILDING	400 Small								
ROOF SQ FT	3,300								



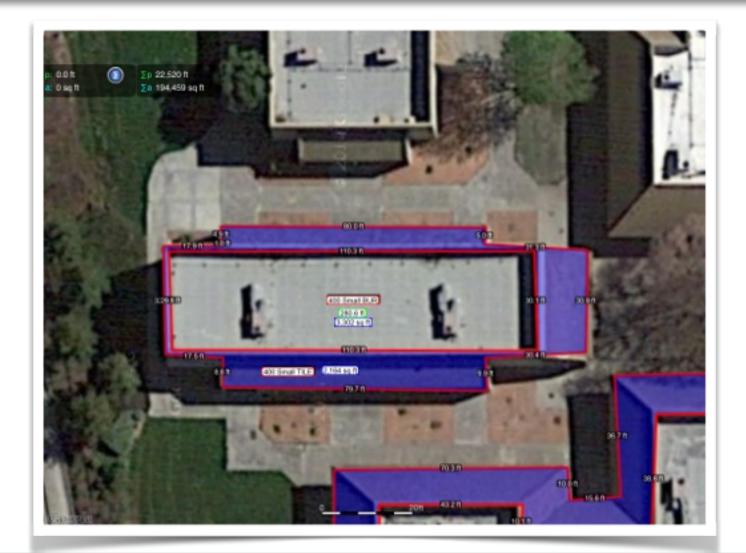
BUILDING	400 Small							E N ENGINEERI	G I N E E R I N NG SERVICES FOR THE BUILDING ENVI	G
ROOF SQ FT	3,300							LHUINEERI	to delines for the building this	LOVE
ROOF CONSTRU	JCTION									
ROOF AGE	BUR 2000	<b>✓</b>	0-5 YEARS		5-10 YEARS		10-15 YEARS	<b>~</b>	15+ YEARS	
DECK TYPE	METAL		PLYWOOD	<b>✓</b>	PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE	<b>\</b>	ISO		FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	CLAY TILE	<b>\</b>	SINGLE PLY		BUR	<b></b>	MOD BIT		TWO SYSTEMS	<b>✓</b>
MEM SURFACE	COATING		MS CAP	<b>✓</b>	GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET	<b></b>	HYPALON							
DRAINAGE	BUR JOSAM	<b>✓</b>	SCUPPERS		T GUTTERS	<b></b>	T OVER EDGE	<b>✓</b>		
SLOPE	NONE		1:12		2:12		TILE 3:12	<b>✓</b>	6:12	
ROOF CONDITIO	ON - RATINGS (1-1	0) ar	nd RECOMMENDA	OITA	NS					#
FIELD	,		EPAIRS NEEDED						RATING	4
			RESEAL SEAMS				LIGHT RIDGING	<b>~</b>	TILE RATING	8
	CLEA		OOF OF DEBRIS		DE	CK F	REPAIR NEEDED			
			AIR SUSPECTED				CE FASTENERS			
	22011		RAZE CRACKING		_		TLE MEMBRANE			
			CESSIVE WEAR				EN TILES - 10-20			
PITCH/POND			EPAIRS NEEDED		В	RUK	EN 11LES - 10-20		RATING	3
FITCH/FOND	F		ONDING AREAS		FIX DECK DEFLECTION				RATING	J
			SOME PONDING		EXCESSIVE PONDING					
FLASHING		RE	EPAIRS NEEDED	<b>\</b>					RATING	4
		RES	EAL/REPAIR ALL		RESEAL/REPAIR SELECT				TILE RATING	8
	RESEA	AL/RE	ECOAT AC DUCT	<b>⋖</b>	RESEAL/RECOAT WALL					
	RES	EAL \	WALL FLASHING	<b>✓</b>	WA	LL B	OARD REPLACE	<b>✓</b>		
DRAINAGE			EPAIRS NEEDED						RATING	4
	ADD/E	ENHA	NCE CRICKETS		ADD/ENHANCE OVERFLOW					
	CUTT		CLEAR DRAINS		OUTTE	D 00	ADD GUTTER			
PENETRATION	GUII		REPAIR NEEDED EPAIRS NEEDED		GUITE	K CC	DATING NEEDED		RATING	4
ILILITATION			EAL/REPAIR ALL		RES	FAI/	REPAIR SELECT		IVATINO	7
		_	LACE SKYLIGHT				VHEN POSSIBLE			
ADDITIONAL		Д	CTION NEEDED							
	IMPF	ROVE	ROOF ACCESS		ADD	EXT	ERNAL LADDER			
	REMOV	E DE	AD EQUIPMENT		N	1EW	HATCH NEEDED			
MAINTENANCE	k	KEEP	DRAINS CLEAN	<b>✓</b>	KEEP	WAT	ERWAYS CLEAN			
			UNTIL REROOF				TRIM TREES			
			OOF OF DEBRIS				REPAIR NEEDED	_		
LEAKS			AT SUSPECTED			EPG	SUTTERS CLEAR			
LEAKS			ENCE OF LEAKS		YES		INC	<b>✓</b>		
	ON - OVERALL SY	STEN	A RATING		DEDI ACE CO	)		000		
VERY POOR									T REPAIRS ONLY	
POOR					KEPLACE OR (	JUAI			T REPAIRS ONLY	
FAIR									AT IN 3-5 YEARS	
MARGINAL									T IN 5-10 YEARS	
GOOD						NII V	REPLACE OR		IN 10-15 YEARS	

EXCELLENT

ROOF IS AGING WELL - PROBABLY DUE TO GOOD DRAINAGE AND THE HIGH WALLS. BUDGET TO REPLACE IN 3-5 YEARS.

ONLY IF ROOF IS LESS THAN 5 YEARS OLD

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$5,000.00
YEARLY PREVENTIVE MAINENANCE	\$1,500.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$49,500.00





The photo below shows the AC ducts in need of a reseal and recoating.



The photo below shows the wall in need of repair and coating.



BUILDING INFORMATION									
FACILITY	Santa Teresa HS								
DATE	October 17, 2014								
BUILDING	500 Main								
ROOF SQ FT	12,500								
ROOF CONSTRUCTION									



BUILDING	500 Main			E N G I N E E R I N Engineering Services for the Bulloing En						
ROOF SQ FT	12,500							_		
ROOF CONSTRU	JCTION									
ROOF AGE	BUR 2007	<b>⋖</b>	0-5 YEARS		5-10 YEARS		10-15 YEARS	<b>⋖</b>	15+ YEARS	
DECK TYPE	METAL		PLYWOOD	<b>⋖</b>	PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE	<b></b>	ISO		FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	CLAY TILE	<b>V</b>	SINGLE PLY		BUR	<b>~</b>	MOD BIT		TWO SYSTEMS	<b>~</b>
MEM SURFACE	COATING	<b>✓</b>	MS CAP	<b>✓</b>	GRAVEL		SMOOTH	<b>✓</b>	GRANULE	
FLASHINGS	CAPSHEET	<b>~</b>	HYPALON							
DRAINAGE	BUR JOSAM	<b>✓</b>	SCUPPERS		T GUTTERS	<b>✓</b>	T OVER EDGE	<b>✓</b>		
SLOPE	NONE		1:12		2:12		TILE 3:12	<b>V</b>	6:12	
ROOF CONDITIO	ON - RATINGS (1-1	0) ar	nd RECOMMENDA	1OITA	NS					#
FIELD			EPAIRS NEEDED						RATING	7
			RESEAL SEAMS		REPAIR R	LIST	ERS or RIDGING		TILE RATING	8
	CI E/		OOF OF DEBRIS				REPAIR NEEDED			
			AIR SUSPECTED				ACE FASTENERS			
	DEOR									
			RAZE CRACKING				TLE MEMBRANE			
DITOLUDOND			CESSIVE WEAR		В	ROK		DATINO		
PITCH/POND	_		EPAIRS NEEDED		ΓIX	/ DE/	CK DEFLECTION		RATING	6
	F		ONDING AREAS SOME PONDING							
		•	SOIVIL FONDING		_	XCL.	SSIVE PONDING			
FLASHING		RF	EPAIRS NEEDED						RATING	5
			EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT		TILE RATING	8
	RESEA	AL/RE	ECOAT AC DUCT		RE	SEA	L/RECOAT WALL	<b>✓</b>		
	RESI	EAL \	WALL FLASHING	<b>✓</b>	REP	'AIR	WALL FLASHING	<b>√</b>		
DRAINAGE		RE	EPAIRS NEEDED						RATING	7
	ADD/E	ENHA	ANCE CRICKETS		ADD/EN	1AH	NCE OVERFLOW			
			CLEAR DRAINS				ADD GUTTER			
	GUTT	ER F	REPAIR NEEDED		GUTTE	R CC	DATING NEEDED			
PENETRATION			EPAIRS NEEDED						RATING	7
			EAL/REPAIR ALL		RESEAL/REPAIR SELECT					
		REP	LACE SKYLIGHT		RAISE HEIG	HIV				
ADDITIONAL		Δ	CTION NEEDED							
ADDITIONAL	IMPR		ROOF ACCESS		ADD	EXT	ERNAL LADDER			
			AD EQUIPMENT							
MAINTENANCE	k	KEEP	DRAINS CLEAN	<b>✓</b>	KEEP	WAT	ERWAYS CLEAN			
	SPOT RE	PAIR	UNTIL REROOF				TRIM TREES			
	CLEA	AR R	OOF OF DEBRIS		HV	/AC F	REPAIR NEEDED			
	F	IAZIV	IAT SUSPECTED		KE	EP G	SUTTERS CLEAR	<b>✓</b>		
LEAKS	E	EVIDI	ENCE OF LEAKS	<b>\</b>	YES		NO			
ROOF CONDITIO	ON - OVERALL SY	STEN	M RATING							
VERY POOR					REPLACE OR C	COAT	IMMEDIATELY - S	SPOT	Γ REPAIRS ONLY	
POOR					REPLACE OR (	COAT	Γ IN 1-2 YEARS - S	SPOT	REPAIRS ONLY	
FAIR							REPLACE OF	R CO	AT IN 3-5 YEARS	
MARGINAL							REPLACE OR	COA	T IN 5-10 YEARS	
COOD							DEDLACE OF C	CAT	IN 10 15 VEADS	

GOOD

**EXCELLENT** 

THE ROOF LOOKS FAIR. THE WALLS ARE IN BAD SHAPE. IF MOISTURE ENTERS THE SYSTEM THROUGH THE WALLS THE ROOF LIFE EXPECTANCY COULD BE REDUCED.

REPLACE OR COAT IN 10-15 YEARS

ONLY IF ROOF IS LESS THAN 5 YEARS OLD

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$10,000.00
YEARLY PREVENTIVE MAINENANCE	\$1,500.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$187,500.00





The photo below shows that there is a ponding problem at this roof.



The photo below shows the wall flashing in need of repair.



BUILDING INFORMATION									
FACILITY	Santa Teresa HS								
DATE	October 17, 2014								
BUILDING	500 Small								
ROOF SQ FT	5,800								
DOOF CONSTRUCTION									



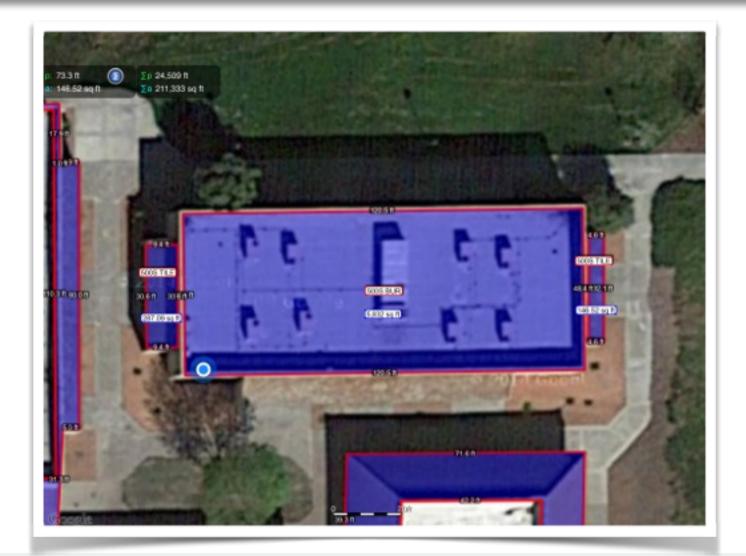
BOILDING	ooo oman							ENGINEERIN	NG SERVICES FOR THE BUILDING ENVE	LOPE	
ROOF SQ FT	5,800							_			
ROOF CONSTRU	JCTION										
ROOF AGE	BUR 1994	<b>✓</b>	0-5 YEARS		5-10 YEARS		10-15 YEARS	<b>✓</b>	15+ YEARS		
DECK TYPE	METAL		PLYWOOD	<b></b>	PLANK		CONCRETE		LW CONCRETE		
INSULATION	NONE	<b>✓</b>	ISO		FIBER		PERLITE		STYRO		
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED		
MEMBRANE	CLAY TILE	<b>⋖</b>	SINGLE PLY		BUR	<b></b>	MOD BIT		TWO SYSTEMS	<b></b>	
MEM SURFACE	COATING		MS CAP	<b>✓</b>	GRAVEL		SMOOTH		GRANULE		
FLASHINGS	CAPSHEET	<b>⋖</b>	HYPALON								
DRAINAGE	BUR JOSAM	<b>√</b>	SCUPPERS		T GUTTERS	$\checkmark$	T OVER EDGE	$\checkmark$			
SLOPE	NONE		1:12		2:12		TILE 3:12	$\checkmark$	6:12		
ROOF CONDITIO	ON - RATINGS (1-1	0) an	d RECOMMENDA	OITA	NS					#	
FIELD		RE	PAIRS NEEDED						RATING	4	
			RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING		TILE RATING	8	
	CLEA	AR RO	OOF OF DEBRIS		DE	CK F	REPAIR NEEDED				
	DECK	REPA	IR SUSPECTED		RESEAL/F	RPLA	CE FASTENERS				
		CR	AZE CRACKING				TLE MEMBRANE	_			
		EX	CESSIVE WEAR				EN TILES - 10-20				
PITCH/POND			PAIRS NEEDED				217 11220 10 20		RATING	6	
	F		ONDING AREAS		FIX DECK DEFLECTION				7 0 11 11 0		
		5	SOME PONDING	<b>✓</b>	E	XCE	SSIVE PONDING				
FLASHING		RE	PAIRS NEEDED	<b>4</b>					RATING	5	
		RESI	EAL/REPAIR ALL		RESEAL/REPAIR SELECT RESEAL/RECOAT WALL				TILE RATING	8	
	RESEA	AL/RE	COAT AC DUCT								
	RES	EAL V	VALL FLASHING	<b>✓</b>	REP	'AIR	<b>✓</b>		_		
DRAINAGE			PAIRS NEEDED						RATING	7	
	ADD/E		NCE CRICKETS		ADD/EN	NHAI					
	CUTT		CLEAR DRAINS	•	CUTTE	D CC	ADD GUTTER  OATING NEEDED				
PENETRATION	GUTT		EPAIR NEEDED EPAIRS NEEDED		GUITE	K CC		RATING	7		
LINETTOTTOTT			EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT		17/111/0	,	
			ACE SKYLIGHT		RAISE HEIGHT WHEN POSSIBLE						
ADDITIONAL		Α	CTION NEEDED								
	IMPF	ROVE	ROOF ACCESS	<b></b>	ADD	EXT	ERNAL LADDER				
	REMOV	E DE	AD EQUIPMENT	<b>⋖</b>							
MAINTENANCE	ŀ	KEEP	DRAINS CLEAN	<b>✓</b>	KEEP	WAT	ERWAYS CLEAN				
			UNTIL REROOF				TRIM TREES				
			OOF OF DEBRIS				REPAIR NEEDED	_			
LEAVO			AT SUSPECTED			EP G	SUTTERS CLEAR				
LEAKS			ENCE OF LEAKS	V	YES		NO				
	ON - OVERALL SY	STEN	RATING								
VERY POOR									T REPAIRS ONLY		
POOR					REPLACE OR COAT IN 1-2 YEARS - SPOT REPAIRS ONLY						
FAIR									AT IN 3-5 YEARS		
MARGINAL					REPLACE OR COAT IN 5-10 YEARS						

REPLACE OR COAT IN 5-10 YEARS MARGINAL GOOD REPLACE OR COAT IN 10-15 YEARS ONLY IF ROOF IS LESS THAN 5 YEARS OLD **EXCELLENT** 

### ADDITIONAL NOTES

OLDEST ROOF ON CAMPUS BUT IS HOLDING UP. IN POOR SHAPE BUT MAY WAIT FOR SECOND WAVE OF REPLACEMENTS. DO NOT WAIT TOO LONG ON THIS ONE THOUGH.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$1,500.00
YEARLY PREVENTIVE MAINENANCE	\$1,500.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$87,000.00





The photo below shows the wall and flashings in bad shape.



Looks like Marty has hit all the penetration corners - this helps.



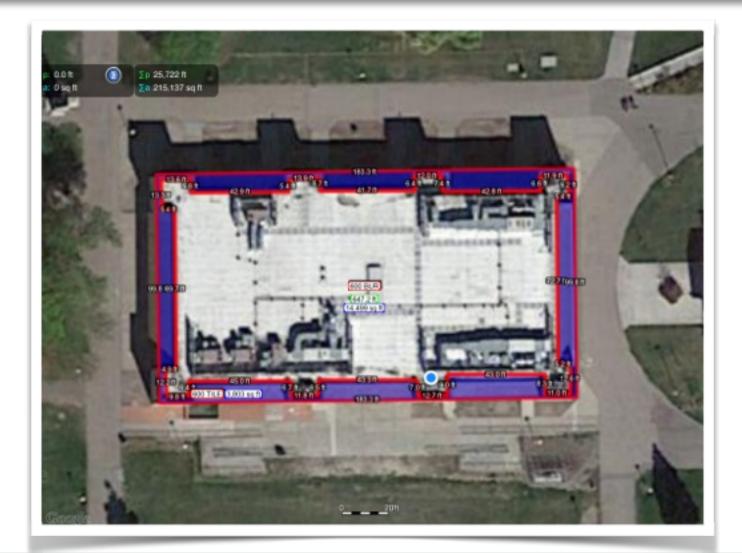




BUILDING	600						E	VGIVEERIN	IG SERVICES FOR THE BUILDING ENVE	LOPE		
ROOF SQ FT	14,500							_				
ROOF CONSTRU	JCTION											
ROOF AGE	BUR 2010	<b>✓</b>	0-5 YEARS		5-10 YEARS		10-15 YEARS	<b>✓</b>	15+ YEARS			
DECK TYPE	METAL		PLYWOOD	<b>\</b>	PLANK		CONCRETE		LW CONCRETE			
INSULATION	NONE	$\checkmark$	ISO		FIBER		PERLITE		STYRO			
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED			
MEMBRANE	CLAY TILE	<b>⋖</b>	SINGLE PLY		BUR	<b>\</b>	MOD BIT		TWO SYSTEMS	<b>⋖</b>		
MEM SURFACE	COATING	<b>✓</b>	MS CAP	<b></b>	GRAVEL		SMOOTH	<b>✓</b>	GRANULE			
FLASHINGS	CAPSHEET	<b>⋖</b>	HYPALON									
DRAINAGE	BUR JOSAM	<b>✓</b>	SCUPPERS		T GUTTERS	<b>~</b>	T OVER EDGE	<b>✓</b>				
SLOPE	NONE		1:12		2:12		TILE 3:12	<b>√</b>	6:12			
ROOF CONDITIO	ON - RATINGS (1-1	0) an	d RECOMMENDA	ATIOI	NS					#		
FIELD			PAIRS NEEDED						RATING	7		
			RESEAL SEAMS		REPAIR R	LIST	ERS or RIDGING		TILE RATING	6		
	CI E		OOF OF DEBRIS				REPAIR NEEDED					
			IR SUSPECTED									
	DECK						CE FASTENERS					
			AZE CRACKING				TLE MEMBRANE					
			CESSIVE WEAR		В	ROK	EN TILES - 10-20	<b>✓</b>				
PITCH/POND			PAIRS NEEDED						RATING	7		
	F		ONDING AREAS		FIX DECK DEFLECTION							
			SOME PONDING	<b>V</b>	E	XCE:	SSIVE PONDING					
FLASHING		DE	DVIDG VIEEDED						RATING	7		
FLASHING			EPAIRS NEEDED EAL/REPAIR ALL		RES	<b>ΕΔΙ</b> /	REPAIR SELECT		TILE RATING	8		
			COAT AC DUCT				L/RECOAT WALL		TILL TATING	O		
			VALL FLASHING				WALL FLASHING					
DRAINAGE			PAIRS NEEDED						RATING	7		
	ADD/E	ENHA	NCE CRICKETS		ADD/EN	NHAN	NCE OVERFLOW					
			CLEAR DRAINS				ADD GUTTER					
	GUTT	ER R	REPAIR NEEDED		GUTTE	R CC	DATING NEEDED					
PENETRATION		RE	PAIRS NEEDED						RATING	7		
		RESE	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT					
		REPL	ACE SKYLIGHT		RAISE HEIG	HT V	VHEN POSSIBLE					
ADDITIONAL			CTION NEEDED									
			ROOF ACCESS		ADD	EXT	ERNAL LADDER					
NAAINITENIANIOE			AD EQUIPMENT	_	KEED	\ A / A <del>T</del>						
MAINTENANCE			DRAINS CLEAN	<b>✓</b>	KEEP	VVAI	ERWAYS CLEAN					
			UNTIL REROOF  OOF OF DEBRIS		LI\	/A C E	TRIM TREES REPAIR NEEDED					
			AT SUSPECTED				SUTTERS CLEAR					
LEAKS			ENCE OF LEAKS		YES		NO	_				
	ON - OVERALL SY	_			120							
VERY POOR	JN - OVERALL ST	SIEW	RATING			TAO	IMMEDIATELY - S	SPOT	F DEDAIDS ONLY			
POOR							IN 1-2 YEARS - S					
FAIR					NEI LAGE OR (	JUAI			AT IN 3-5 YEARS			
MARGINAL												
									T IN 5-10 YEARS			
GOOD EXCELLENT						NII V			IN 10-15 YEARS			
EXCELLENT					ONLY IF ROOF IS LESS THAN 5 YEARS OLD							

THE ROOF IS IN GREAT SHAPE.

	BUDGET ESTIMATES
\$0.00	IMMEDIATE REPAIRS AS RECOMMENDED
\$1,500.00	YEARLY PREVENTIVE MAINENANCE
\$0.00	ROOF RECOATING
\$217,500.00	ROOF REPLACEMENT





The photo below shows signs of very little ponding.



Another overview photo.



BUILDING INFORMATION							
FACILITY	Santa Teresa HS						
DATE	October 17, 2014						
BUILDING	700 Gym						
ROOF SQ FT	40,000						
DOOE CONSTDI	ICTION						



BUILDING	700 Gym						E	N (	G I N E E R I N NG SERVICES FOR THE BUILDING ENVI	ELOPE
ROOF SQ FT	40,000						_			
ROOF CONSTRU	JCTION									
ROOF AGE	2006	<b>⋖</b>	0-5 YEARS		5-10 YEARS		10-15 YEARS		15+ YEARS	
DECK TYPE	METAL		PLYWOOD	<b>\</b>	PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE	<b>\</b>	ISO		FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	CLAY TILE		SINGLE PLY		BUR	<b>✓</b>	MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP	<b>✓</b>	GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET	<b>✓</b>	HYPALON							
DRAINAGE	BUR JOSAM	<b>✓</b>	SCUPPERS		T GUTTERS		T OVER EDGE			
SLOPE	NONE		1:12	<b></b>	2:12		TILE 3:12		6:12	
ROOF CONDITIO	ON - RATINGS (1-1	0) ar	d RECOMMENDA	IOITA	NS					#
FIELD	70011100 (1 1		EPAIRS NEEDED		10	_		_	RATING	6
TILLD			RESEAL SEAMS		DEDAID D	LICT	ERS or RIDGING		70.11.11	
	CL E						REPAIR NEEDED			
			OOF OF DEBRIS							
	DECK		AIR SUSPECTED				CE FASTENERS			
			AZE CRACKING				TLE MEMBRANE			
			CESSIVE WEAR		BROKEN TILES - 10-20			<b>✓</b>		
PITCH/POND	_		EPAIRS NEEDED						RATING	5
	F		ONDING AREAS		FIX DECK DEFLECTION					
		,	SOME PONDING	<b>✓</b>	EXCESSIVE PONDING					
FLASHING		DE	EPAIRS NEEDED	<b>I</b>					RATING	2
LASTIING	RESEAL/REPAIR ALL				RES	<b>ΕΔΙ</b> /	REPAIR SELECT		NATINO	
							DAT BASEFLASH			
		RESEAL WALL FLASHING					WALL FLASHING			
DRAINAGE			PAIRS NEEDED						RATING	6
	ADD/E	ENHA	NCE CRICKETS		ADD/EN	1AH	NCE OVERFLOW			
	CLEAR DRAINS				ADD GUTTER					
	GUTTER REPAIR NEEDED			GUTTER REPAIR NEEDED GUTTER COATING NEEDED						
PENETRATION		RE	PAIRS NEEDED						RATING	6
		RES	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			
	REPLACE SKYLIGHT				RAISE HEIGHT WHEN POSSIBLE					
ADDITIONAL			CTION NEEDED		4.00	->				
			ROOF ACCESS		ADD	EXI	ERNAL LADDER			
MAINTENANCE			AD EQUIPMENT		KEED	\ <b>\</b> /\T	EDMAVS CLEAN			
WAINTENANCE	KEEP DRAINS CLEAN ( SPOT REPAIR UNTIL REROOF				✓ KEEP WATERWAYS CLEAN TRIM TREES					
			OOF OF DEBRIS		ΗV	/AC F	REPAIR NEEDED			
			AT SUSPECTED				SUTTERS CLEAR			
LEAKS			ENCE OF LEAKS		YES		NO	<b>✓</b>		
ROOF CONDITIO	ON - OVERALL SY:	STEN	/ RATING							
VERY POOR	J. L. VILLE OT				REPLACE OR C	COAT	IMMEDIATELY - S	SPOT	T REPAIRS ONLY	
POOR	REPLACE OR COAT IN 1-2 YEARS - SPOT REPAIRS ONLY									
FAIR	REPLACE OR COAT IN 3-5 YEARS									
MARGINAL										
COOD	REPLACE OR COAT IN 10 15 YEARS									

GOOD

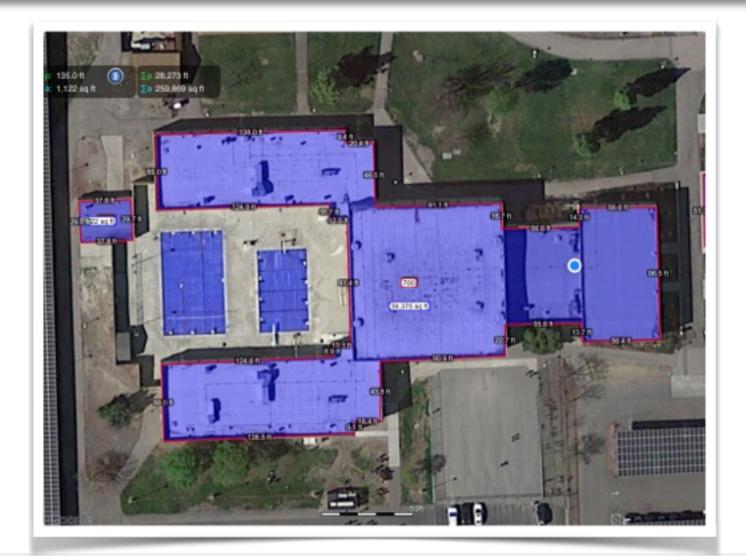
**EXCELLENT** 

THE ROOF IS IN MARGINAL SHAPE. BASE FLASHINGS ARE FAILING. THEY NEED TO BE REPAIRED. UPPER AND POOL SIDE ROOFS ARE NEWER AND IN BETTER CONDITION.

REPLACE OR COAT IN 10-15 YEARS

ONLY IF ROOF IS LESS THAN 5 YEARS OLD

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$7,500.00
YEARLY PREVENTIVE MAINENANCE	\$1,500.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$600,000.00





The photo below shows the base flashing failing.



The photo below shows heavy ponding.







BUILDING	800						E E	N (	IN E E K I N IG SERVICES FOR THE BUILDING ENVE	ELOPE
ROOF SQ FT	6,200							_		
ROOF CONSTRU	JCTION									
ROOF AGE	2008	<b>✓</b>	0-5 YEARS		5-10 YEARS		10-15 YEARS		15+ YEARS	
DECK TYPE	METAL		PLYWOOD	<b>√</b>	PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE	<b>⋖</b>	ISO		FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	CLAY TILE	<b>⋖</b>	SINGLE PLY		BUR	<b></b>	MOD BIT		TWO SYSTEMS	<b></b>
MEM SURFACE	COATING	<b>✓</b>	MS CAP	<b>~</b>	GRAVEL		SMOOTH	<b>✓</b>	GRANULE	
FLASHINGS	CAPSHEET	<b>⋖</b>	HYPALON							
DRAINAGE	BUR JOSAM	<b>✓</b>	SCUPPERS		T GUTTERS	<b>✓</b>	T OVER EDGE	<b>✓</b>		
SLOPE	NONE		1:12	<b>✓</b>	2:12		TILE 3:12	<b>✓</b>	6:12	
ROOF CONDITIO	ON - RATINGS (1-1	0) an	d RECOMMENDA	TIOI	NS					#
FIELD			PAIRS NEEDED			_		_	RATING	6
			RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING		TILE RATING	7
	CI E/		OOF OF DEBRIS				REPAIR NEEDED			
			IR SUSPECTED							
	DEGIC		AZE CRACKING				CE FASTENERS			
							TLE MEMBRANE			
			CESSIVE WEAR		В	ROK	EN TILES - 10-20		5.70.0	
PITCH/POND	_		PAIRS NEEDED						RATING	5
	F		ONDING AREAS		FIX DECK DEFLECTION					
		3	SOME PONDING			XCE	SSIVE PONDING			
FLASHING		RF	PAIRS NEEDED						RATING	2
1 L/(O) III VO	RESEAL/REPAIR ALL				RES	EAL/	REPAIR SELECT		TILE RATING	7
		AL/RECOAT AC DUCT					L/RECOAT WALL	<u></u>		
			VALL FLASHING	<b>✓</b>			REPLACEMENT	<b>✓</b>		
DRAINAGE		REPAIRS NEEDED							RATING	3
	ADD/E	ENHA	NCE CRICKETS	✓ ADD/ENHANCE OVERFLOW			<b>~</b>			
			CLEAR DRAINS			ADD GUTTER				
	GUTT	ER R	EPAIR NEEDED		GUTTE	R CC	DATING NEEDED			
PENETRATION		RE	PAIRS NEEDED						RATING	6
		RES	EAL/REPAIR ALL		RESEAL/REPAIR SE					
		REPL	ACE SKYLIGHT		RAISE HEIG	HT V	VHEN POSSIBLE			
ADDITIONAL			0T10N1NEEDED							
ADDITIONAL	IMPE		CTION NEEDED		ADD	CVT				
			ROOF ACCESS  AD EQUIPMENT		ADD		ERNAL LADDER			
MAINTENANCE			DRAINS CLEAN		KEED	<b>\</b> Λ/ΔΤ	ERWAYS CLEAN			
W W W W W W W W W W W W W W W W W W W			UNTIL REROOF		IXEE	V V / ( )	TRIM TREES			
			OOF OF DEBRIS		ΗV	/AC F	REPAIR NEEDED			
	H	IAZM	AT SUSPECTED		KE	EP G	SUTTERS CLEAR			
LEAKS	E	EVIDE	NCE OF LEAKS		YES		NO	<b>✓</b>		
ROOF CONDITIO	ON - OVERALL SY	STEM	1 RATING							
VERY POOR					REPLACE OR C	COAT	IMMEDIATELY - S	SPOT	Γ REPAIRS ONLY	
POOR		REPLACE OR COAT IN 1-2 YEARS - SPOT REPAIRS ONLY								
FAIR							REPLACE OF	R CO	AT IN 3-5 YEARS	
MARGINAL									T IN 5-10 YEARS	
GOOD	REPLACE OR COAT IN 10-15 YEARS									
EXCELLENT					C	NLY	IF ROOF IS LESS			

THE ROOF IS IN FAIR CONDITION. WALLS ARE IN BAD SHAPE AND NEED REPAIRS AND A COATING.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$7,500.00
YEARLY PREVENTIVE MAINENANCE	\$1,500.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$93,000.00





The photo below shows the walls in need of repair and recoating.



The photo below shows signs of heavy ponding.







BUILDING	Gardeners Shed						E E		IS IN C. C. N. I. N. I. N. SERVICES FOR THE BUILDING ENVE	ELOPE
ROOF SQ FT	1,000							_		
ROOF CONSTRU	UCTION									
ROOF AGE	UNKNOWN		0-5 YEARS		5-10 YEARS		10-15 YEARS		15+ YEARS	<b>✓</b>
DECK TYPE	METAL		PLYWOOD	<b>✓</b>	PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE	<b>✓</b>	ISO		FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	SHINGLE	<b>~</b>	SINGLE PLY		BUR		MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP		GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET		HYPALON							
DRAINAGE	BUR JOSAM		SCUPPERS		GUTTERS	<b>✓</b>	OVER EDGE	<b>✓</b>		
SLOPE	SLIGHT		1:12		2:12		TILE 3:12	<b>✓</b>	6:12	
ROOF CONDITIO	ON - RATINGS (1-1	0) ar	nd RECOMMENDA	OITA	NS					#
FIELD			EPAIRS NEEDED						RATING	4
TILLD			RESEAL SEAMS		DUIG	EDC	and/or RIDGING		7.0.000	
	CI E						REPAIR NEEDED			
			OOF OF DEBRIS							
	DECK						ACE FASTENERS			
		CF	RAZE CRACKING				TLE MEMBRANE			
			HEAVY WEAR	<b>✓</b>	В	ROK	EN TILES - 10-20			
PITCH/POND	_		EPAIRS NEEDED		<b>-</b> 11		014 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		RATING	8
	F		ONDING AREAS SOME PONDING				CK DEFLECTION			
			SOME PONDING			ACE	SSIVE PONDING			
FLASHING		RI	EPAIRS NEEDED						RATING	2
12/01/11/0			EAL/REPAIR ALL		RESEAL/REPAIR SELECT				1001110	_
			ECOAT AC DUCT				L/RECOAT WALL			
			WALL FLASHING				METER DAMAGE	<b>✓</b>		
DRAINAGE		RI	EPAIRS NEEDED						RATING	4
	ADD/E	ENHA	ANCE CRICKETS		ADD/EN	IAH	NCE OVERFLOW			
			CLEAR DRAINS				ADD GUTTER			
	GUTT	ER F	REPAIR NEEDED	<b>✓</b>	GUTTE	R C	DATING NEEDED			
PENETRATION		RI	EPAIRS NEEDED						RATING	-
			EAL/REPAIR ALL				REPAIR SELECT			
		REP	LACE SKYLIGHT		RAISE HEIG	iHT V	VHEN POSSIBLE			
ADDITIONAL		,	ACTION NEEDED							
ADDITIONAL	IMPE		ROOF ACCESS		ADD	FXT	ERNAL LADDER			
			AD EQUIPMENT		7.00					
MAINTENANCE			DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN			
	SPOT RE	PAIR	UNTIL REROOF	<b></b>			TRIM TREES			
	CLEA	AR R	OOF OF DEBRIS		HV	/AC F	REPAIR NEEDED			
	F	IAZN	IAT SUSPECTED		KE	EP G	GUTTERS CLEAR			
LEAKS	E	EVID	ENCE OF LEAKS		YES		NO	<b>\</b>		
ROOF CONDITIO	ON - OVERALL SY	STE	M RATING							
VERY POOR					REPLACE OR C	COAT	IMMEDIATELY - S	SPO	T REPAIRS ONLY	
POOR					REPLACE OR (	COAT	Γ IN 1-2 YEARS - S	SPO	T REPAIRS ONLY	<b>✓</b>
FAIR							REPLACE OF	R CO	AT IN 3-5 YEARS	
MARGINAL							REPLACE OR	COA	T IN 5-10 YEARS	
GOOD							REPLACE OR C	COAT	IN 10-15 YEARS	

**EXCELLENT** 

ROOF PERIMETER EVES PLYWOOD DECK IS FALLING APART WITH DRYROT. THIS IS NOT AFFECTING THE **BUILDING WITH LEAKS.** 

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$750.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$15,000.00



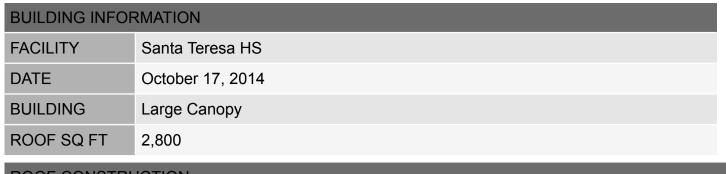


The photo below shows dryrot of the deck at the roof perimeter eves.



The photo below shows damage on both sides of the building.







BUILDING	Large Canopy						Ē	NGIVEERIN	G I N E E R I N NG SERVICES FOR THE BUILDING ENVI	G ELOPE
ROOF SQ FT	2,800							_		
ROOF CONSTRU	JCTION									
ROOF AGE	UNKNOWN		0-5 YEARS		5-10 YEARS		10-15 YEARS	<b>✓</b>	15+ YEARS	
DECK TYPE	METAL		PLYWOOD	<b>✓</b>	PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE	<b></b>	ISO		FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	CLAY TILE		SINGLE PLY		BUR	<b></b>	MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP	<b>✓</b>	GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET	<b>✓</b>	HYPALON							
DRAINAGE	BUR JOSAM	<b>✓</b>	SCUPPERS		T GUTTERS		T OVER EDGE			
SLOPE	SLIGHT	$\checkmark$	1:12		2:12		TILE 3:12		6:12	
ROOF CONDITIO	ON - RATINGS (1-1	0) an	d RECOMMENDA	OITA	NS					#
FIELD		RE	PAIRS NEEDED			_		_	RATING	4
			RESEAL SEAMS		BLIST	ERS	and/or RIDGING	<b>~</b>		
	CLEA	AR RO	OOF OF DEBRIS				REPAIR NEEDED			
			IR SUSPECTED		RESEAL/F	RPLA	ACE FASTENERS			
		CR	AZE CRACKING				TLE MEMBRANE			
		EX	CESSIVE WEAR				EN TILES - 10-20			
PITCH/POND			PAIRS NEEDED			· (O)	LIV 11220 10 20		RATING	6
	F		ONDING AREAS		FIX	( DE	CK DEFLECTION		7011110	
		5	SOME PONDING		Е	XCE	SSIVE PONDING	<b>✓</b>		
FLASHING		RE	PAIRS NEEDED						RATING	5
		RESI	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			
	RESEA	AL/RE	COAT AC DUCT		RE	SEA	L/RECOAT WALL			
	RESI		WALL FLASHING		PERIMET	ER F	FASCIA DAMAGE	<b>✓</b>		
DRAINAGE	A D.D. (5		PAIRS NEEDED		4 D.D.(5)		105 07 5051 074		RATING	3
	ADD/E	=NHA	NCE CRICKETS CLEAR DRAINS		ADD/EI	NHAI	NCE OVERFLOW ADD GUTTER			
	GUTT	FR F	REPAIR NEEDED		GUTTER COATING NEEDED					
PENETRATION	0011		PAIRS NEEDED		30112			RATING	_	
		RESI	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			
		REPI	ACE SKYLIGHT		RAISE HEIG	HT V	VHEN POSSIBLE			
ADDITIONAL		Α	CTION NEEDED							
			ROOF ACCESS		ADD	EXT	ERNAL LADDER			
MAINTENANCE			AD EQUIPMENT		WEED	\ A / A <del></del>	EDWAYO OLEAN			
MAINTENANCE			DRAINS CLEAN UNTIL REROOF		KEEP	WAI	TRIM TREES			
			OOF OF DEBRIS		H\	/AC F	REPAIR NEEDED			
			AT SUSPECTED				SUTTERS CLEAR			
LEAKS			ENCE OF LEAKS		YES		NO	_		
ROOF CONDITIO	ON - OVERALL SY	_								
VERY POOR	TO THE OTHER				REPLACE OR C	COAT	IMMEDIATELY - S	SPO	T REPAIRS ONLY	
POOR									T REPAIRS ONLY	<b>-</b>
FAIR									AT IN 3-5 YEARS	
MARGINAL							REPLACE OR	COA	T IN 5-10 YEARS	
GOOD							REPLACE OR (	COAT	IN 10-15 YEARS	

**EXCELLENT** 

CLEAR THE DRAINS IN ORDER TO PREVENT EXCESSIVE PONDING. BUDGET TO REPLACE IN THE NEXT COUPLE OF YEARS.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$1,500.00
YEARLY PREVENTIVE MAINENANCE	\$750.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$42,000.00





The photo below shows the excessive ponding on the roof.



The photo below show the fascia deteriorating.







BUILDING	Portables P1-P4					E N G I N E E R I N G ENGINEERING SERVICES FOR THE BUILDING ENVELOPE				
ROOF SQ FT	4,800							_		-
ROOF CONSTRU	JCTION									
ROOF AGE	UNKNOWN		0-5 YEARS		5-10 YEARS		10-15 YEARS		15+ YEARS	$\checkmark$
DECK TYPE	METAL	$\checkmark$	PLYWOOD		PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE	$\checkmark$	ISO		FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	METAL SS	$\checkmark$	SINGLE PLY		BUR		MOD BIT		TWO SYSTEMS	
MEM SURFACE	GALVINIZED	<b>~</b>	MS CAP		GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET		HYPALON							
DRAINAGE	JOSAM		SCUPPERS		GUTTERS	<b>✓</b>	OVER EDGE			
SLOPE	SLIGHT	<b>\</b>	1:12		2:12		3:12		6:12	
ROOF CONDITIO	ON - RATINGS (1-1	0) ar	nd RECOMMENDA	OITA	NS					#
FIELD		RI	EPAIRS NEEDED						RATING	3
			RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING			
	CLEA	AR R	OOF OF DEBRIS		DE	CK F	REPAIR NEEDED			
	DECK	REPA	AIR SUSPECTED		RESEAL/F	RPLA	CE FASTENERS			
		CF	RAZE CRACKING				TLE MEMBRANE			
		ΕX	CESSIVE WEAR				NIFICANT RUST			
PITCH/POND			EPAIRS NEEDED			OIC.	INII IOANI 1001		RATING	5
THOM/TOND	F		ONDING AREAS		FIX	DE	CK DEFLECTION		1001110	
	·		SOME PONDING				SSIVE PONDING			
FLASHING		RI	EPAIRS NEEDED						RATING	4
		RES	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			
	RESEA	AL/RI	ECOAT AC DUCT		RESEAL/R	ECO.	AT EDGE FLASH			
	RESI	EAL	WALL FLASHING		RE	EPLA	CE FASTENERS			
DRAINAGE		RI	EPAIRS NEEDED						RATING	5
	ADD/E	ENHA	ANCE CRICKETS		ADD/EN	1AH	ICE OVERFLOW			
			CLEAR DRAINS		ADD GUTTER					
	GUTT		REPAIR NEEDED		GUTTE	R CC	DATING NEEDED			_
PENETRATION			EPAIRS NEEDED						RATING	-
			EAL/REPAIR ALL				REPAIR SELECT			
		KEP	LACE SKYLIGHT		KAISE HEIG	HI V	VHEN POSSIBLE			
ADDITIONAL		A	ACTION NEEDED							
7.22111011112	IMPF		ROOF ACCESS		ADD	EXT	ERNAL LADDER			
	REMOV	E DE	AD EQUIPMENT							
MAINTENANCE	k	KEEP	DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN			
	SPOT RE	PAIR	UNTIL REROOF	$\checkmark$			TRIM TREES			
	CLEA	AR R	OOF OF DEBRIS		HV	AC F	REPAIR NEEDED			
	H	IAZN	IAT SUSPECTED		KEEP	SS G	UTTERS CLEAR	<b>✓</b>		
LEAKS	E	EVIDI	ENCE OF LEAKS		YES		NO	<b>✓</b>		
ROOF CONDITIO	ON - OVERALL SY	STE	M RATING							
VERY POOR					REPLACE OR C	CAT	IMMEDIATELY - S	SPOT	REPAIRS ONLY	
POOR					REPLACE OR (	COAT	IN 1-2 YEARS - S	SPO1	REPAIRS ONLY	<b>✓</b>
FAIR							REPLACE OF	R CO	AT IN 3-5 YEARS	
MARGINAL							REPLACE OR	COA	T IN 5-10 YEARS	

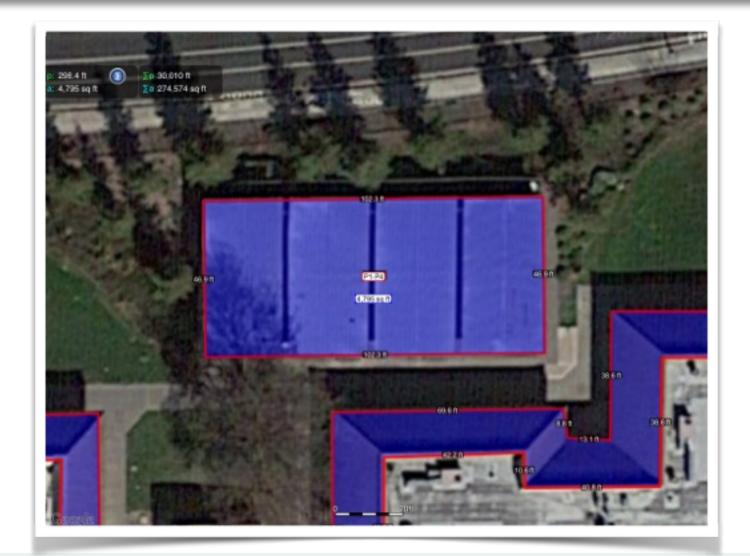
GOOD

**EXCELLENT** 

RUST IS ONE OF THE ONLY ENEMIES TO A METAL ROOF. COATINGS FOR METAL ROOFS MAY HAVE 15 YEAR WARRANTIES. THIS IS RECOMMENDED FOR THIS GROUP OF ROOFS.

REPLACE OR COAT IN 10-15 YEARS

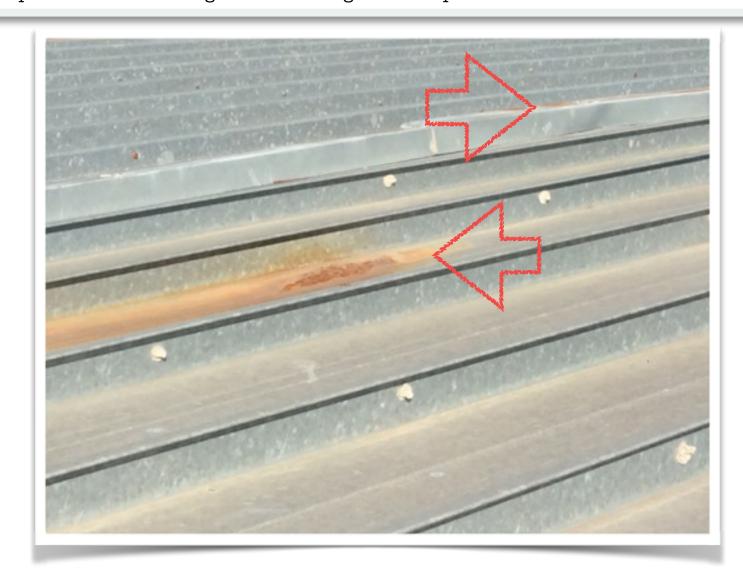
BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$500.00
ROOF RECOATING	\$48,000.00
ROOF REPLACEMENT	\$0.00







The photo below shows significant rusting - also the photo above.







BUILDING	Portables P808 a	nd 80	9						E N G I N E E R I N G ENGINEERING SERVICES FOR THE BUILDING ENVELOPE		
ROOF SQ FT	2,800										
ROOF CONSTRU	JCTION										
ROOF AGE	UNKNOWN		0-5 YEARS		5-10 YEARS		10-15 YEARS	<b>✓</b>	15+ YEARS		
DECK TYPE	METAL		PLYWOOD	<b>✓</b>	PLANK		CONCRETE		LW CONCRETE		
INSULATION	NONE	<b>~</b>	ISO		FIBER		PERLITE		STYRO		
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED		
MEMBRANE	METAL SS	<b>~</b>	SINGLE PLY		BUR		MOD BIT		TWO SYSTEMS		
MEM SURFACE	GALVINIZED	<b>~</b>	MS CAP		GRAVEL		SMOOTH		GRANULE		
FLASHINGS	CAPSHEET		HYPALON								
DRAINAGE	JOSAM		SCUPPERS		GUTTERS		OVER EDGE				
SLOPE	SLIGHT		1:12		2:12		3:12		6:12		
ROOF CONDITION	DN - RATINGS (1-1	0) ar	nd RECOMMENDA		NS					#	
FIELD	)		EPAIRS NEEDED		10				RATING		
FIELD					DEDAID	LIOT			TATINO		
			RESEAL SEAMS				ERS or RIDGING				
			OOF OF DEBRIS				REPAIR NEEDED				
	DECK	REPA	AIR SUSPECTED		RESEAL/F	RPLA	CE FASTENERS				
		CF	RAZE CRACKING			BRIT	TLE MEMBRANE				
		EX	CESSIVE WEAR			SIG	NIFICANT RUST				
PITCH/POND		RE	PAIRS NEEDED						RATING	7	
	F	ILL P	ONDING AREAS		FIX	( DE	CK DEFLECTION				
		;	SOME PONDING		EXCESSIVE PONDING						
FLASHING			EPAIRS NEEDED						RATING	7	
			EAL/REPAIR ALL				REPAIR SELECT				
			ECOAT AC DUCT				AT EDGE FLASH				
DRAINAGE	RE5I		WALL FLASHING EPAIRS NEEDED		REPLACE FASTENERS				RATING	7	
DRAINAGE	ΔDD/F		ANCE CRICKETS		ADD/FI	ЛΗΔΝ	JCE OVERELOW		RATING	<b>'</b>	
	710072	_1 41 1/	CLEAR DRAINS		ADD/ENHANCE OVERFLOW  ADD GUTTER						
	GUTT	ER F	REPAIR NEEDED		GUTTE	R CC	DATING NEEDED				
PENETRATION			PAIRS NEEDED						RATING	-	
		RES	EAL/REPAIR ALL		RESEAL/REPAIR SELECT						
		REP	LACE SKYLIGHT		RAISE HEIG	нт ۷	VHEN POSSIBLE				
ADDITIONAL		Д	CTION NEEDED								
	IMPF	ROVE	ROOF ACCESS		ADD	EXT	ERNAL LADDER				
	REMOV	E DE	AD EQUIPMENT								
MAINTENANCE	k	EEP	DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN				
			UNTIL REROOF				TRIM TREES				
			OOF OF DEBRIS				REPAIR NEEDED				
15440			AT SUSPECTED				SUTTERS CLEAR	_			
LEAKS		_	ENCE OF LEAKS		YES		NO	•			
	ON - OVERALL SYS	STEN	RATING								
VERY POOR									T REPAIRS ONLY		
POOR					REPLACE OR (	COAT	Γ IN 1-2 YEARS - \$				
FAIR									AT IN 3-5 YEARS		
MARGINAL									T IN 5-10 YEARS	<b>✓</b>	
GOOD									IN 10-15 YEARS		
EXCELLENT					C	NLY	IF ROOF IS LESS	TH/	N 5 YEARS OLD		
ADDITIONAL NO	TES										

THIS METAL ROOF IS IN GOOD SHAPE.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$500.00
ROOF RECOATING	\$28,000.00
ROOF REPLACEMENT	\$0.00



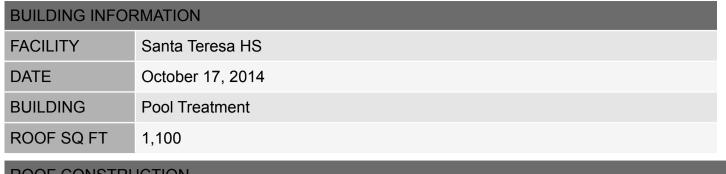


An overview photo from the roof level.



The photo below shows no signs of rust.







ROOF SQ FT	1,100							NGINEERII	IG SERVICES FOR THE BUILDING ENVE	ELOPE
ROOF CONSTRU	CTION									
ROOF AGE	UNKNOWN		0-5 YEARS		5-10 YEARS		10-15 YEARS	<b>✓</b>	15+ YEARS	
DECK TYPE	METAL		PLYWOOD	<b>\</b>	PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE	<b>\</b>	ISO		FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	CLAY TILE		SINGLE PLY		BUR	<b>✓</b>	MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP	<b>✓</b>	GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET	<b>✓</b>	HYPALON							
DRAINAGE	BUR JOSAM	<b>✓</b>	SCUPPERS		T GUTTERS		T OVER EDGE			
SLOPE	SLIGHT	<b>\</b>	1:12		2:12		TILE 3:12		6:12	
ROOF CONDITIO	N - RATINGS (1-1	0) ar	nd RECOMMENDA	ATIOI	NS					#
FIELD		RI	EPAIRS NEEDED						RATING	4
			RESEAL SEAMS		BLIST	ERS	and/or RIDGING	<b>✓</b>		
	CLEA	AR R	OOF OF DEBRIS		DE	CK I	REPAIR NEEDED			
	DECK	REPA	AIR SUSPECTED		RESEAL/F	RPL/	ACE FASTENERS			
		CF	RAZE CRACKING	<b>✓</b>	E	3RIT	TLE MEMBRANE	<b>✓</b>		
		EX	CESSIVE WEAR		В	ROK	EN TILES - 10-20			
PITCH/POND		RI	EPAIRS NEEDED						RATING	5
	F	ILL F	ONDING AREAS		FIX	(DE	CK DEFLECTION			
		,	SOME PONDING	<b>✓</b>	Е	XCE	SSIVE PONDING			
FLASHING		RI	EPAIRS NEEDED						RATING	4
			EAL/REPAIR ALL		RESEAL/REPAIR SELECT					
			ECOAT AC DUCT		RESEAL/RECOAT WALL					
DDAINACE	RESI		WALL FLASHING		PERIMET	ERI	FASCIA DAMAGE		DATING	1
DRAINAGE	ADD/F		EPAIRS NEEDED  ANCE CRICKETS		ADD/FN	ΙΗΑΙ	NCE OVERFLOW		RATING	4
	ADDIL	_1 11 1/	CLEAR DRAINS		ADDIE	<b>VII 17-XI</b>	ADD GUTTER			
	GUTT	ER F	REPAIR NEEDED		GUTTE	R C	DATING NEEDED			
PENETRATION		RI	EPAIRS NEEDED						RATING	4
		RES	EAL/REPAIR ALL	<b>✓</b>	RES	EAL/	REPAIR SELECT			
		REP	LACE SKYLIGHT		RAISE HEIG	HT V	WHEN POSSIBLE			
ADDITIONAL			ACTION NEEDED							
			ROOF ACCESS		ADD	EXT	TERNAL LADDER			
MAINTENANCE			AD EQUIPMENT DRAINS CLEAN		KEED	\ <b>\/</b> \T	ERWAYS CLEAN			
WAINTENANCE			UNTIL REROOF		NEEF	VVAI	TRIM TREES			
			OOF OF DEBRIS		ΗV	/AC I	REPAIR NEEDED			
	H	IAZN	IAT SUSPECTED		KE	EP G	SUTTERS CLEAR			
LEAKS	E	EVIDI	ENCE OF LEAKS		YES		NO	<b>✓</b>		
ROOF CONDITION	N - OVERALL SY	STE	M RATING							
VERY POOR					REPLACE OR C	COAT	IMMEDIATELY -	SPO	T REPAIRS ONLY	
POOR					REPLACE OR (	COA	T IN 1-2 YEARS -	SPO	T REPAIRS ONLY	<b>~</b>
FAIR							REPLACE OF	R CO	AT IN 3-5 YEARS	
MARGINAL							REPLACE OR	COA	T IN 5-10 YEARS	

GOOD

**EXCELLENT** 

ROOF IS NOT ON THE DISTRICTS LIST. BUDGET TO REPLACE WITHIN A COUPLE YEARS. ADD TO SCOPE OF LARGER ROOFS REPLACEMENT TO GET A GOOD PRICE.

REPLACE OR COAT IN 10-15 YEARS

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$750.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$16,500.00





The photo below shows large blisters - the roof also has ridging.



The photo below shows the penetration details in need of repair.



BUILDING INFORMATION							
FACILITY	Santa Teresa HS						
DATE	October 17, 2014						
BUILDING	Press Box						
ROOF SQ FT	280						



BUILDING	Press Box			E N G I N E E Engineering Services for the						G ELOPE		
ROOF SQ FT	280							_				
ROOF CONSTRU	JCTION											
ROOF AGE	UNKNOWN		0-5 YEARS		5-10 YEARS		10-15 YEARS	<b>⋖</b>	15+ YEARS			
DECK TYPE	METAL	<b>~</b>	PLYWOOD		PLANK		CONCRETE		LW CONCRETE			
INSULATION	NONE	<b>⋖</b>	ISO		FIBER		PERLITE		STYRO			
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED			
MEMBRANE	METAL PLATE	<b>~</b>	SINGLE PLY		BUR		MOD BIT		TWO SYSTEMS			
MEM SURFACE	COATING	<b>✓</b>	MS CAP		GRAVEL		SMOOTH		GRANULE			
FLASHINGS	CAPSHEET		HYPALON									
DRAINAGE	BUR JOSAM		SCUPPERS		GUTTERS		OVER EDGE	<b>✓</b>				
SLOPE	SLIGHT	<b>✓</b>	1:12		2:12		3:12		6:12			
ROOF CONDITIO	ON - RATINGS (1-1	0) ar	nd RECOMMENDA	TIOI	NS					#		
FIELD			EPAIRS NEEDED					_	RATING	8		
			RESEAL SEAMS		BLIST	ERS	and/or RIDGING					
	CLEA		OOF OF DEBRIS				REPAIR NEEDED					
			AIR SUSPECTED				ACE FASTENERS					
			RAZE CRACKING				TLE MEMBRANE					
		0.	HEAVY WEAR				EN TILES - 10-20					
PITCH/POND		RF	EPAIRS NEEDED			NON	LIN TILLS - 10-20		RATING	8		
THOM/TOND	F		ONDING AREAS		FIX	( DE	CK DEFLECTION		1001110			
	SOME PONDING						SSIVE PONDING					
	COME TOTAL											
FLASHING		RE	EPAIRS NEEDED						RATING	8		
		RES	EAL/REPAIR ALL		RESEAL/REPAIR SELECT							
	RESE	AL/RE	ECOAT AC DUCT		RE	SEA	L/RECOAT WALL					
	RESI	EAL \	WALL FLASHING		Р	PERI	METER DAMAGE			_		
DRAINAGE			EPAIRS NEEDED						RATING	8		
	ADD/E	=NH <i>F</i>	ANCE CRICKETS		ADD/EI	NHAI	NCE OVERFLOW					
	GUTT	FR F	CLEAR DRAINS REPAIR NEEDED		ADD GUTTER GUTTER COATING NEEDED							
PENETRATION	0011		EPAIRS NEEDED		00112		STATING NEEDED		RATING	6		
			EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT					
		REP	LACE SKYLIGHT		RAISE HEIG	HT V	VHEN POSSIBLE					
ADDITIONAL		A	ACTION NEEDED									
	IMPF	ROVE	ROOF ACCESS		ADD	EXT	ERNAL LADDER					
			AD EQUIPMENT									
MAINTENANCE			DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN					
			OOF OF DEBRIS		ЫV	/A C F	TRIM TREES REPAIR NEEDED					
			IAT SUSPECTED				SUTTERS CLEAR					
LEAKS			ENCE OF LEAKS		YES		NO	<b>✓</b>				
ROOF CONDITIO	ON - OVERALL SY											
VERY POOR					REPLACE OR C	COAT	· IMMEDIATELY - S	SPO <sup>-</sup>	T REPAIRS ONLY			
POOR							Γ IN 1-2 YEARS - S					
FAIR							REPLACE OF	R CO	AT IN 3-5 YEARS			
MARGINAL							REPLACE OR	COA	T IN 5-10 YEARS	<b>~</b>		
GOOD							REPLACE OR C	COAT	IN 10-15 YEARS			
EXCELLENT					ONLY IF ROOF IS LESS THAN 5 YEARS OLD							

**EXCELLENT** 

POSSIBLE RECOAT IN FIVE YEARS.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$0.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$4,200.00









BUILDING	Girls and boys restrooms - Four Roofs							ENGINEERING			
ROOF SQ FT	2,800							ENGINEERING SERVICES FOR THE BUILDING ENVELOPE			
ROOF CONSTRUCTION											
ROOF AGE	BUR 2013	<b>✓</b>	0-5 YEARS		5-10 YEARS		10-15 YEARS	<b>V</b>	15+ YEARS		
DECK TYPE	METAL		PLYWOOD	<b>✓</b>	PLANK		CONCRETE		LW CONCRETE		
INSULATION	NONE	<b>✓</b>	ISO		FIBER		PERLITE		STYRO		
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED		
MEMBRANE	CLAY TILE		SINGLE PLY		BUR	<b>~</b>	MOD BIT		TWO SYSTEMS		
MEM SURFACE	COATING	<b>✓</b>	MS CAP	<b>~</b>	GRAVEL		SMOOTH	<b>✓</b>	GRANULE		
FLASHINGS	CAPSHEET	<b>✓</b>	HYPALON								
DRAINAGE	BUR JOSAM	<b>✓</b>	SCUPPERS		T GUTTERS		T OVER EDGE				
SLOPE	SLIGHT	<b>✓</b>	1:12		2:12		TILE 3:12		6:12		
ROOF CONDITIO	DN - RATINGS (1-1	0) an	d RECOMMENDA	1OITA	NS			•		#	
FIELD			PAIRS NEEDED						RATING		
			RESEAL SEAMS		REDΔIR R	LIST	ERS or RIDGING				
	CL EA		OOF OF DEBRIS				REPAIR NEEDED				
			IR SUSPECTED								
	DECK						CE FASTENERS				
			AZE CRACKING				TLE MEMBRANE				
			CESSIVE WEAR		В	ROKI	EN TILES - 10-20				
PITCH/POND	_		PAIRS NEEDED		EI)	, DE			RATING	7	
	F		ONDING AREAS		FIX DECK DEFLECTION  EXCESSIVE PONDING						
			SOME PONDING			ACE.	SSIVE PONDING				
FLASHING	REPAIRS NEEDED								RATING	8	
1 27 (31 111 (3		RESEAL/REPAIR ALL			RES	EAL/	REPAIR SELECT		1011110		
			COAT AC DUCT		RESEAL/RECOAT WALL						
	RESEAL WALL FLASHING				LOC	DSE \	WALL FLASHING				
DRAINAGE		RE	PAIRS NEEDED						RATING	8	
	ADD/E	ENHA	NCE CRICKETS		ADD/E	NAH	ICE OVERFLOW				
			CLEAR DRAINS			ADD GUTTER					
	GUTT	ER R	EPAIR NEEDED		GUTTE	R CC	DATING NEEDED			_	
PENETRATION		RE	PAIRS NEEDED						RATING	8	
			EAL/REPAIR ALL				REPAIR SELECT				
		REPL	ACE SKYLIGHT		RAISE HEIG	HT V	VHEN POSSIBLE				
ADDITIONAL		٨	CTION NEEDED								
ADDITIONAL	IMPR		ROOF ACCESS		ADD	FXT	ERNAL LADDER				
			AD EQUIPMENT		7.00						
MAINTENANCE			DRAINS CLEAN	<b>✓</b>	KEEP	WAT	ERWAYS CLEAN				
	SPOT RE	PAIR	UNTIL REROOF				TRIM TREES	<b>✓</b>			
	CLEA	AR RO	OOF OF DEBRIS		H\	/AC F	REPAIR NEEDED				
	Н	IAZM	AT SUSPECTED		KE	EP G	UTTERS CLEAR				
LEAKS	E	VIDE	ENCE OF LEAKS		YES		NC	$\checkmark$			
ROOF CONDITIO	ON - OVERALL SYS	STEM	1 RATING								
VERY POOR					REPLACE OR C	COAT	IMMEDIATELY -	SPO	T REPAIRS ONLY		
POOR					REPLACE OR (	COAT	IN 1-2 YEARS -	SPO	T REPAIRS ONLY		
FAIR							REPLACE O	R CO	OAT IN 3-5 YEARS		
MARGINAL							REPLACE OF	COA	AT IN 5-10 YEARS		
GOOD				REPLACE OR COAT IN 10-15 YEARS							
EXCELLENT					C	NLY	IF ROOF IS LES	S THA	AN 5 YEARS OLD	<b>✓</b>	
ADDITIONAL NO	TES										

THE ROOF IS BRAND NEW.

	BUDGET ESTIMATES
\$0.00	IMMEDIATE REPAIRS AS RECOMMENDED
\$1,500.00	YEARLY PREVENTIVE MAINENANCE
\$0.00	ROOF RECOATING
\$42,000.00	ROOF REPLACEMENT





The photo below shows the need to trim trees - this leads to faster roof deterioration.



The photo below shows the drains needing to be cleared.







BUILDING	Ticket Booth						E	VGIVEERIN	G I N E E R I N NG SERVICES FOR THE BUILDING ENVE	LOPE
ROOF SQ FT	150							_		
ROOF CONSTRU	JCTION									
ROOF AGE	UNKNOWN		0-5 YEARS		5-10 YEARS		10-15 YEARS	<b>\</b>	15+ YEARS	
DECK TYPE	METAL	<b>\</b>	PLYWOOD		PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE	<b>✓</b>	ISO		FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	SS METAL	<b>✓</b>	SINGLE PLY		BUR		MOD BIT		TWO SYSTEMS	
MEM SURFACE	MANU COAT	<b>✓</b>	MS CAP		GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET		HYPALON							
DRAINAGE	BUR JOSAM		SCUPPERS		GUTTERS	<b>~</b>	OVER EDGE			
SLOPE	SLIGHT		1:12		2:12	<b>✓</b>	3:12		6:12	
ROOF CONDITIO	DN - RATINGS (1-1	0) an	d RECOMMENDA	IOITA	NS					#
FIELD			EPAIRS NEEDED						RATING	8
TILLD					DUICT		and/or DIDCING		1011110	
	01.5		RESEAL SEAMS				and/or RIDGING			
			OOF OF DEBRIS				REPAIR NEEDED			
	DECK		AIR SUSPECTED		RESEAL/F	RPLA	CE FASTENERS			
		CR	AZE CRACKING		E	3RIT	TLE MEMBRANE			
			HEAVY WEAR		В	ROK	EN TILES - 10-20			
PITCH/POND		RE	PAIRS NEEDED						RATING	8
	F	ILL P	ONDING AREAS		FIX DECK DEFLECTION					
		5	SOME PONDING		E	XCE:	SSIVE PONDING			
FLASHING			PAIRS NEEDED						RATING	8
		RESEAL/REPAIR ALL					REPAIR SELECT			
			ECOAT AC DUCT				L/RECOAT WALL			
	RESI	RESEAL WALL FLASHING			P	PERIN	METER DAMAGE		DATING	
DRAINAGE	A D D / F		PAIRS NEEDED		ADD/ENHANCE OVERFLOW				RATING	8
	ADD/E		NCE CRICKETS CLEAR DRAINS		ADD/EI	NHAI	ADD GUTTER			
	GUTT		REPAIR NEEDED		GUTTER COATING NEED					
PENETRATION	0011		EPAIRS NEEDED		30112		WING NEEDED		RATING	_
		RESEAL/REPAIR ALL			RESEAL/REPAIR SELECT				7011110	
			ACE SKYLIGHT		RAISE HEIG	HT V	VHEN POSSIBLE			
ADDITIONAL		Α	CTION NEEDED							
	IMPF	ROVE	ROOF ACCESS		ADD	EXT	ERNAL LADDER			
	REMOV	E DE	AD EQUIPMENT							
MAINTENANCE	k	KEEP	DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN			
	SPOT RE	PAIR	UNTIL REROOF				TRIM TREES			
	CLEA	AR RO	OOF OF DEBRIS		HVAC REPAIR NEEDED					
	F	IAZM	AT SUSPECTED		KE	EP G	SUTTERS CLEAR			
LEAKS	E	EVIDE	ENCE OF LEAKS		YES		NO			
ROOF CONDITIO	ON - OVERALL SY	STEN	RATING							
VERY POOR					REPLACE OR C	COAT	IMMEDIATELY - S	SPO	T REPAIRS ONLY	
POOR					REPLACE OR (	COAT	Γ IN 1-2 YEARS - \$	SPO	T REPAIRS ONLY	
FAIR							REPLACE OF	R CO	AT IN 3-5 YEARS	
MARGINAL							REPLACE OR	COA	T IN 5-10 YEARS	
GOOD							REPLACE OR C	COAT	IN 10-15 YEARS	<b>✓</b>
EXCELLENT					O	NLY	IF ROOF IS LESS	THA	AN 5 YEARS OLD	

THE ROOF IS IN GOOD SHAPE.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$0.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$2,250.00

