BUILDING INFOR	RMATION
FACILITY	Foothill HS
DATE	August 18, 2014
BUILDING	Admin BUR
ROOF SQ FT	1,500
DOOF CONCTRI	ICTION



BUILDING	Admin BUR							ENGINEERII	NG SERVICES FOR THE BUILDING ENVE	ELOPE
ROOF SQ FT	1,500							_		4
ROOF CONSTRU	ICTION									
ROOF AGE	2000	✓	0-5 YEARS		5-10 YEARS		10-15 YEARS		15+ YEARS	
DECK TYPE	METAL		PLYWOOD	~	PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE	4	ISO		FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	METAL SS		SINGLE PLY		BUR	√	MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP	✓	GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET	4	HYPALON							
DRAINAGE	JOSAM	✓	SCUPPERS		GUTTERS		OVER EDGE			
SLOPE	NONE		1:12	⋖	2:12		3:12		6:12	
ROOF CONDITIO	N - RATINGS (1-1	(0) an	d RECOMMENDA	OITA	NS		_		_	#
FIELD			PAIRS NEEDED					_	RATING	3
			RESEAL SEAMS		REDAIR R	LIST	ERS or RIDGING		SS RATING	
	CI E		OOF OF DEBRIS				REPAIR NEEDED			
			AIR SUSPECTED							
	DECK						CE FASTENERS	_		
			AZE CRACKING				TLE MEMBRANE	✓		
			CESSIVE WEAR	▼	MEMBRAN	IE FI	BERS EXPOSED			
PITCH/POND	_		PAIRS NEEDED						RATING	3
	F		ONDING AREAS				CK DEFLECTION	_		
		`	SOME PONDING		E	XCE	SSIVE PONDING	V		
FLASHING		RF	PAIRS NEEDED						RATING	3
ILAGIIIIVO			EAL/REPAIR ALL		RES	FAI /	REPAIR SELECT		SS RATING	
			COAT AC DUCT	~			L/RECOAT WALL			
			WALL FLASHING							
DRAINAGE		RE	PAIRS NEEDED						RATING	3
	ADD/E	ENHA	NCE CRICKETS	✓	ADD/EN	IAH	NCE OVERFLOW			
			CLEAR DRAINS				ADD GUTTER			
	GUTT	ER F	REPAIR NEEDED		GUTTE	R C	DATING NEEDED			
PENETRATION		RE	PAIRS NEEDED						RATING	3
		RESI	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT	_		
		REPI	LACE SKYLIGHT		RAISE HEIG	HT V	VHEN POSSIBLE	V		
4.D.D.I.T.I.O.V.4.1			07:01:1:=====							
ADDITIONAL	IN ADD		CTION NEEDED		400	- CVT				
			ROOF ACCESS	_	ADD	EXI	ERNAL LADDER			
MAINTENANCE			AD EQUIPMENT DRAINS CLEAN		KEED	۱۸/ΔΤ	ERWAYS CLEAN			
WAINTENANCE			UNTIL REROOF		KELI	VVAI	TRIM TREES			
			OOF OF DEBRIS		HV	/AC F	REPAIR NEEDED			
			AT SUSPECTED				GUTTERS CLEAR			
	E	EVIDE	ENCE OF LEAKS		YES		NO	✓		
LEAKS										
LEAKS ROOF CONDITIO	N - OVERALL SY	STEN	A RATING							
ROOF CONDITIO	N - OVERALL SY	STEN	1 RATING		REPLACE OR C	COAT	IMMEDIATELY -	SPO ⁻	T REPAIRS ONLY	
	N - OVERALL SY	STEN	I RATING						T REPAIRS ONLY	

MARGINAL

EXCELLENT

GOOD

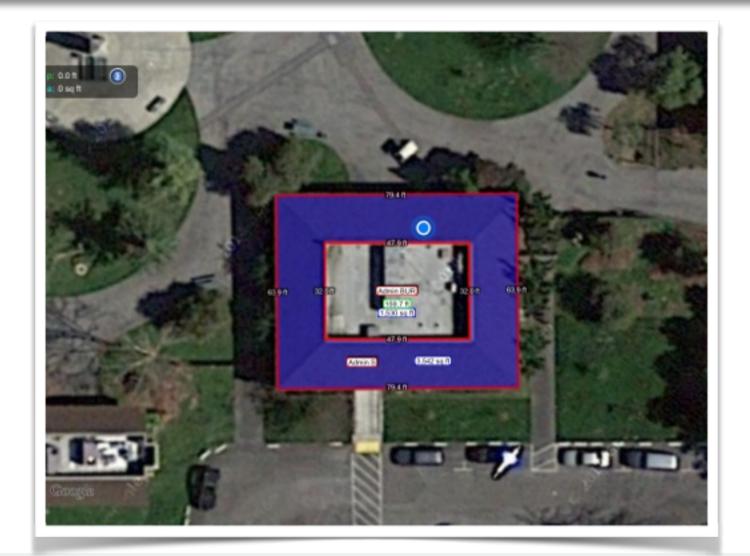
BUR SYSTEM IS IN POOR CONDITION AND MAY COMPROMISE SHINGLE SYTEM IF NOT REPLACED WITHIN A COUPLE OF YEARS.

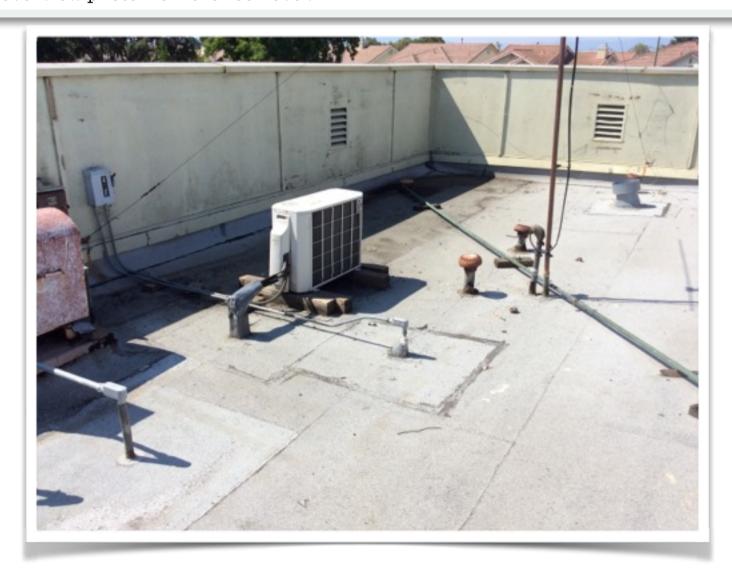
REPLACE OR COAT IN 5-10 YEARS

REPLACE OR COAT IN 10-15 YEARS

ONLY IF ROOF IS LESS THAN 5 YEARS OLD

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$1,500.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$22,500.00





The photo below shows the walls in bad shape.



The photo below shows the penetration flashing in need of a new design.



BUILDING INFOR	RMATION
FACILITY	Foothill HS
DATE	August 18, 2014
BUILDING	Admin Shingles
ROOF SQ FT	3,500
DOOF CONCEDI	ICTION



ROOF SQ FT	3,500						E	VGIVEERIN	IS SERVICES FOR THE BUILDING ENVE	LOPE
ROOF CONSTRU	JCTION									
ROOF AGE	2000	✓	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	METAL SS		SINGLE PLY		BUR		MOD BIT		SHINGLES	
MEM SURFACE	COATING		MS CAP		GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET		HYPALON							
DRAINAGE	JOSAM		SCUPPERS		GUTTERS	✓	OVER EDGE			
SLOPE	NONE		1:12		2:12	✓	3:12		6:12	
ROOF CONDITIO)N - RATINGS (1-1	0) ar	nd RECOMMENDA	TIOI	NS					#
FIELD			EPAIRS NEEDED						RATING	6
TILLD			RESEAL SEAMS		DEDAID D	LICT	ERS or RIDGING		SS RATING	
	01.5						REPAIR NEEDED		COTATING	
			OOF OF DEBRIS							
	DECK		AIR SUSPECTED				ACE FASTENERS			
		CF	AZE CRACKING		E	3RIT	TLE MEMBRANE			
			SOME WEAR	✓	MEMBRAN	IE FI	BERS EXPOSED			
PITCH/POND			PAIRS NEEDED						RATING	8
	F		ONDING AREAS				CK DEFLECTION			
		,	SOME PONDING		E	XCE	SSIVE PONDING			
		D.							DATINIO	0
FLASHING			EPAIRS NEEDED		DEO	- A I /			RATING	3
			EAL/REPAIR ALL				REPAIR SELECT L/RECOAT WALL		SS RATING	
			ECOAT AC DUCT		RE		P FLASH FAILING			
DRAINAGE	INLO		EPAIRS NEEDED			CAI	T LAGITT AILING		RATING	8
2.0 0.102	ADD/E		NCE CRICKETS		ADD/EI	1AH	NCE OVERFLOW			
			CLEAR DRAINS				ADD GUTTER			
	GUTT	ER F	REPAIR NEEDED		GUTTE	R C	DATING NEEDED			
PENETRATION		RE	PAIRS NEEDED						RATING	-
		RES	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			
		REP	LACE SKYLIGHT		RAISE HEIG	HT V	VHEN POSSIBLE			
ADDITIONAL		Д	CTION NEEDED							
	IMPF	ROVE	ROOF ACCESS		ADD	EXT	ERNAL LADDER			
			AD EQUIPMENT							
MAINTENANCE			DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN			
			UNTIL REROOF		1.0	/A O I	TRIM TREES	V		
	-		OOF OF DEBRIS AT SUSPECTED				REPAIR NEEDED BUTTERS CLEAR			
LEAKS			ENCE OF LEAKS		YES		NO	_		
		_			TEO		140		_	
VERY POOR	ON - OVERALL SY	2 LEV	RATING		DEDI ACE OD C	· O A T	IMMEDIATELY - S	SPOT	L DEDVIDS OVI A	
POOR							Γ IN 1-2 YEARS - S			
					NEFLACE UK (JUA				
FAIR									AT IN 3-5 YEARS	
MARGINAL							REPLACE OR	COA	T IN 5-10 YEARS	

GOOD

EXCELLENT

THE WALL CAP FLASHING MAY ALLOW MOISTURE UNDER THE SHINGLE SYSTEM WHICH WOULD HASTEN ITS AGING.

REPLACE OR COAT IN 10-15 YEARS

30 YEAR SHINGLES

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$0.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$52,500.00



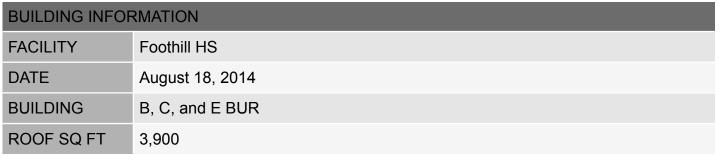


Keep gutters clean - trimming trees saves on maintenance and roof system aging.



The photo below shows the shingles starting to wear.







BUILDING	B, C, and E BUR						E		NG SERVICES FOR THE BUILDING ENVE	ELOPE
ROOF SQ FT	3,900							_		
ROOF CONSTRU	JCTION									
ROOF AGE	2010	\	0-5 YEARS		5-10 YEARS		10-15 YEARS		15+ YEARS	
DECK TYPE	METAL		PLYWOOD	\	PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE	S	ISO		FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	METAL SS		SINGLE PLY		BUR	✓	MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP	~	GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET	~	HYPALON							
DRAINAGE	JOSAM		SCUPPERS	~	GUTTERS		OVER EDGE			
SLOPE	NONE		1:12		2:12		3:12		6:12	
	ON - RATINGS (1-1			AHOI	NS				DATING	#
FIELD			EPAIRS NEEDED						RATING	8
			RESEAL SEAMS				ERS or RIDGING		SS RATING	
	CLEA	AR R	OOF OF DEBRIS		DE	CK I	REPAIR NEEDED			
	DECK	REPA	AIR SUSPECTED		RESEAL/F	RPLA	ACE FASTENERS			
		CF	RAZE CRACKING		ı	3RIT	TLE MEMBRANE			
		EX	CESSIVE WEAR		MEMBRAN	IE FI	BERS EXPOSED			
PITCH/POND		RE	EPAIRS NEEDED						RATING	8
	F	ILL P	ONDING AREAS		FIX	(DE	CK DEFLECTION			
		;	SOME PONDING		E	XCE	SSIVE PONDING			
FLASHING		RE	EPAIRS NEEDED						RATING	8
		RES	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT		SS RATING	
	RESEA	AL/RE	ECOAT AC DUCT		RE	SEA	L/RECOAT WALL			
	RES		WALL FLASHING							_
DRAINAGE			EPAIRS NEEDED						RATING	8
	ADD/E	=NH/	ANCE CRICKETS		ADD/E	IAHV	NCE OVERFLOW			
	CUTT	ED E	CLEAR DRAINS REPAIR NEEDED		CUTTE	D C	ADD GUTTER DATING NEEDED			
PENETRATION	GUTT		EPAIRS NEEDED		GUITE	K C	DATING NEEDED		RATING	8
FENETIVATION			EAL/REPAIR ALL		RES	ΕΔΙ /	REPAIR SELECT		IVATING	0
			LACE SKYLIGHT				VHEN POSSIBLE			
			_, , , , , _ , _ , _ , _ , _ , _				000.522			
ADDITIONAL		A	ACTION 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 R	OOF OF DEBRIS		HV	/AC F	REPAIR NEEDED			
	ŀ	IAZN	IAT SUSPECTED		KEEP	SS G	GUTTERS CLEAR			
LEAKS	E	EVIDI	ENCE OF LEAKS		YES		NO	✓		
ROOF CONDITIO	ON - OVERALL SY	STE	M RATING							
VERY POOR					REPLACE OR C	COAT	IMMEDIATELY - S	SPO	T REPAIRS ONLY	
POOR					REPLACE OR	COA	Γ IN 1-2 YEARS - \$	SPO	T REPAIRS ONLY	
FAIR							REPLACE OF	R CO	OAT IN 3-5 YEARS	
MARGINAL							REPLACE OR	COA	AT IN 5-10 YEARS	
GOOD							REPLACE OR C	COAT	T IN 10-15 YEARS	\

EXCELLENT

BUR SYSTEM LOOKS GOOD.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$2,500.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$58,500.00

ONLY IF ROOF IS LESS THAN 5 YEARS OLD

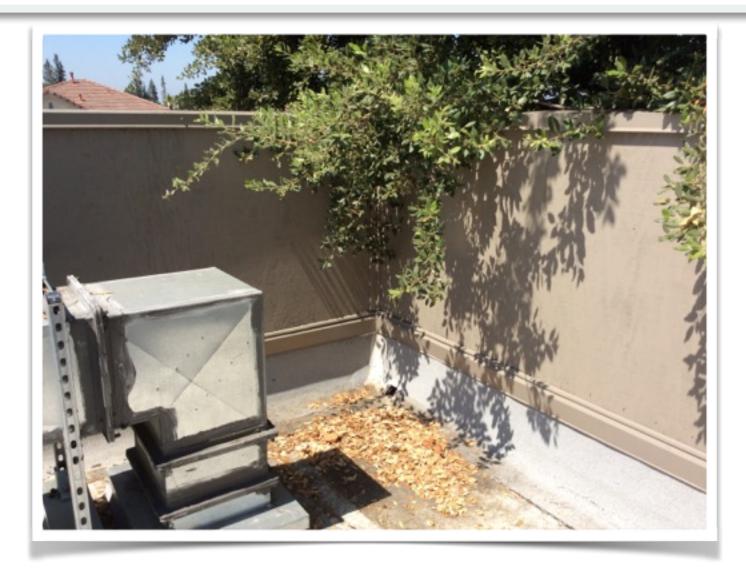


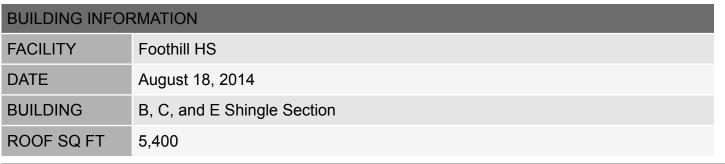


The photo below shows the drain area in good condition with no ponding.



Trimming trees will prolong the life of the roof.







30 YEAR SHINGLES **✓**

BOILDING	b, C, and E Shing		Clion					ENGINEERIN	NG SERVICES FOR THE BUILDING ENVE	LOPE
ROOF SQ FT	5,400							_		
ROOF CONSTRU	JCTION									
ROOF AGE	2010		0-5 YEARS		5-10 YEARS		10-15 YEARS		15+ YEARS	
DECK TYPE	METAL		PLYWOOD	\checkmark	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		SINGLE PLY		BUR		MOD BIT		SHINGLES	\
MEM SURFACE	COATING		MS CAP		GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET		HYPALON							
DRAINAGE	JOSAM		SCUPPERS		GUTTERS	✓	OVER EDGE			
SLOPE	NONE		1:12		2:12	✓	3:12		6:12	
ROOF CONDITIC	ON - RATINGS (1-1	0) and	H RECOMMENDA	ATIOI	NS					#
FIELD	71 10111100 (1 1		PAIRS NEEDED		10	-		-	RATING	8
FIELD					DEDAID	LIOTI			SS RATING	
			RESEAL SEAMS				ERS or RIDGING		33 KATING	
			OF OF DEBRIS				REPAIR NEEDED			
	DECK	REPA	IR SUSPECTED		RESEAL/F	RPLA	CE FASTENERS			
		CR	AZE CRACKING		[BRITT	TLE MEMBRANE			
		EXC	CESSIVE WEAR		MEMBRAN	NE FIE	BERS EXPOSED			
PITCH/POND		RE	PAIRS NEEDED						RATING	8
	F	ILL PO	ONDING AREAS		FIX	(DEC	CK DEFLECTION			
		S	OME PONDING		Е	XCES	SSIVE PONDING			
FLASHING			PAIRS NEEDED						RATING	8
			AL/REPAIR ALL				REPAIR SELECT		SS RATING	
			COAT AC DUCT		RE	SEAL	_/RECOAT WALL			
DDAINIAGE	RESI		VALL FLASHING						DATING	0
DRAINAGE	4 DD/E		PAIRS NEEDED NCE CRICKETS		ADD/EN		ICE OVERFLOW		RATING	8
	ADDIE		CLEAR DRAINS		ADD/EI	NI IAIN	ADD GUTTER			
	GUTT		EPAIR NEEDED		GUTTE	R CC	ADD OOTTEN OATING NEEDED			
PENETRATION	3011		PAIRS NEEDED		00112		THING INCEDED		RATING	_
			AL/REPAIR ALL		RES	EAL/F	REPAIR SELECT			
		REPL	ACE SKYLIGHT		RAISE HEIG	HT W	/HEN POSSIBLE			
ADDITIONAL		A	CTION NEEDED							
	IMPF	ROVE	ROOF ACCESS		ADD	EXT	ERNAL LADDER			
	REMOV	E DEA	AD EQUIPMENT							
MAINTENANCE	K	KEEP	DRAINS CLEAN		KEEP	WATE	ERWAYS CLEAN			
	SPOT RE	PAIR	UNTIL REROOF				TRIM TREES	✓		
	CLEA	AR RC	OF OF DEBRIS		HV	/AC F	REPAIR NEEDED			
	Н	IAZM/	AT SUSPECTED		KE	EP G	UTTERS CLEAR	_		
LEAKS	E	EVIDE	NCE OF LEAKS		YES		NO			
ROOF CONDITIO	ON - OVERALL SYS	STEM	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							REPLACE OR	COA	T IN 5-10 YEARS	
GOOD							REPLACE OR (COAT	IN 10-15 YEARS	

ADDITIONAL NOTES

EXCELLENT

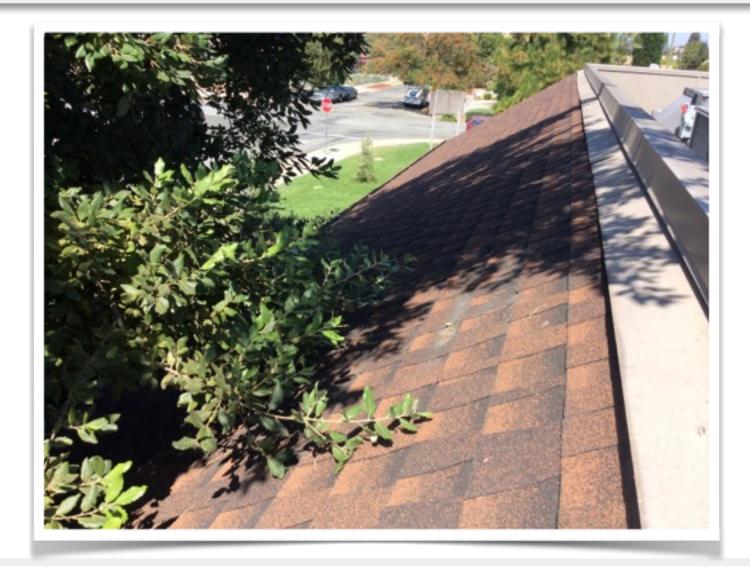
SHINGLE SYSTEM IS IN GREAT SHAPE.

	BUDGET ESTIMATES
\$0.00	IMMEDIATE REPAIRS AS RECOMMENDED
\$0.00	YEARLY PREVENTIVE MAINENANCE
\$0.00	ROOF RECOATING
\$81,000.00	ROOF REPLACEMENT





The photo below shows the shingles in great condition.



The photo below shows the gutters and drainage blocked.







BUILDING	F Multipurpose ar	nd G	BUR				E		IN E E K I N IG SERVICES FOR THE BUILDING ENVI	ELOPE
ROOF SQ FT	4,500							_		
ROOF CONSTRU	JCTION									
ROOF AGE	2000	⋖	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	METAL SS		SINGLE PLY		BUR		MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP		GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET		HYPALON							
DRAINAGE	JOSAM	_	SCUPPERS		GUTTERS		OVER EDGE			
SLOPE	NONE		1:12		2:12		3:12		6:12	
							3.12		0.12	
ROOF CONDITIO	DN - RATINGS (1-1	(0) aı	nd RECOMMENDA	1OITA	NS .					#
FIELD		R	EPAIRS NEEDED						RATING	3
			RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING		SS RATING	
	CLEA	AR R	OOF OF DEBRIS		DE	CK F	REPAIR NEEDED			
	DECK	REP	AIR SUSPECTED	\	RESEAL/F	RPLA	CE FASTENERS			
		CF	RAZE CRACKING			BRIT	TLE MEMBRANE	✓		
		Ε>	CESSIVE WEAR	~	MEMBRAN	NE FI	BERS EXPOSED			
PITCH/POND		R	EPAIRS NEEDED						RATING	3
	F	ILL F	PONDING AREAS		FIX	(DE	CK DEFLECTION			
			SOME PONDING	⋖	E	XCE	SSIVE PONDING			
FLASHING		R	EPAIRS NEEDED						RATING	3
		RES	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT		SS RATING	
	RESEA	AL/R	ECOAT AC DUCT	⋖	RE	SEA	L/RECOAT WALL	✓		
	RES	EAL	WALL FLASHING							
DRAINAGE		R	EPAIRS NEEDED						RATING	3
	ADD/E	ENH	ANCE CRICKETS	⋖	ADD/E	1AH/	NCE OVERFLOW			
			CLEAR DRAINS				ADD GUTTER			
	GUTT		REPAIR NEEDED		GUTTE	RCC	DATING NEEDED			_
PENETRATION			EPAIRS NEEDED						RATING	3
			EAL/REPAIR ALL				REPAIR SELECT	_		
		KEP	LACE SKYLIGHT		RAISE HEIG	iH I V	VHEN POSSIBLE	⋖		
ADDITIONAL		,	ACTION NEEDED							
ADDITIONAL	IMPE		E ROOF ACCESS		ADD	FXT	ERNAL LADDER			
			EAD EQUIPMENT		7,00					
MAINTENANCE			P DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN			
	SPOT RE	PAIF	UNTIL REROOF				TRIM TREES			
	CLEA	AR R	OOF OF DEBRIS		ΗV	/AC F	REPAIR NEEDED	✓		
	H	HAZN	NAT SUSPECTED		KEEP	SS G	GUTTERS CLEAR			
LEAKS	E	EVID	ENCE OF LEAKS		YES	✓	NO			
ROOF CONDITIO	ON - OVERALL SY	STE	M RATING							
VERY POOR					REPLACE OR C	COAT	IMMEDIATELY - S	SPOT	T REPAIRS ONLY	
POOR									T REPAIRS ONLY	
FAIR						-			AT IN 3-5 YEARS	
MARGINAL									T IN 5-10 YEARS	
GOOD									IN 10-15 YEARS	
3000							THE LABOR OF C	. O/ \1	10 10 12/410	

EXCELLENT

BUR SYSTEM IS IN POOR CONDITION AND MAY COMPROMISE SHINGLE SYTEM IF NOT REPLACED WITHIN A COUPLE OF YEARS.

ONLY IF ROOF IS LESS THAN 5 YEARS OLD

	BUDGET ESTIMATES
\$0.00	IMMEDIATE REPAIRS AS RECOMMENDED
\$1,500.00	YEARLY PREVENTIVE MAINENANCE
\$0.00	ROOF RECOATING
T \$67,500.00	ROOF REPLACEMENT



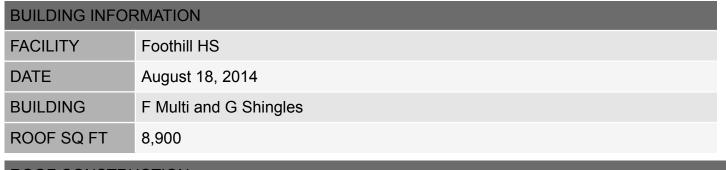


The photo below shows the walls in bad shape.



The photo below shows signs of leaking.







30 YEAR SHINGLES

BUILDING	F Multi and G Shingles E N G I N E E R I N ENGINEERING SERVICES FOR THE BUILDING ENVEL									G ELOPE
ROOF SQ FT	8,900							_		
ROOF CONSTRU	JCTION									
ROOF AGE	2000	✓	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	METAL SS		SINGLE PLY		BUR		MOD BIT		SHINGLES	✓
MEM SURFACE	COATING		MS CAP		GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET		HYPALON							
DRAINAGE	JOSAM		SCUPPERS		GUTTERS	-	OVER EDGE			
SLOPE	NONE		1:12		2:12		3:12		6:12	
POOF CONDITIO		0) on								#
	ON - RATINGS (1-1			ATIOI	NO.	-		•	RATING	6
FIELD			EPAIRS NEEDED		DEDAID D				SS RATING	
			RESEAL SEAMS				ERS or RIDGING		33 RATING	
			OOF OF DEBRIS		DE	CK F	REPAIR NEEDED			
	DECK I		AIR SUSPECTED		RESEAL/F	RPLA	ACE FASTENERS			
		CR	AZE CRACKING		BRITTLE MEMBRANE					
			SOME WEAR	✓	MEMBRAN	IE FI	BERS EXPOSED			
PITCH/POND		RE	EPAIRS NEEDED						RATING	8
	F	ILL P	ONDING AREAS		FIX DECK DEFLECTION					
		5	SOME PONDING		EXCESSIVE PONDING					
FLASHING	REPAIRS NEEDED				DEO				RATING	3
	RESEAL/REPAIR ALL RESEAL/RECOAT AC DUCT						REPAIR SELECT		SS RATING	
			WALL FLASHING		RESEAL/RECOAT WALL CAP FLASH FAILING					
DRAINAGE	IXESI		EPAIRS NEEDED			CAL	T LASITI AILING		RATING	8
DIV III VIOL	ADD/E		NCE CRICKETS		ADD/EN	1AH	NCE OVERFLOW		1011110	
			CLEAR DRAINS				ADD GUTTER			
	GUTT	ER F	REPAIR NEEDED		GUTTE	R CC	DATING NEEDED	✓		
PENETRATION		RE	EPAIRS NEEDED						RATING	-
		RESI	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			
		REPI	LACE SKYLIGHT		RAISE HEIG	HT V	VHEN POSSIBLE			
ADDITIONAL		Α	CTION NEEDED							
			ROOF ACCESS		ADD	EXT	ERNAL LADDER			
			AD EQUIPMENT		1/550					
MAINTENANCE			DRAINS CLEAN		KEEP	WAI	ERWAYS CLEAN			
			UNTIL REROOF OOF OF DEBRIS		TRIM TREES HVAC REPAIR NEEDED					
	_		AT SUSPECTED				GUTTERS CLEAR			
LEAKS			ENCE OF LEAKS		YES		NO	_		
					120		110			
VERY POOR	ON - OVERALL SYS	STEN	RATING		DEDI ACE OD C	`_ ^T		SPO	T DEDAIDS ONLY	
POOR	REPLACE OR COAT IMMEDIATELY - SPOT REPAIRS ONLY REPLACE OR COAT IN 1-2 YEARS - SPOT REPAIRS ONLY									
					NEFLAGE UK (JUAI				
FAIR									AT IN 3-5 YEARS	
MARGINAL									T IN 5-10 YEARS	
GOOD	REPLACE OR COAT IN 10-15 YEARS									

ADDITIONAL NOTES

EXCELLENT

THE SHINGLE SYSTEM IS DOING WELL. THE GUTTERS ARE RUSTING AND NEED TO BE COATED. DO AT THE SAME TIME AS THE REROOF.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$0.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$133,500.00

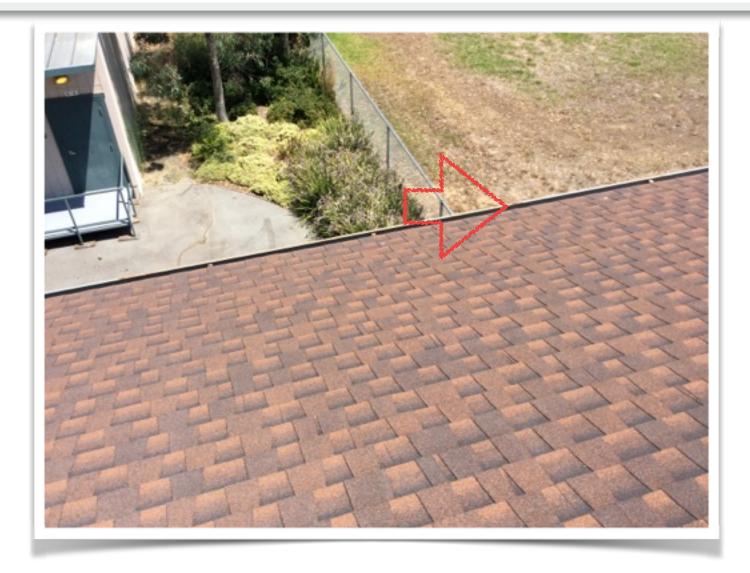




The cap flashing needs to be replaced with the reroof of the BUR system.



The photo below shows the gutters rusting.



BUILDING INFORMATION									
FACILITY	Foothill HS								
DATE	August 18, 2014								
BUILDING	FLC BUR								
ROOF SQ FT	1,300								
DOOE CONSTRUCTION									



DOILDING	I LC DOIX						E	NGIVEERIN	NG SERVICES FOR THE BUILDING ENVE	LOPE
ROOF SQ FT	1,300							_		
ROOF CONSTRU	JCTION									
ROOF AGE	2000	\	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	METAL SS		SINGLE PLY		BUR	\checkmark	MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP	✓	GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET	~	HYPALON							
DRAINAGE	JOSAM	✓	SCUPPERS		GUTTERS		OVER EDGE			
SLOPE	NONE		1:12	_	2:12		3:12		6:12	
ROOF CONDITIC	N - RATINGS (1-1	0) ar	nd RECOMMENDA	OITA	NS					#
FIELD		RE	EPAIRS NEEDED						RATING	4
			RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING		SS RATING	
	CLEA	AR R	OOF OF DEBRIS		DE	CK F	REPAIR NEEDED			
	DECK I	REPA	AIR SUSPECTED		RESEAL/F	RPLA	CE FASTENERS			
		CF	RAZE CRACKING	~			TLE MEMBRANE			
	EXCESSIVE WEAR						BERS EXPOSED			
PITCH/POND	REPAIRS NEEDED				MEMBITAINE FIBERO EXFOSED				RATING	6
	FILL PONDING AREAS				FIX	(DE	CK DEFLECTION			
	SOME PONDING				Е	XCE	SSIVE PONDING			
FLASHING		RE	EPAIRS NEEDED	✓					RATING	3
	RESEAL/REPAIR ALL				RES	EAL/	REPAIR SELECT		SS RATING	
	RESEAL/RECOAT AC DUCT				RE	SEA	L/RECOAT WALL	I		
	RESI		WALL FLASHING	✓	W	ALL F	REPAIR NEEDED	✓		
DRAINAGE	A D.D.//		EPAIRS NEEDED		A D.D./FA		IOE OVEDELOW		RATING	5
	ADD/E	=NH <i>F</i>	ANCE CRICKETS CLEAR DRAINS		ADD/EI	NHAI	ADD GUTTER			
	GUTT	FR F	REPAIR NEEDED		GUTTE	R CC	ADD GOTTER OATING NEEDED			
PENETRATION	3011		EPAIRS NEEDED		COTTE		WINO NEEDED		RATING	3
			EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			
		REP	LACE SKYLIGHT		RAISE HEIGHT WHEN POSSIBLE					
ADDITIONAL		Д	CTION NEEDED							
	IMPF	ROVE	ROOF ACCESS	✓	ADD	EXT	ERNAL LADDER			
			AD EQUIPMENT							
MAINTENANCE			DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN			
			UNTIL REROOF		1.0	/A C F	TRIM TREES REPAIR NEEDED			
			OOF OF DEBRIS			_	SUTTERS CLEAR			
LEAKS			ENCE OF LEAKS		YES		NO	_		
	ON - OVERALL SYS				. 20					
VERY POOR	NA - OVERALL ST		WITCHING		REPLACE OR C	:ΟΔΤ		SPO	T REPAIRS ONLY	
POOR									T REPAIRS ONLY	
FAIR					THE LAGE ON				AT IN 3-5 YEARS	
IAIIX							REPLACE OF	00	AT IN 3-3 TEARS	

MARGINAL

EXCELLENT

GOOD

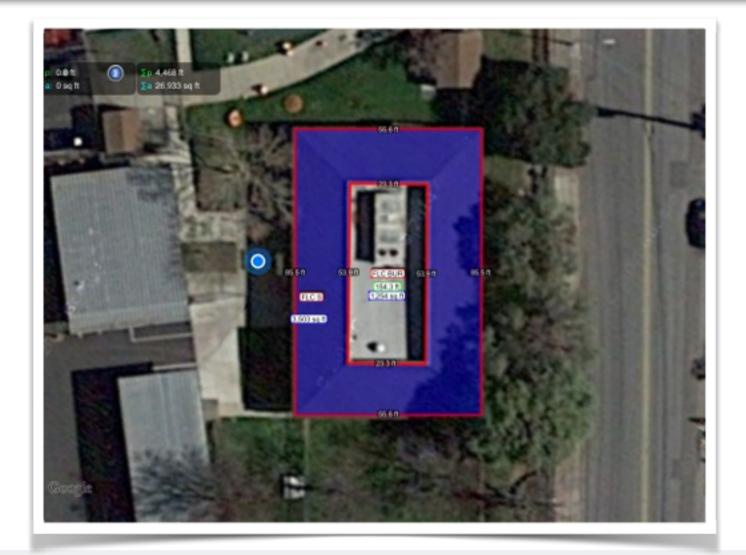
DUE TO THE CONDITION OF THE WALLS AND THE WALL FLASHING, AND THE AGE OF THE ROOF, IT WOULD BE OUR RECOMMENDATION TO REPLACE IT AT THE SAME TIME AS F AND G. HOWEVER WITH THE ABOVE REPAIRS IT COULD BE DELAYED FOR A FEW YEARS.

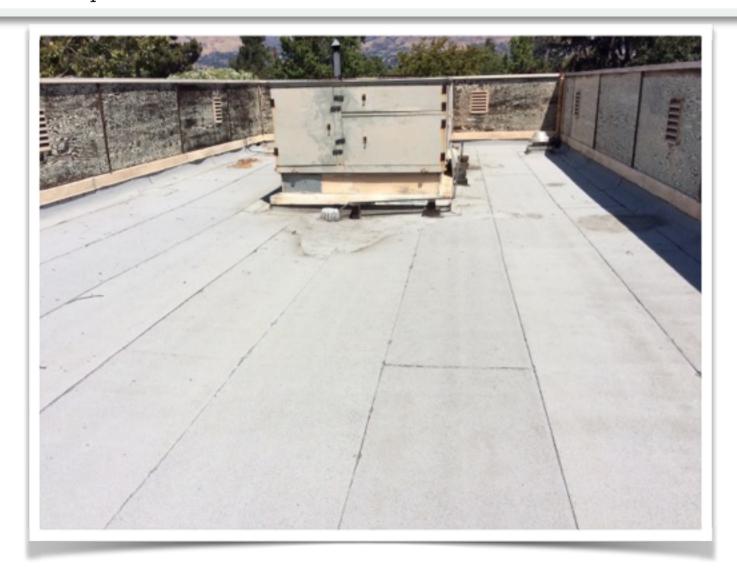
REPLACE OR COAT IN 5-10 YEARS

REPLACE OR COAT IN 10-15 YEARS

ONLY IF ROOF IS LESS THAN 5 YEARS OLD

	BUDGET ESTIMATES
\$5,000.00	IMMEDIATE REPAIRS AS RECOMMENDED
\$1,500.00	YEARLY PREVENTIVE MAINENANCE
\$0.00	ROOF RECOATING
\$19,500.00	ROOF REPLACEMENT





The photo below shows the walls in bad shape.



The photo below shows the need for resealing the penetrations.







BUILDING	FLC Portables A a	and E					E		IG SERVICES FOR THE BUILDING ENVE	ELOPE
ROOF SQ FT	2,800							_		
ROOF CONSTRU	JCTION									
ROOF AGE	UNKNOWN		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	METAL SS	✓	SINGLE PLY		BUR		MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP		GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET		HYPALON							
DRAINAGE	JOSAM		SCUPPERS		GUTTERS	\	OVER EDGE			
SLOPE	NONE		1:12	✓	2:12		3:12		6:12	
ROOF CONDITIO	ON - RATINGS (1-1	0) ar	nd RECOMMENDA	ATIOI	NS					#
FIELD		RE	EPAIRS NEEDED	✓					RATING	5
			RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING			
	CLEA	AR R	OOF OF DEBRIS		DE	CK I	REPAIR NEEDED			
			AIR SUSPECTED		RESEAL/E	RPI A	ACE FASTENERS			
			RAZE CRACKING				TLE MEMBRANE			
	EXCESSIVE WEAR						BERS EXPOSED			
PITCH/POND			EPAIRS NEEDED		IVILIVIDICAL	NE FI	BERS EXPOSED		RATING	6
FITCH/FOND	FILL PONDING AREAS				FIX	(DF	CK DEFLECTION		NATING	U
	SOME PONDING						SSIVE PONDING			
FLASHING		RE	EPAIRS NEEDED	✓					RATING	3
	RESEAL/REPAIR ALL				RES	EAL/	REPAIR SELECT			
	RESEAL/RECOAT AC DUCT				RE	SEA	L/RECOAT WALL			
	RESI	EAL \	WALL FLASHING		E	XCE	SSIVE RUSTING	✓		
DRAINAGE		RE	EPAIRS NEEDED						RATING	6
	ADD/E	ENHA	ANCE CRICKETS		ADD/EN	IAH	NCE OVERFLOW			
	OUTT		CLEAR DRAINS		OUTTE	D 04	ADD GUTTER	_		
PENETRATION	GUII		REPAIR NEEDED EPAIRS NEEDED		GUITE	RCC	DATING NEEDED	•	RATING	5
FENETRATION			EAL/REPAIR ALL		RES	ΕΔΙ /	REPAIR SELECT		RATING	5
			LACE SKYLIGHT		RAISE HEIGHT WHEN POSSIBLE					
ADDITIONAL		Δ	CTION NEEDED							
	IMPR	ROVE	ROOF ACCESS		ADD	EXT	TERNAL LADDER			
	REMOV	E DE	AD EQUIPMENT							
MAINTENANCE	k	ŒEP	DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN			
	SPOT RE	PAIR	UNTIL REROOF				TRIM TREES			
			OOF OF DEBRIS				REPAIR NEEDED			
. =			IAT SUSPECTED			SS G	SUTTERS CLEAR			
LEAKS	E	VIDI	ENCE OF LEAKS		YES		NO	•		_
	ON - OVERALL SYS	STEN	RATING		DEDI AGE GE			200	T DEDALES STORY	
VERY POOR									F REPAIRS ONLY	
POOR					REPLACE OR (COA	T IN 1-2 YEARS -			
FAIR									AT IN 3-5 YEARS	
MARGINAL							REPLACE OR	COA	T IN 5-10 YEARS	

GOOD

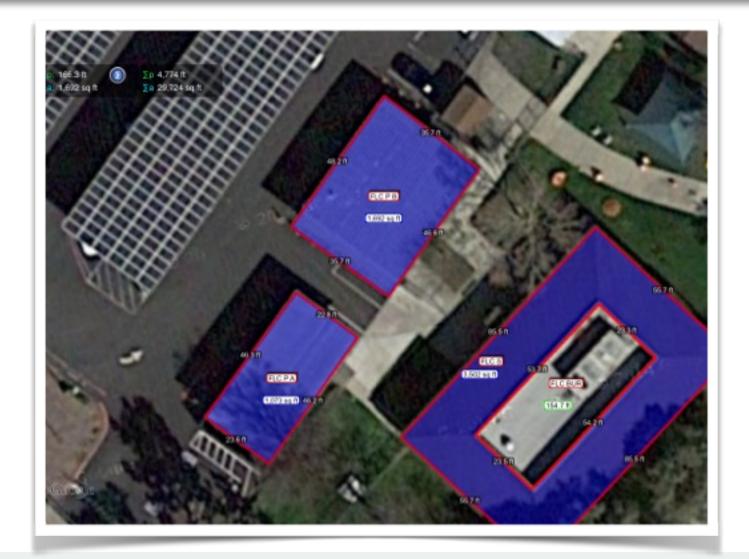
EXCELLENT

"B" NEEDS THE FASTENERS AND PENETRATIONS RESEALED ALONG WITH THE EDGE METAL AND GUTTER COATING. ROOF "A" JUST NEEDS THE EDGE METAL AND GUTTER COATING. IT WOULD NOT BE A BAD IDEA TO COAT THE ROOFS AT THE SAME TIME IF POSSIBLE.

REPLACE OR COAT IN 10-15 YEARS

ONLY IF ROOF IS LESS THAN 5 YEARS OLD

	BUDGET ESTIMATES
\$6,000.00	IMMEDIATE REPAIRS AS RECOMMENDED
\$500.00	YEARLY PREVENTIVE MAINENANCE
\$28,000.00	ROOF RECOATING
\$0.00	ROOF REPLACEMENT





The photo below shows the fastener sealant failing on roof B.



The photo below shows the gutter and edge detail rusting - treatment is needed.



BUILDING INFORMATION									
FACILITY	Foothill HS								
DATE	August 18, 2014								
BUILDING	FLC Shingles								
ROOF SQ FT	3,500								
BOOF CONSTRUCTION									



							J.	NGIVEERIN	g Services for the Building Enve	LOPE
ROOF SQ FT	3,500							_		
ROOF CONSTRU	JCTION									
ROOF AGE	2000	✓	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	METAL SS		SINGLE PLY		BUR		MOD BIT		SHINGLES	\checkmark
MEM SURFACE	COATING		MS CAP		GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET		HYPALON							
DRAINAGE	JOSAM		SCUPPERS		GUTTERS	\	OVER EDGE			
SLOPE	NONE		1:12		2:12	✓	3:12		6:12	
ROOF CONDITIO	DN - RATINGS (1-1	0) an	d RECOMMENDA	OITA	NS					#
FIELD		RE	PAIRS NEEDED						RATING	6
		F	RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING		SS RATING	
	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			
	SOME WEAR						BERS EXPOSED			
PITCH/POND		RF	PAIRS NEEDED		WEWDION	.	BEITO EXI COLD		RATING	8
111011/1 0145	FILL PONDING AREAS				FIX	(DE(CK DEFLECTION		1001110	
	SOME PONDING				EXCESSIVE PONDING					
FLASHING		RE	PAIRS NEEDED						RATING	3
	RESEAL/REPAIR ALL				RES	EAL/I	REPAIR SELECT		SS RATING	
	RESEA	AL/RE	COAT AC DUCT		RE	SEAL	L/RECOAT WALL			
	RES	EAL V	VALL FLASHING			CAP	FLASH FAILING	✓		
DRAINAGE		RE	PAIRS NEEDED						RATING	8
	ADD/E		NCE CRICKETS		ADD/ENHANCE OVERFLOW					
	OUTT		CLEAR DRAINS		ADD GUTTER GUTTER COATING NEEDED					
PENETRATION	GUII		EPAIR NEEDED PAIRS NEEDED		GUTTER COATING NEEDEL				RATING	
FLINETIVATION			EAL/REPAIR ALL		RES	FAI /		IVATING	_	
			ACE SKYLIGHT		RESEAL/REPAIR SELECT RAISE HEIGHT WHEN POSSIBLE					
ADDITIONAL		A	CTION NEEDED							
	IMPF	ROVE	ROOF ACCESS		ADD	EXT	ERNAL LADDER			
	REMOV	E DE	AD EQUIPMENT							
MAINTENANCE	KEEP DRAINS CLEAN				KEEP	WAT	ERWAYS CLEAN			
	SPOT RE	SPOT REPAIR UNTIL REROOF					TRIM TREES			
	CLEA	AR RO	OOF OF DEBRIS		HVAC REPAIR NEEDED					
			AT SUSPECTED			EP G	UTTERS CLEAR			
LEAKS	E	VIDE	NCE OF LEAKS		YES		NO	\		
ROOF CONDITIO	ON - OVERALL SY	STEM	RATING							
VERY POOR					REPLACE OR C	COAT	IMMEDIATELY -	SPOT	REPAIRS ONLY	
POOR					REPLACE OR COAT IN 1-2 YEARS - SPOT REPAIRS ONLY					
FAIR							REPLACE O	R CO	AT IN 3-5 YEARS	
MARGINAL				REPLACE OR COAT IN 5-10 YEARS						

MARGINAL REPLACE OR COAT IN 5-10 YEARS REPLACE OR COAT IN 10-15 YEARS GOOD **EXCELLENT** 30 YEAR SHINGLES

ADDITIONAL NOTES

THE SHINGLE SYSTEM IS DOING WELL. THE GUTTERS ARE RUSTING AND NEED TO BE COATED. DO AT THE SAME TIME AS THE REROOF.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$0.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$52,500.00





The cap flashing needs to be replaced with the reroof of the BUR system.



Another overview from the roof level.







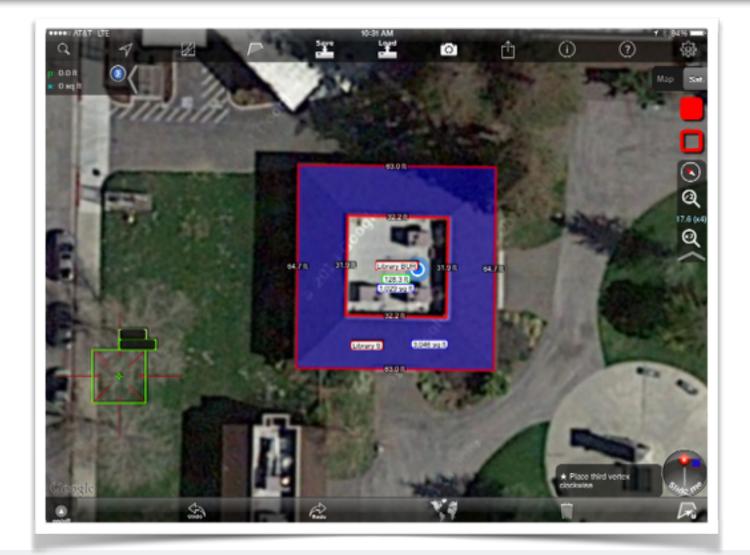
BUILDING	Library								IG SERVICES FOR THE BUILDING ENVE	ELOPE
ROOF SQ FT	1,030							_		
ROOF CONSTRU	JCTION									
ROOF AGE	2007		0-5 YEARS		5-10 YEARS		10-15 YEARS		15+ YEARS	
DECK TYPE	METAL		PLYWOOD	\	PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE	\	ISO		FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	METAL SS		SINGLE PLY		BUR	✓	MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP	\	GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET	\	HYPALON							
DRAINAGE	JOSAM	\	SCUPPERS		GUTTERS		OVER EDGE			
SLOPE	NONE		1:12		2:12		3:12		6:12	
ROOF CONDITIO)N - RATINGS (1-1	I0) ar	nd RECOMMENDA	ATIOI	NS					#
FIELD	,		EPAIRS NEEDED						RATING	6
			RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING		SS RATING	
	CI E		OOF OF DEBRIS				REPAIR NEEDED			
			AIR SUSPECTED				CE FASTENERS			
	22011		RAZE CRACKING				TLE MEMBRANE			
			CESSIVE WEAR							
PITCH/POND					MEMBRAN	NE FI	BERS EXPOSED		RATING	6
FITCH/FOND	REPAIRS NEEDED FILL PONDING AREAS				FIX DECK DEFLECTION				RATING	O
	SOME PONDING						SSIVE PONDING			
FLASHING	REPAIRS NEEDED								RATING	6
	RESEAL/REPAIR ALL				RES	EAL/	REPAIR SELECT		SS RATING	
	RESEAL/RECOAT AC DUCT				RE	SEA	L/RECOAT WALL			
	RESEAL WALL FLASHING									
DRAINAGE		RE	EPAIRS NEEDED						RATING	7
	ADD/E	ENHA	ANCE CRICKETS		ADD/EI	1AH/	NCE OVERFLOW			
			CLEAR DRAINS				ADD GUTTER			
	GUTT		REPAIR NEEDED		GUTTE	RCC	DATING NEEDED		DATING	
PENETRATION			EPAIRS NEEDED EAL/REPAIR ALL		DEC	Γ ΔΙ/	REPAIR SELECT		RATING	6
			LACE SKYLIGHT		RAISE HEIGHT WHEN POSSIBLE					
		IVEI	LAGE ONTEION		TOTIOL FILIC	,, , , , , , , , , , , , , , , , , , ,	WILLIA I GOODEL			
ADDITIONAL		A	CTION NEEDED							
	IMPF	ROVE	ROOF ACCESS		ADD	EXT	ERNAL LADDER			
	REMOV	E DE	AD EQUIPMENT							
MAINTENANCE	ŀ	KEEP	DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN			
	SPOT RE	PAIR	UNTIL REROOF				TRIM TREES			
	CLEAR ROOF OF DEBRIS				H\	/AC F	REPAIR NEEDED			
	H	HAZN	IAT SUSPECTED		KEEP	SS G	SUTTERS CLEAR			
LEAKS	E	EVIDI	ENCE OF LEAKS		YES		NO	✓		
ROOF CONDITIO	N - OVERALL SY	STE	M RATING							
VERY POOR					REPLACE OR (COAT	IMMEDIATELY -	SPO	TREPAIRS ONLY	
POOR					REPLACE OR	COAT	Γ IN 1-2 YEARS -	SPOT	TREPAIRS ONLY	
FAIR	REPLACE OR COAT IN 3-5 YEARS									
MARGINAL							REPLACE OR	COA	T IN 5-10 YEARS	⋖
GOOD							REPLACE OR (COAT	IN 10-15 YEARS	

EXCELLENT

BUR SYSTEM IS AT MIDPOINT OF LIFE.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$1,500.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$15,450.00

ONLY IF ROOF IS LESS THAN 5 YEARS OLD





The photo below shows the drain area in good condition with no ponding.



The photo below shows the beginning of some craze cracking - showing some age.







30 YEAR SHINGLES

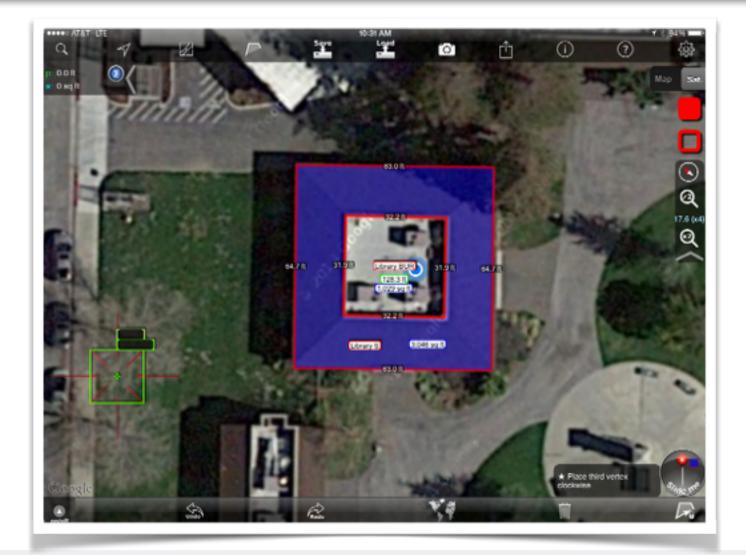
BUILDING	Library Shingle Se	ection	1				E		IG SERVICES FOR THE BUILDING ENVI	ELOPE
ROOF SQ FT	3,000							_		
ROOF CONSTRU	JCTION									
ROOF AGE	2007	✓	0-5 YEARS		5-10 YEARS		10-15 YEARS		15+ YEARS	
DECK TYPE	METAL		PLYWOOD		PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE	\	ISO		FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	METAL SS		SINGLE PLY		BUR		MOD BIT		SHINGLES	✓
MEM SURFACE	COATING		MS CAP		GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET		HYPALON							
DRAINAGE	JOSAM		SCUPPERS		GUTTERS	✓	OVER EDGE			
SLOPE	NONE		1:12		2:12	✓	3:12		6:12	
ROOF CONDITION	ON - RATINGS (1-1	0) ar	nd RECOMMENDA	ATIOI	NS					#
FIELD			EPAIRS NEEDED						RATING	
I ILLD			RESEAL SEAMS		DEDAID D	LICT	ERS or RIDGING		SS RATING	
							REPAIR NEEDED		001011110	
			OOF OF DEBRIS							
	DECK		AIR SUSPECTED				CE FASTENERS			
			RAZE CRACKING				TLE MEMBRANE			
			CESSIVE WEAR		MEMBRAN	IE FII	BERS EXPOSED			_
PITCH/POND			EPAIRS NEEDED						RATING	8
	F		ONDING AREAS				CK DEFLECTION			
		•	SOME PONDING		E	XCE	SSIVE PONDING			
FLASHING		DE	EPAIRS NEEDED						RATING	8
ILASIIING			EAL/REPAIR ALL		RES	FAI/	REPAIR SELECT		SS RATING	
			ECOAT AC DUCT				L/RECOAT WALL		001011110	
			WALL FLASHING							
DRAINAGE		RE	EPAIRS NEEDED						RATING	8
	ADD/E	ENHA	NCE CRICKETS		ADD/E	NHAN	ICE OVERFLOW			
			CLEAR DRAINS				ADD GUTTER			
	GUTT	ER F	REPAIR NEEDED		GUTTE	R CC	DATING NEEDED			
PENETRATION		RE	EPAIRS NEEDED						RATING	-
		RES	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			
		REP	LACE SKYLIGHT		RAISE HEIG	HT V	VHEN POSSIBLE			
		_								
ADDITIONAL	INADE		CTION NEEDED		ADD	CVT	TONAL LADDED			
			ROOF ACCESS AD EQUIPMENT		ADD	EXI	ERNAL LADDER			
MAINTENANCE			DRAINS CLEAN		KEEP	\/\/AT	ERWAYS CLEAN			
MAINTENANOL			UNTIL REROOF		INELI	V V/~\ I	TRIM TREES			
			OOF OF DEBRIS		H\	/AC F	REPAIR NEEDED			
	F	IAZM	AT SUSPECTED		KE	EP G	UTTERS CLEAR	✓		
LEAKS	E	EVIDE	ENCE OF LEAKS		YES		NO	✓		
ROOF CONDITION	ON - OVERALL SY:	STEN	A RATING							
VERY POOR					REPLACE OR C	COAT	IMMEDIATELY - S	SPO	Γ REPAIRS ONLY	
POOR							IN 1-2 YEARS - S			
FAIR									AT IN 3-5 YEARS	
MARGINAL									T IN 5-10 YEARS	
GOOD									IN 10-15 YEARS	
							= 3 e			

ADDITIONAL NOTES

EXCELLENT

SHINGLE SYSTEM IS IN GREAT SHAPE.

	BUDGET ESTIMATES
\$0.00	IMMEDIATE REPAIRS AS RECOMMENDED
\$0.00	YEARLY PREVENTIVE MAINENANCE
\$0.00	ROOF RECOATING
\$45,000.00	ROOF REPLACEMENT



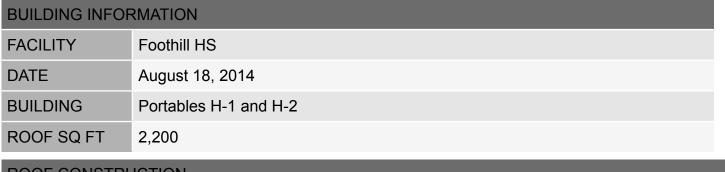


The photo below shows the shingles in great condition.



The photo below shows the cap flashing in good shape.







BUILDING	Portables H-1 and	d H-2						N	G I N E E R I N NG SERVICES FOR THE BUILDING ENVI	6
ROOF SQ FT	2,200							LAGINEERII	NO SERVICES FOR THE DUILDING ENTE	LUPE
ROOF CONSTRU	JCTION									
ROOF AGE	UNKNOWN		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	METAL SS	\	SINGLE PLY		BUR		MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING	✓	MS CAP		GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET		HYPALON							
DRAINAGE	JOSAM		SCUPPERS		GUTTERS	\	OVER EDGE			
SLOPE	NONE		1:12	✓	2:12		3:12		6:12	
ROOF CONDITIO	ON - RATINGS (1-1	0) ar	nd RECOMMENDA	ATIOI	NS					#
FIELD		RI	EPAIRS NEEDED						RATING	4
			RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING			
	CLEA	AR R	OOF OF DEBRIS		DE	CK F	REPAIR NEEDED			
			AIR SUSPECTED		RESEAL/F	RPL <i>A</i>	ACE FASTENERS			
		CF	RAZE CRACKING				TLE MEMBRANE			
			CESSIVE WEAR				BERS EXPOSED			
PITCH/POND			EPAIRS NEEDED		WEWDIV	.	DEINO EXITOGED		RATING	6
	F		ONDING AREAS		FIX	(DE	CK DEFLECTION		7 2 1 1 1 1 1	
		,	SOME PONDING		Е	XCE	SSIVE PONDING			
FLASHING		RI	EPAIRS NEEDED						RATING	5
		RES	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			
			ECOAT AC DUCT		RE	SEA	L/RECOAT WALL			
	RES		WALL FLASHING							
DRAINAGE	ADD //		EPAIRS NEEDED ANCE CRICKETS		4 D.D./EN				RATING	5
	ADD/t	EIN∏ <i>F</i>	CLEAR DRAINS		ADD/EI	νпΑι	NCE OVERFLOW ADD GUTTER			
	GUTT	ER F	REPAIR NEEDED		GUTTE	R CO	DATING NEEDED			
PENETRATION			EPAIRS NEEDED						RATING	_
		RES	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			
		REP	LACE SKYLIGHT		RAISE HEIG	HT V	VHEN POSSIBLE			
ADDITIONAL		P	ACTION NEEDED							
			ROOF ACCESS		ADD	EXT	ERNAL LADDER			
			AD EQUIPMENT							
MAINTENANCE			DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN			
			UNTIL REROOF OOF OF DEBRIS		H\.	/AC F	TRIM TREES REPAIR NEEDED			
			IAT SUSPECTED				SUTTERS CLEAR			
LEAKS			ENCE OF LEAKS		YES			✓		
ROOF CONDITIO	ON - OVERALL SY	STFI	A RATING		_		_		_	
VERY POOR	OVERVIEW OF				REPLACE OR C	COAT	IMMEDIATELY -	SPO ⁻	T REPAIRS ONLY	
POOR									T REPAIRS ONLY	
FAIR							_		OAT IN 3-5 YEARS	
MARGINAL									AT IN 5-10 YEARS	
GOOD									IN 10-15 YEARS	
EXCELLENT						NII V	IF ROOF IS LESS			

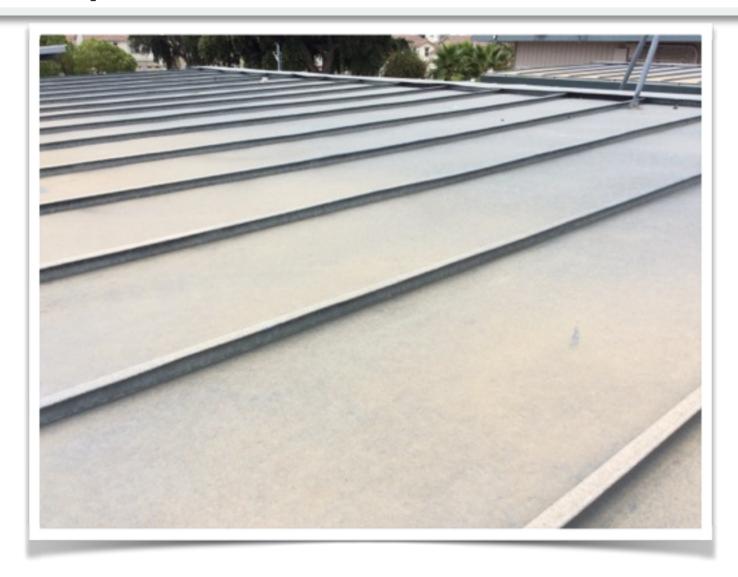
EXCELLENT

ALTHOUGH NOT RUSTING, THESE ROOFS ARE OLDER AND THE COATING IS WEARING OFF. IF LEFT FOR TOO LONG THE PANELS WILL BEGIN TO RUST.

ONLY IF ROOF IS LESS THAN 5 YEARS OLD

	BUDGET ESTIMATES
\$0.00	IMMEDIATE REPAIRS AS RECOMMENDED
\$500.00	YEARLY PREVENTIVE MAINENANCE
\$22,000.00	ROOF RECOATING
\$0.00	ROOF REPLACEMENT

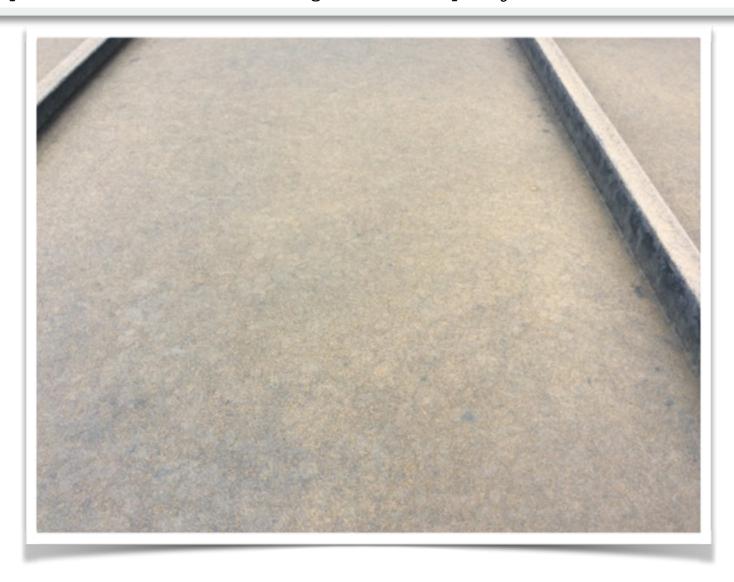




The photo below shows the gutter in fair condition.



The photo below shows the roof coating as almost completely worn off.







BUILDING	Portables I						E		NG SERVICES FOR THE BUILDING ENVI	LOPE
ROOF SQ FT	2,300							_		
ROOF CONSTRU	ICTION									
ROOF AGE	UNKNOWN		0-5 YEARS		5-10 YEARS		10-15 YEARS	✓	15+ YEARS	
DECK TYPE	METAL		PLYWOOD		PLANK		CONCRETE		LW CONCRETE	
NSULATION	NONE		ISO		FIBER		PERLITE		STYRO	
NSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	METAL SS	~	SINGLE PLY		BUR		MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP		GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET		HYPALON							
DRAINAGE	JOSAM		SCUPPERS		GUTTERS	✓	OVER EDGE			
SLOPE	NONE		1:12	_	2:12		3:12		6:12	
							0.12		0.12	
ROOF CONDITIO	N - RATINGS (1-1			ATIOI	NS					#
FIELD		RE	PAIRS NEEDED						RATING	3
		ı	RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING			
	CLEA	AR RO	OOF OF DEBRIS		DE	CK I	REPAIR NEEDED			
	DECK I	REPA	IR SUSPECTED		RESEAL/F	RPLA	ACE FASTENERS			
		CR	AZE CRACKING		Ī	3RIT	TLE MEMBRANE			
		EX	CESSIVE WEAR			FI	ELD IS RUSTING			
PITCH/POND		RE	PAIRS NEEDED						RATING	3
	F	ILL P	ONDING AREAS	✓	FIX	(DE	CK DEFLECTION			
		S	SOME PONDING	~	E	XCE	SSIVE PONDING			
FLASHING	REPAIRS NEEDED								RATING	3
	RESEAL/REPAIR ALL				RES	EAL/	REPAIR SELECT			
	RESEAL/RECOAT AC DUCT				RESEAL/RECOAT WALL					
	RESI	EAL V	VALL FLASHING							
DRAINAGE		RE	PAIRS NEEDED						RATING	3
	ADD/E	ENHA	NCE CRICKETS		ADD/E	1AH/	NCE OVERFLOW			
			CLEAR DRAINS				ADD GUTTER			
	GUTT	ER R	EPAIR NEEDED		GUTTE	R C	DATING NEEDED			
PENETRATION			PAIRS NEEDED						RATING	-
			EAL/REPAIR ALL				REPAIR SELECT			
		REPL	ACE SKYLIGHT		RAISE HEIG	HT V	VHEN POSSIBLE			
ADDITIONAL		Δ.	OTION NEEDED							
ADDITIONAL	IMDE		CTION NEEDED		ADD	CVI				
			ROOF ACCESS AD EQUIPMENT		ADD		ERNAL LADDER			
MAINTENANCE			DRAINS CLEAN		KEED	۱Λ/ΔΤ	ERWAYS CLEAN			
VIAIIVI LIVAIVOL			UNTIL RECOAT		KLEI	VVAI	TRIM TREES			
			OOF OF DEBRIS		H\	/AC F	REPAIR NEEDED			
	_		AT SUSPECTED				SUTTERS CLEAR			
LEAKS			NCE OF LEAKS		YES		NO			
	N - OVERALL SY									
/ERY POOR	IV-OVENALL ST		I IVATINO		REDI ACE OD C	:OAT	· IMMEDIATELY - S	SDO.	T REDAIDS ONLY	
POOR									T REPAIRS ONLY	
					REPLACE OR (JUA				
FAIR									AT IN 3-5 YEARS	
MARGINAL									T IN 5-10 YEARS	
GOOD									IN 10-15 YEARS	
FXCFLLENT						MIN	IF ROOF IS LESS	· IH	AN 2 YEARS OLD	

ADDITIONAL NOTES

EXCELLENT

THIS ROOF IS RUSTING AND LEAKING. SPOT REPAIR AND BUDGET TO RECOAT.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$500.00
ROOF RECOATING	\$23,000.00
ROOF REPLACEMENT	\$0.00

ONLY IF ROOF IS LESS THAN 5 YEARS OLD





Another overview photo of the roof.



The photo below shows the panels rusting.



BUILDING INFORMATION									
FACILITY	Foothill HS								
DATE	August 18, 2014								
BUILDING	Portables J								
ROOF SQ FT	1,700								
BOOL CONSTRUCTION									



BUILDING	Portables J						Ě	NGIVEERIN	IG SERVICES FOR THE BUILDING ENVI	ELOPE
ROOF SQ FT	1,700							_		
ROOF CONSTRU	JCTION									
ROOF AGE	UNKNOWN		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	METAL SS	✓	SINGLE PLY		BUR		MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP		GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET		HYPALON							
DRAINAGE	JOSAM		SCUPPERS		GUTTERS	√	OVER EDGE			
SLOPE	NONE		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	6
			RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING			1
	CLEAR ROOF OF DEBRIS				DE	CK I	REPAIR NEEDED			
	DECK	REP/	AIR SUSPECTED		RESEAL/F	RPL <i>P</i>	ACE FASTENERS			
			RAZE CRACKING				TLE MEMBRANE			
	EXCESSIVE WEAR						BERS EXPOSED			
PITCH/POND			EPAIRS NEEDED		IVILIVIDIVAL	4L I I	DENO EXI OOED		RATING	6
THOM/TOND	F		PONDING AREAS		FIX	(DF	CK DEFLECTION		TATINO	
	SOME PONDING						SSIVE PONDING			
FLASHING		RI	EPAIRS NEEDED						RATING	6
	RESEAL/REPAIR ALL				RES	EAL/	REPAIR SELECT			
	RESEA	AL/RI	ECOAT AC DUCT		RESEAL/RECOAT WALL					
	RES	EAL	WALL FLASHING							
DRAINAGE		RI	EPAIRS NEEDED						RATING	6
	ADD/E	ENHA	ANCE CRICKETS		ADD/EN	IAH	NCE OVERFLOW			
	0.17		CLEAR DRAINS		0.1777		ADD GUTTER			
DENIETDATION	GUII		REPAIR NEEDED		GUITE	R C	DATING NEEDED		DATING	
PENETRATION			EPAIRS NEEDED EAL/REPAIR ALL		DES	ΕΔΙ	REPAIR SELECT		RATING	-
			LACE SKYLIGHT		RAISE HEIGHT WHEN POSSIBLE					
ADDITIONAL		F	ACTION NEEDED							
	IMPF	ROVE	ROOF ACCESS		ADD EXTERNAL LADDER					
	REMOV	E DE	AD EQUIPMENT							
MAINTENANCE	KEEP DRAINS CLEAN				KEEP WATERWAYS CLEAN					
	SPOT RE	PAIR	UNTIL REROOF				TRIM TREES			
	CLE	AR R	OOF OF DEBRIS				REPAIR NEEDED			
			IAT SUSPECTED				GUTTERS CLEAR	_		
LEAKS	[EVID	ENCE OF LEAKS		YES		NO	V		_
	ON - OVERALL SY	STE	MRATING							
VERY POOR									T REPAIRS ONLY	
POOR					REPLACE OR (COA	Γ IN 1-2 YEARS - \$			
FAIR									AT IN 3-5 YEARS	
MARGINAL							REPLACE OR	COA	T IN 5-10 YEARS	✓

ADDITIONAL NOTES

GOOD

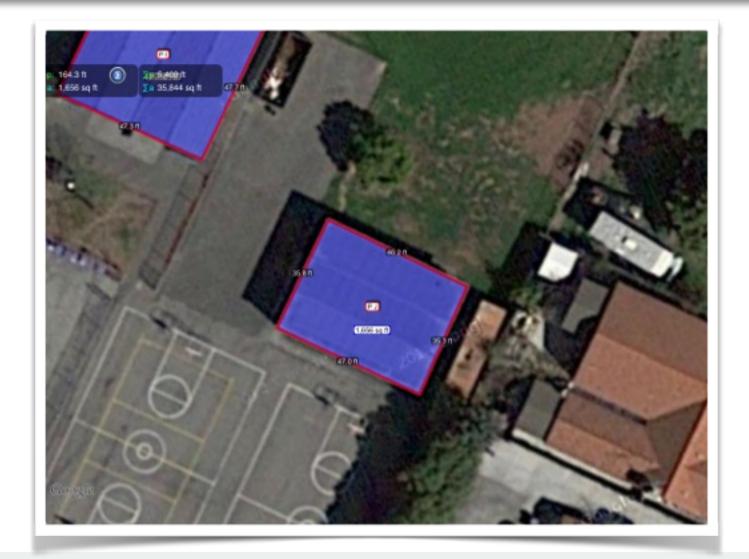
EXCELLENT

THIS ROOF IS HOLDING UP WELL. HOWEVER THE FACTORIES GALVANIZED COATING DOES NOT LAST FOREVER. BUDGET TO COAT IN APPROXIMATELY FIVE YEARS.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$500.00
ROOF RECOATING	\$17,000.00
ROOF REPLACEMENT	\$0.00

REPLACE OR COAT IN 10-15 YEARS

ONLY IF ROOF IS LESS THAN 5 YEARS OLD





The photo below shows the fastener sealant in tact.



The photo below shows the panels in good shape with no rust.



BUILDING INFORMATION									
FACILITY	Foothill HS								
DATE	August 18, 2014								
BUILDING	Portables K								
ROOF SQ FT	2,400								
DOOF CONCEDICATION									



BUILDING	Portables K								IS IN C. C. N. I. N. I. SERVICES FOR THE BUILDING ENVI	ELOPE
ROOF SQ FT	2,400							_		
ROOF CONSTRU	JCTION									
ROOF AGE	UNKNOWN		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	METAL SS	✓	SINGLE PLY		BUR		MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP		GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET		HYPALON							
DRAINAGE	JOSAM		SCUPPERS		GUTTERS	\checkmark	OVER EDGE			
SLOPE	NONE		1:12	✓	2:12		3:12		6:12	
ROOF CONDITIO	ON - RATINGS (1-1	0) ar	d RECOMMENDA	OITA	NS					#
FIELD		RE	PAIRS NEEDED						RATING	5
			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			
	CRAZE CRACKING				E	3RIT	TLE MEMBRANE			
	EXCESSIVE WEAR				MEMBRAN	IE FII	BERS EXPOSED			
PITCH/POND	REPAIRS NEEDED								RATING	5
	FILL PONDING AREAS				FIX	(DE(CK DEFLECTION			
	SOME PONDING				EXCESSIVE PONDING					
FLASHING	REPAIRS NEEDED								RATING	5
	RESEAL/REPAIR ALL						REPAIR SELECT			
	RESEAL/RECOAT AC DUCT				RESEAL/RECOAT WALL					
DRAINAGE	RESI		WALL FLASHING EPAIRS NEEDED						RATING	5
DIVAINAGE	ADD/F		NCE CRICKETS		ADD/FI	1AH	NCE OVERFLOW		NATING	J
	7,007.	_, ,,	CLEAR DRAINS		7188721	 ,	ADD GUTTER			
	GUTT	ER F	REPAIR NEEDED		GUTTER COATING NEEDED					
PENETRATION		RE	EPAIRS NEEDED						RATING	-
		RES	EAL/REPAIR ALL		RESEAL/REPAIR SELECT					
		REPI	LACE SKYLIGHT		RAISE HEIGHT WHEN POSSIBLE					
ADDITIONAL	U 4D5		CTION NEEDED		400	->/-				
			ROOF ACCESS		ADD	EXI	ERNAL LADDER			
MAINTENANCE	REMOVE DEAD EQUIPMENT				KEEP WATERWAYS CLEAN					
MAINTENANGE	KEEP DRAINS CLEAN SPOT REPAIR UNTIL REROOF				KELI	VVAI	TRIM TREES			
	CLEAR ROOF OF DEBRIS				HVAC REPAIR NEEDED					
	HAZMAT SUSPECTED				KEEP SS GUTTERS CLEAR					
LEAKS	E	VIDE	ENCE OF LEAKS		YES	✓	NO			
ROOF CONDITIO	ON - OVERALL SY	STEN	/ RATING							
VERY POOR					REPLACE OR C	COAT	IMMEDIATELY -	SPO	T 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						

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

EXCELLENT

THIS ROOF IS HOLDING UP WELL. HOWEVER THE FACTORIES GALVANIZED COATING DOES NOT LAST FOREVER. BUDGET TO COAT IN APPROXIMATELY FIVE YEARS.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$500.00
ROOF RECOATING	\$24,000.00
ROOF REPLACEMENT	\$0.00





The photo below shows the fastener sealant in tact.



The photo below shows that there has been some problems at the building joints.







BUILDING	SBUR						i		NG SERVICES FOR THE BUILDING ENVE	LOPE
ROOF SQ FT	1,300							_		
ROOF CONSTRU	JCTION									
ROOF AGE	2009	✓	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	METAL SS		SINGLE PLY		BUR	4	MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING	✓	MS CAP	⋖	GRAVEL		SMOOTH	✓	GRANULE	
FLASHINGS	CAPSHEET	✓	HYPALON							
DRAINAGE	JOSAM	✓	SCUPPERS		GUTTERS		OVER EDGE			
SLOPE	NONE		1:12		2:12		3:12		6:12	
ROOF CONDITIO	ON - RATINGS (1-1	0) an	d RECOMMENDA	ATIOI	NS		_			#
FIELD	()		PAIRS NEEDED			_		_	RATING	8
1122			RESEAL SEAMS		DEDAID B	LICT	ERS or RIDGING		SS RATING	
							REPAIR NEEDED		001011110	
			OOF OF DEBRIS							
	DECK		IR SUSPECTED				CE FASTENERS			
			AZE CRACKING		E	3RIT	TLE MEMBRANE			
		EX	CESSIVE WEAR		MEMBRAN	IE FII	BERS EXPOSED			
PITCH/POND			PAIRS NEEDED						RATING	8
	FILL PONDING AREAS					(DE(
		5	SOME PONDING		E	XCE:	SSIVE PONDING			
EL ACLUNO									DATING	0
FLASHING	REPAIRS NEEDED				DEC	E	REPAIR SELECT		RATING SS RATING	8
	RESEAL/REPAIR ALL RESEAL/RECOAT AC DUCT						L/RECOAT WALL		33 RATING	
			VALL FLASHING		IXL	.OLAI	L/NEOOAT WALL			
DRAINAGE			PAIRS NEEDED						RATING	8
	ADD/E		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	8
		RESE	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			
		REPL	ACE SKYLIGHT		RAISE HEIG	HT V	VHEN POSSIBLE			
ADDITIONAL		A	CTION NEEDED							
			ROOF ACCESS		ADD	EXT	ERNAL LADDER			
			AD EQUIPMENT							
MAINTENANCE			DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN			
			UNTIL REROOF		1.15	/A C F	TRIM TREES			
			OOF OF DEBRIS AT SUSPECTED		HVAC REPAIR NEEDED KEEP SS GUTTERS CLEAR					
LEAKS			ENCE OF LEAKS		YES			✓		
					120		110			
VERY POOR	ON - OVERALL SYS	3 I EIV	RATING		DEDI ACE OD C	`_^T	IMMEDIATELY	SDO	T REPAIRS ONLY	
									T REPAIRS ONLY	
POOR					REPLACE OR (JUAI	_			
FAIR									AT IN 3-5 YEARS	
MARGINAL	REPLACE OR COAT IN 5-10 YEARS REPLACE OR COAT IN 10-15 YEARS									
GOOD						MILV				
EXCELLENT					C	INLY	IF ROOF IS LESS) IH/	AN 5 YEARS OLD	

ADDITIONAL NOTES

BUR SYSTEM LOOKS GOOD.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$1,500.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$19,500.00





Drainage is doing well.



The wall is good shape.







30 YEAR SHINGLES **✓**

BUILDING	S Shingle Section	1					E E	N (G I M E E R I M IG SERVICES FOR THE BUILDING ENVE	ELOPE
ROOF SQ FT	2,500							_		
ROOF CONSTRU	JCTION									
ROOF AGE	2009	✓	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	METAL SS		SINGLE PLY		BUR		MOD BIT		SHINGLES	
MEM SURFACE	COATING		MS CAP		GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET		HYPALON							
DRAINAGE	JOSAM		SCUPPERS		GUTTERS		OVER EDGE			
SLOPE	NONE		1:12		2:12		3:12		6:12	
ROOF CONDITIO	ON - RATINGS (1-1	0) ar	nd RECOMMENDA	OITA	NS					#
FIELD		RE	EPAIRS NEEDED						RATING	8
			RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING		SS RATING	
	CLEA	AR R	OOF OF DEBRIS		DE	CK F	REPAIR NEEDED			
			AIR SUSPECTED		RESEAL/E	RPI A	CE FASTENERS			
			RAZE CRACKING				TLE MEMBRANE			
			CESSIVE WEAR				BERS EXPOSED			
PITCH/POND			EPAIRS NEEDED		IVICIVIDITAL	NE FI	BERS EXPOSED		RATING	8
THOM/TOND	F		ONDING AREAS		FIX	(DF(CK DEFLECTION		IVATINO	0
	·		SOME PONDING				SSIVE PONDING			
FLASHING		RE	EPAIRS NEEDED						RATING	8
	RESEAL/REPAIR ALL				RES	EAL/	REPAIR SELECT		SS RATING	
	RESEAL/RECOAT AC DUCT				RE	SEA	L/RECOAT WALL			
	RES	EAL \	WALL FLASHING							
DRAINAGE		RE	EPAIRS NEEDED						RATING	8
	ADD/E	ENHA	ANCE CRICKETS		ADD/E	1AH	NCE OVERFLOW			
	OUTT		CLEAR DRAINS		OUTTE	D 06	ADD GUTTER			
PENETRATION	GUII		EPAIR NEEDED EPAIRS NEEDED		GUITE	RCC	DATING NEEDED		RATING	0
PENETRATION			EAL/REPAIR ALL		RES	ΕΔΙ /	REPAIR SELECT		RATING	8
			LACE SKYLIGHT				VHEN POSSIBLE			
ADDITIONAL		Д	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			
			OOF OF DEBRIS				REPAIR NEEDED			
. =			IAT SUSPECTED			EP G	SUTTERS CLEAR			
LEAKS	-	EVIDE	ENCE OF LEAKS		YES		NO	•		
	ON - OVERALL SY	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	
GOOD							REPLACE OR C		IN 10-15 YEARS	_

ADDITIONAL NOTES

EXCELLENT

SHINGLE SYSTEM IS IN GREAT SHAPE.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$0.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$37,500.00





The photo below shows the penetration details in good shape.



Keep gutters clear of debris.

