



	<b>J</b>							U		
BUILDING	200, 300, 400 BU	R						E N Engineerii	G I N E E R I N NG SERVICES FOR THE BUILDING ENVE	G ELOPE
ROOF SQ FT	38,000							_		
ROOF CONSTRU	JCTION									
ROOF AGE	1995	$\checkmark$	0-5 YEARS		5-10 YEARS		10-15 YEARS		15+ YEARS	
DECK TYPE	METAL		PLYWOOD	<b>✓</b>	PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE	<b>4</b>	ISO		FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	METAL SS		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	JOSAM	<b>✓</b>	SCUPPERS		GUTTERS		OVER EDGE			
SLOPE	SLIGHT		1:12	<b>~</b>	2:12		3:12		6:12	
ROOF CONDITIO	ON - RATINGS (1-1	0) ar	nd RECOMMENDA	IOITA	NS					#
FIELD	,		EPAIRS NEEDED						RATING	
			RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING		SS RATING	
	CLE		OOF OF DEBRIS				REPAIR NEEDED			
			AIR SUSPECTED							
	DECK						CE FASTENERS			
			RAZE CRACKING				TLE MEMBRANE			
			CESSIVE WEAR	<b>✓</b>	MEMBRAN	IE FI	BERS EXPOSED	<b>✓</b>		_
PITCH/POND			EPAIRS NEEDED						RATING	3
	F		ONDING AREAS				CK DEFLECTION			
		,	SOME PONDING		E	XCE	SSIVE PONDING			
FLASHING		DI	EPAIRS NEEDED						RATING	2
FLASHING			EAL/REPAIR ALL		RES	FΔI /	REPAIR SELECT		SS RATING	
			ECOAT AC DUCT				L/RECOAT WALL		001011110	
			WALL FLASHING							
DRAINAGE		RE	EPAIRS NEEDED						RATING	3
	ADD/E	ENH/	ANCE CRICKETS	<b>✓</b>	ADD/E	NHAI	NCE OVERFLOW			
			CLEAR DRAINS				ADD GUTTER			
	GUTT	ER F	REPAIR NEEDED		GUTTE	R CC	DATING NEEDED			
PENETRATION		RE	EPAIRS NEEDED						RATING	2
		RES	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			
	REPLACE	SEL	ECT SKYLIGHTS	<b>✓</b>	RAISE HEIG	HT V	VHEN POSSIBLE	<b>✓</b>		
ADDITIONAL			ACTION NEEDED					_		
			ROOF ACCESS				ERNAL LADDER			
BAAINITENIANIOE			AD EQUIPMENT	•			APET WALL SYS			
MAINTENANCE			DRAINS CLEAN UNTIL REROOF		KEEP	VVAI	ERWAYS CLEAN TRIM TREES			
			OOF OF DEBRIS		ш	/A C F	REPAIR NEEDED			
			IAT SUSPECTED				SUTTERS CLEAR			
LEAKS			ENCE OF LEAKS		YES		NC			
	ON - OVERALL SY				. 23					
VERY POOR	JA - OVERALL ST	O LEI	WHATING		REPLACE OR C	СОДТ		SPO.	T REPAIRS ONLY	
POOR									T REPAIRS ONLY	
FAIR									T REPAIRS ONLY	
MARGINAL					NEI LAGE ON	JUAI			AT IN 5-10 YEARS	
GOOD									IN 10-15 YEARS	
EXCELLENT					C	NLY			AN 5 YEARS OLD	
						1		- 111/	5 . 2, 6 5 2 5	

REPLACE AS SOON AS POSSIBLE.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$4,500.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$494,000.00





The crickets need to be enhanced, and the parapet wall waterproofing redesigned.



At least three AC units drain constantly onto the roof and need to be repaired.







BUILDING	200, 300, 400 Shir	ngles					Ē	N (	G I N E E R I N IG SERVICES FOR THE BUILDING ENVE	G
ROOF SQ FT	26,000							_		-
ROOF CONSTRU	JCTION									
ROOF AGE	1995	$\checkmark$	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	METAL SS		SINGLE PLY		BUR		MOD BIT		SHINGLE	<b>~</b>
MEM SURFACE	COATING		MS CAP		GRAVEL		SMOOTH		GRANULE	
FLASHINGS	CAPSHEET		HYPALON							
DRAINAGE	JOSAM		SCUPPERS		GUTTERS	<b>✓</b>	OVER EDGE			
SLOPE	SLIGHT		1:12		2:12		3:12	<b>⋖</b>	6:12	
ROOF CONDITIO	ON - RATINGS (1-1)	0) an	d RECOMMENDA	OITA	NS					#
FIELD		RE	PAIRS NEEDED			_			RATING	2
			RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING		SS RATING	
	CLEA		OOF OF DEBRIS				REPAIR NEEDED			
			AIR SUSPECTED				ACE FASTENERS			
	BEOKT									
			AZE CRACKING				TLE MEMBRANE			
			CESSIVE WEAR	<b>✓</b>	MEMBRAN	IE FI	BERS EXPOSED			
PITCH/POND			EPAIRS NEEDED		EIV	, DE			RATING	8
	FI		ONDING AREAS				CK DEFLECTION SSIVE PONDING			
		,	SOME PONDING			<b>XUE</b>	SSIVE PONDING			
FLASHING		RF	PAIRS NEEDED						RATING	3
LAGIMAG			EAL/REPAIR ALL		RES	FAI /	REPAIR SELECT		SS RATING	J
			COAT AC DUCT				L/RECOAT WALL			
			VALL FLASHING							
DRAINAGE		RE	PAIRS NEEDED						RATING	4
	ADD/E	NHA	NCE CRICKETS		ADD/EN	1AH	NCE OVERFLOW			
			CLEAR DRAINS				ADD GUTTER			
	GUTT	ER F	REPAIR NEEDED	<b>\</b>	GUTTE	R CC	DATING NEEDED	<b>\</b>		
PENETRATION		RE	PAIRS NEEDED						RATING	-
	F	RESI	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			
	REPLACE	SELE	ECT SKYLIGHTS		RAISE HEIG	HT V	VHEN POSSIBLE			
		_								
ADDITIONAL	IN ADD		CTION NEEDED		ADD	- EVT				
			ROOF ACCESS AD EQUIPMENT				ERNAL LADDER APET WALL SYS			
MAINTENANCE			DRAINS CLEAN				ERWAYS CLEAN			
MAINTENANCE			UNTIL REROOF		KLLI	VVAI	TRIM TREES			
			OOF OF DEBRIS		ΗV	/AC F	REPAIR NEEDED			
			AT SUSPECTED		KEEP	SS G	SUTTERS CLEAR			
LEAKS	E	VIDE	ENCE OF LEAKS		YES		NO	<b>✓</b>		
ROOF CONDITIO	ON - OVERALL SYS	STEN	A RATING							
VERY POOR					REPLACE OR C	COAT	· IMMEDIATELY - S	SPOT	Γ REPAIRS ONLY	<b>✓</b>
POOR					REPLACE OR (	COAT	Γ IN 1-2 YEARS - \$	SPOT	Γ REPAIRS ONLY	
FAIR					REPLACE OR (	COAT	Γ IN 3-5 YEARS - S	SPOT	Γ REPAIRS ONLY	
MARGINAL							REPLACE OR	COA	T IN 5-10 YEARS	
GOOD							REPLACE OR C	COAT	IN 10-15 YEARS	
EXCELLENT					O	NLY	IF ROOF IS LESS	S THA	AN 5 YEARS OLD	
ADDITIONAL NO	TES									
REPLACE AS SC	OON AS POSSIBLE									

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$0.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$312,000.00





The crickets need to be enhanced, and the parapet wall waterproofing redesigned.



At least three AC units drain constantly onto the roof and need to be repaired.







DAIL	August 0, 2014							ון ע	A I L I N	<u>.</u>
BUILDING	500						į.	NGINEERIN	; I N E E R I N ig Services for the Building Enve	ELOPE
ROOF SQ FT	4,800							_		4
ROOF CONSTRU	JCTION									
ROOF AGE	2004		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	METAL SS		SINGLE PLY		BUR	$\checkmark$	MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP	$\checkmark$	GRAVEL		SMOOTH			
FLASHINGS	CAPSHEET									
DRAINAGE	JOSAM		SCUPPERS		GUTTERS	$\checkmark$	OVER EDGE			
SLOPE	SLIGHT	<b>⋖</b>	1:12		2:12		3:12		6:12	
ROOF CONDITIO	ON - RATINGS (1-1	0) an	d RECOMMENDA	ATIOI	NS					#
FIELD		RE	PAIRS NEEDED						RATING	6
			RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING		SS RATING	
	CLEA	AR RO	OOF OF DEBRIS		DE	CK F	REPAIR NEEDED			
	DECK I	REPA	IR SUSPECTED		RESEAL/F	RPLA	CE FASTENERS			
		CR	AZE CRACKING		E	3RIT	TLE MEMBRANE			
PITCH/POND		RE	PAIRS NEEDED						RATING	6
	F	ILL P	ONDING AREAS		FIX	( DE	CK DEFLECTION			
		5	SOME PONDING		Е	XCE:	SSIVE PONDING			
FLASHING		RE	PAIRS NEEDED						RATING	6
			EAL/REPAIR ALL				REPAIR SELECT		SS RATING	
			COAT AC DUCT				L/RECOAT WALL			
DRAINAGE	RESI		VALL FLASHING EPAIRS NEEDED	<b>V</b>	Ελ	CES	SIVE CAP RUST		RATING	5
DRAINAGE	ADD/F		NCE CRICKETS		ADD/FI	1AH	NCE OVERFLOW		KATING	5
	, (22)		CLEAR DRAINS		7,0072.		ADD GUTTER			
	GUTT	ER F	EPAIR NEEDED		GUTTE	R CC	OATING NEEDED	<b>✓</b>		
PENETRATION		RE	PAIRS NEEDED						RATING	6
		RES	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			
		REPL	ACE SKYLIGHT							
ADDITIONAL			CTION NEEDED							
			ROOF ACCESS		ADD	EXT	ERNAL LADDER			
MAINTENANCE			AD EQUIPMENT		KEED	\ <b>\</b> /\T				
MAINTENANCE			DRAINS CLEAN UNTIL REROOF		NEEP	VVAI	ERWAYS CLEAN TRIM TREES			
			OOF OF DEBRIS		ΗV	/AC F	REPAIR NEEDED			
			AT SUSPECTED				SUTTERS CLEAR			
LEAKS	E	VIDE	ENCE OF LEAKS		YES		NO	<b>✓</b>		
ROOF CONDITIO	ON - OVERALL SYS	STEN	1 RATING				_			
VERY POOR					REPLACE OR C	COAT	IMMEDIATELY -	SPOT	T REPAIRS ONLY	
POOR					REPLACE OR (	COAT	IN 1-2 YEARS -	SPO	T REPAIRS ONLY	
FAIR							REPLACE OF	R CO	AT IN 3-5 YEARS	<b>✓</b>
MARGINAL							REPLACE OR	COA	T IN 5-10 YEARS	
GOOD							REPLACE OR (	COAT	IN 10-15 YEARS	
EXCELLENT					O	NLY	IF ROOF IS LESS	S THA	AN 5 YEARS OLD	
ADDITIONAL NO	TES									

THE SMALL ADJACENT BUILDING SEEN IN THE GUTTER PHOTO SHOULD BE INCLUDED IN THE CANOPY REPORT.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$5,000.00
YEARLY PREVENTIVE MAINENANCE	\$1,500.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$72,000.00



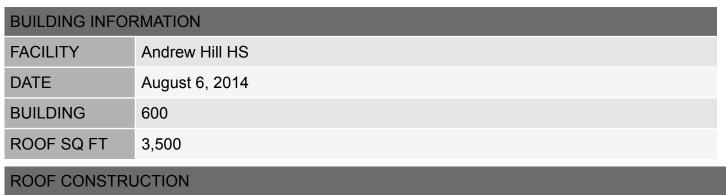


Another overview photo from the roof level.



The photo below shows the need for the gutter to be rust-proofed and recoated.







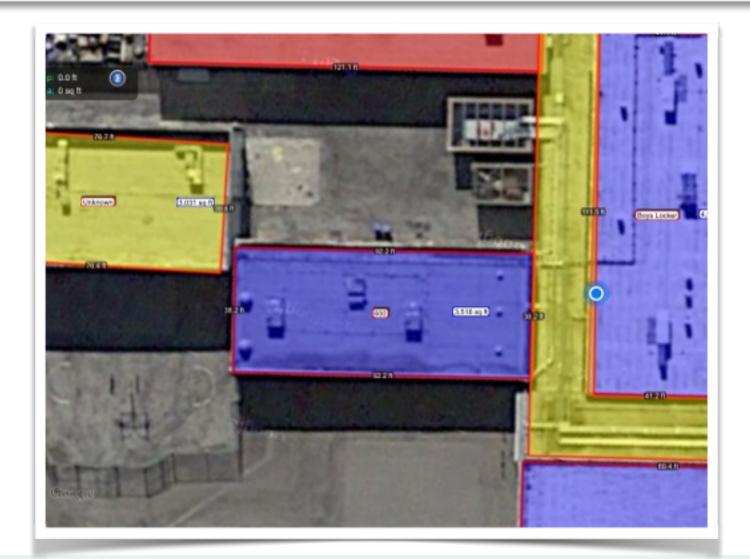
BUILDING	600						E	N (	G I N E E R I N IG SERVICES FOR THE BUILDING ENVE	G ELOPE
ROOF SQ FT	3,500							_		
ROOF CONSTRU	JCTION									
ROOF AGE	2004	<b></b>	0-5 YEARS		5-10 YEARS		10-15 YEARS		15+ YEARS	
DECK TYPE	METAL		PLYWOOD	<b></b>	PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE	<b></b>	ISO		FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	METAL SS		SINGLE PLY		BUR	<b>S</b>	MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP	<b></b>	GRAVEL		SMOOTH			
FLASHINGS	CAPSHEET									
DRAINAGE	JOSAM	<b></b>	SCUPPERS		GUTTERS		OVER EDGE			
SLOPE	SLIGHT	$\checkmark$	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	4
			RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING		SS RATING	
	CLEA	AR R	OOF OF DEBRIS		DE	CK F	REPAIR NEEDED			
	DECK	REPA	AIR SUSPECTED		RESEAL/F	RPLA	CE FASTENERS			
		CF	RAZE CRACKING	<b></b>	į.	3RIT	TLE MEMBRANE			
PITCH/POND		RE	EPAIRS NEEDED						RATING	3
	F	ILL P	ONDING AREAS		FIX	( DE	CK DEFLECTION			
		,	SOME PONDING	<b>\</b>	Е	XCE	SSIVE PONDING			
FLASHING		RE	EPAIRS NEEDED						RATING	3
			EAL/REPAIR ALL	_			REPAIR SELECT		SS RATING	
			ECOAT AC DUCT	<b>V</b>			L/RECOAT WALL			
DRAINAGE	RESI		WALL FLASHING EPAIRS NEEDED		E)	CES	SSIVE CAP RUST	<b>✓</b>	RATING	3
DIVAINAGE	ADD/F		ANCE CRICKETS	<b>7</b>	ADD/FI	1AHV	NCE OVERFLOW	<b>V</b>	IVATING	J
			CLEAR DRAINS				ADD GUTTER			
	GUTT	ER F	REPAIR NEEDED		GUTTE	R CC	DATING NEEDED			
PENETRATION		RE	EPAIRS NEEDED	<b>✓</b>					RATING	3
		RES	EAL/REPAIR ALL	<b></b>	RES	EAL/	REPAIR SELECT			
		REP	LACE SKYLIGHT							
ADDITIONAL			CTION NEEDED							
			ROOF ACCESS  AD EQUIPMENT		ADD	EXI	ERNAL LADDER			
MAINTENANCE			DRAINS CLEAN		KEED	\ <b>/</b> /ΔT	ERWAYS CLEAN			
W/ MINITELY/ MINOL			UNTIL REROOF		INLLI	V V / \ 1	TRIM TREES			
			OOF OF DEBRIS		H\	/AC F	REPAIR NEEDED			
	H	IAZN	IAT SUSPECTED		KEEP	SS G	SUTTERS CLEAR			
LEAKS	E	EVIDI	ENCE OF LEAKS		YES	<b>4</b>	NO			
ROOF CONDITIO	ON - OVERALL SY	STE	M RATING							
VERY POOR					REPLACE OR C	COAT	IMMEDIATELY - S	SPOT	REPAIRS ONLY	
POOR					REPLACE OR (	COAT	Γ IN 1-2 YEARS - 3	SPOT	FREPAIRS ONLY	
FAIR							REPLACE OF	R CO	AT IN 3-5 YEARS	
MARGINAL							REPLACE OR	COA	T IN 5-10 YEARS	
GOOD							REPLACE OR (	COAT	IN 10-15 YEARS	
EVOELLENT.					_	A II S	IE DOOF 10 1 EGG		N. 5. VE A DO C: 5	

NONE.

EXCELLENT

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$5,000.00
YEARLY PREVENTIVE MAINENANCE	\$1,500.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$52,500.00

ONLY IF ROOF IS LESS THAN 5 YEARS OLD





The photo below shows some evidence of ponding and the need for enhanced overflow.



The photo below shows the need for AC repair.







DAIL	August 0, 2014							J		Ļ
BUILDING	Activities Center							. N Engineerii	G I N E E K I N NG SERVICES FOR THE BUILDING ENVE	ELOPE
ROOF SQ FT	3,000							_		4
ROOF CONSTRU	JCTION									
ROOF AGE	UNKNOWN		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	METAL SS		SINGLE PLY		BUR	<b>✓</b>	MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP	<b>\</b>	GRAVEL		SMOOTH			
FLASHINGS	CAPSHEET	<b>✓</b>								
DRAINAGE	JOSAM		SCUPPERS	<b>✓</b>	GUTTERS		OVER EDGE			
SLOPE	SLIGHT	<b>✓</b>	1:12		2:12		3:12		6:12	
ROOF CONDITIO	ON - RATINGS (1-1	0) an	d RECOMMENDA	ATIOI	NS					#
FIELD		RE	PAIRS NEEDED						RATING	4
		1	RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING		SS RATING	
	CLEA	AR RO	OOF OF DEBRIS		DE	CK F	REPAIR NEEDED			
	DECK I	REPA	IR SUSPECTED		RESEAL/F	RPLA	CE FASTENERS			
		CR	AZE CRACKING	<b>~</b>	E	BRIT	TLE MEMBRANE	<b>✓</b>		
PITCH/POND		RE	PAIRS NEEDED						RATING	4
	F	ILL P	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		SS RATING	
	RESEA	AL/RE	COAT AC DUCT	<b>✓</b>	RE	SEA	L/RECOAT WALL	<b>✓</b>		
	RESI		VALL FLASHING							
DRAINAGE	A D D //		PAIRS NEEDED		455/5		105 01/5051 014/		RATING	4
	ADD/E		NCE CRICKETS		ADD/EI	NHAN	NCE OVERFLOW ADD GUTTER			
	GUTT		CLEAR DRAINS EPAIR NEEDED		GUITTE	R CC	ADD GOTTER ATING NEEDED			
PENETRATION			PAIRS NEEDED		OOTIL	IV OC	ATINO NEEDED		RATING	4
LILLIUMION			EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT		1011110	
			ACE SKYLIGHT							
ADDITIONAL		Α	CTION NEEDED							
	IMPF	ROVE	ROOF ACCESS	<b>✓</b>	ADD	EXT	ERNAL LADDER			
	REMOV	E DE	AD EQUIPMENT	<b>✓</b>	SEC	URE	ROOF ACCESS	<b>✓</b>		
MAINTENANCE	k	ŒEP	DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN			
			UNTIL REROOF	<b>✓</b>			TRIM TREES			
			OOF OF DEBRIS				REPAIR NEEDED			
154160			AT SUSPECTED			SS G	UTTERS CLEAR	_		
LEAKS		_	ENCE OF LEAKS		YES		NO	<b>✓</b>		
	ON - OVERALL SY	STEM	I RATING			\_ AT		000	T DEDAUDO ONILV	
VERY POOR									T REPAIRS ONLY	
POOR									T REPAIRS ONLY	
FAIR					KEPLACE OR (	JUAĪ			T REPAIRS ONLY	
MARGINAL									T IN 5-10 YEARS	
GOOD						NII V			IN 10-15 YEARS AN 5 YEARS OLD	
ADDITIONAL NO	TEO					INLT	II NOOF 18 LES	ו כ⊓ו	AND LEWED OFF	

BUILDING NOT ON LIST OF ROOFS. REVIEW AERIAL PHOTO AND RELABEL IF NECESSARY.

	BUDGET ESTIMATES
\$0.00	IMMEDIATE REPAIRS AS RECOMMENDED
\$1,500.00	YEARLY PREVENTIVE MAINENANCE
\$0.00	ROOF RECOATING
\$45,000.00	ROOF REPLACEMENT



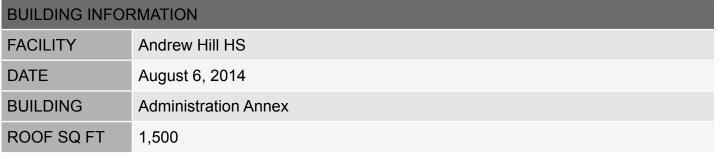


Access to the roof needs to be secured.



Dead equipment and open electrical boxes should be removed from the roof.



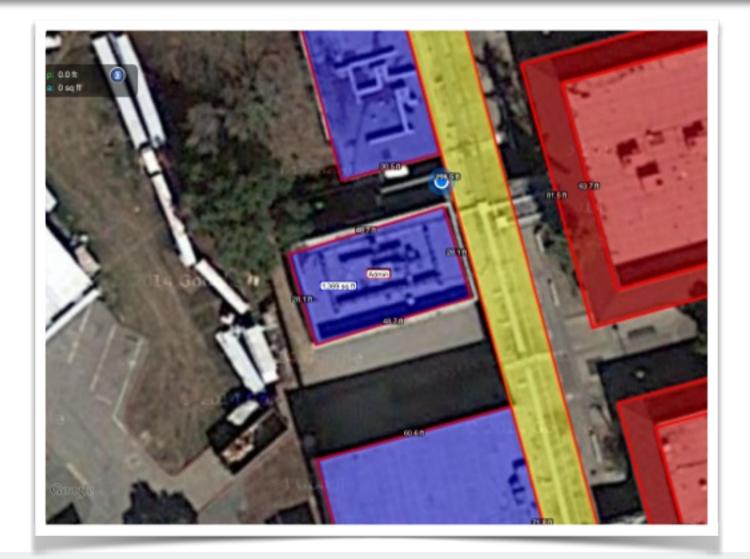




DATE	August 6, 2014							<b>U</b> .		
BUILDING	Administration An	nex						E N Engineeri	G I N E E R I N NG SERVICES FOR THE BUILDING ENVI	ELOPE
ROOF SQ FT	1,500							_		۹,
ROOF CONSTRU	JCTION									
ROOF AGE	2000	<b>⋖</b>	0-5 YEARS		5-10 YEARS		10-15 YEAR	S	15+ YEARS	
DECK TYPE	METAL		PLYWOOD	<b>\</b>	PLANK		CONCRET		LW CONCRETE	
INSULATION	NONE	<b>⋖</b>	ISO		FIBER		PERLIT		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCI	H _	TAPERED	
MEMBRANE	METAL SS		SINGLE PLY		BUR	<b>\</b>	MOD BI	Т	TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP		GRAVEL		SMOOTI	1	GRANULE	<b>✓</b>
FLASHINGS	CAPSHEET		HYPALON	<b>✓</b>						
DRAINAGE	JOSAM		SCUPPERS	<b>✓</b>	GUTTERS		OVER EDG	Ξ 📄		
SLOPE	SLIGHT		1:12		2:12		3:1	2	6:12	
DOOE CONDITIO										#
	ON - RATINGS (1-1			ATION	NO				RATING	
FIELD			PAIRS NEEDED							
			RESEAL SEAMS				ERS or RIDGING		SS RATING	
	CLEA	AR RO	OOF OF DEBRIS		DE	CK F	REPAIR NEEDEI	)		
	DECK	REPA	IR SUSPECTED		RESEAL/F	RPLA	CE FASTENER	S		
		CR	AZE CRACKING		I	BRIT	TLE MEMBRAN			
		EX	CESSIVE WEAR	$\checkmark$	MEMBRAN	NE FII	BERS EXPOSEI			
PITCH/POND		RE	PAIRS NEEDED						RATING	5
	F	ILL P	ONDING AREAS		FIX	( DE(	CK DEFLECTIO	1		
		5	SOME PONDING		E	XCE	SSIVE PONDING	3		
FLASHING		RE	PAIRS NEEDED						RATING	3
			EAL/REPAIR ALL		RES	EAL/	REPAIR SELEC	_	SS RATING	
			COAT AC DUCT		RE	SEA	L/RECOAT WAL			
	RES		VALL FLASHING							
DRAINAGE	A D D //		PAIRS NEEDED		4 DD/E		IOE OVEREL OV	, o	RATING	4
	ADD/E		NCE CRICKETS CLEAR DRAINS	<b>✓</b>	ADD/EI	NHAI	NCE OVERFLOW ADD GUTTEI			
	GUTT		EPAIR NEEDED		GUTTE	R CC	ADD GOTTE ATING NEEDEI			
PENETRATION	0011		PAIRS NEEDED		OOTIL		ATINO NEEDE		RATING	4
			EAL/REPAIR ALL		RES	EAL/	REPAIR SELEC	Т	1011110	•
			ACE SKYLIGHT				VHEN POSSIBL			
ADDITIONAL		Α	CTION NEEDED							
	IMPF	ROVE	ROOF ACCESS		ADD	EXT	ERNAL LADDEI	₹ 🗸		
	REMOV	E DE	AD EQUIPMENT	<b>\</b>						
MAINTENANCE	k	KEEP	DRAINS CLEAN	<b>✓</b>	KEEP	WAT	ERWAYS CLEAI	1		
	SPOT RE	PAIR	UNTIL REROOF				TRIM TREE	S <b></b>		
	CLEA	AR RO	OOF OF DEBRIS		H\	/AC F	REPAIR NEEDEI	)		
	F	IAZM	AT SUSPECTED		KEEP	SS G	UTTERS CLEA	₹ 📗		
LEAKS	E	EVIDE	NCE OF LEAKS		YES		N			
ROOF CONDITION	ON - OVERALL SY	STEM	1 RATING							
VERY POOR					REPLACE OR C	COAT	IMMEDIATELY	- SPO	T REPAIRS ONLY	<b>✓</b>
POOR					REPLACE OR (	COAT	IN 1-2 YEARS	- SPO	T REPAIRS ONLY	
FAIR					REPLACE OR	COAT	IN 3-5 YEARS	- SPO	T REPAIRS ONLY	
MARGINAL							REPLACE O	R COA	AT IN 5-10 YEARS	
GOOD							REPLACE OR	COAT	IN 10-15 YEARS	
EXCELLENT					C	NI Y	IF ROOF IS LES	S TH	AN 5 YEARS OLD	

THIS ROOF IS AT THE END OF ITS LIFESPAN. RELACE AS SOON AS POSSIBLE.

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



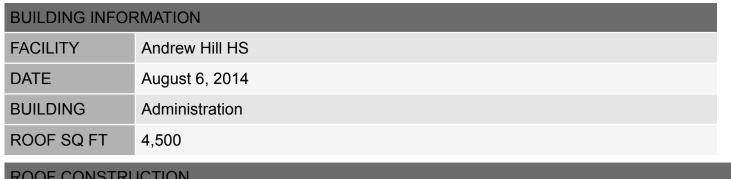


The photo below shows that the AC ducts need to be resealed and recoated.



This roof includes a small canopy that has the same system - both at the end of life.







BUILDING	Administration						E		IS SERVICES FOR THE BUILDING ENVE	ELOPE
ROOF SQ FT	4,500							_		
ROOF CONSTRI	UCTION									
ROOF AGE	2000	<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	METAL SS		SINGLE PLY		BUR	<b>✓</b>	MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP	<b>~</b>	GRAVEL		SMOOTH			
FLASHINGS	CAPSHEET									
DRAINAGE	JOSAM		SCUPPERS		GUTTERS	<b>~</b>	OVER EDGE			
SLOPE	SLIGHT	<b>✓</b>	1:12		2:12		3:12		6:12	
ROOF CONDITION	ON - RATINGS (1-1	0) ar	d RECOMMENDA	ATIOI	NS.					#
FIELD	)		EPAIRS NEEDED		10	-		-	RATING	6
TILLU			RESEAL SEAMS		DEDAID D	LICT	ERS or RIDGING		SS RATING	
							REPAIR NEEDED		001011110	
			OOF OF DEBRIS							
	DECK		AIR SUSPECTED				CE FASTENERS			
			AZE CRACKING			3RIT	TLE MEMBRANE			
PITCH/POND	_		EPAIRS NEEDED		FI)	/ DE/	OK DEEL FOTION		RATING	6
	F		ONDING AREAS SOME PONDING	<b>V</b>			CK DEFLECTION SSIVE PONDING			
		,	SOME PONDING		E	XCE:	SSIVE PONDING			
FLASHING		RF	PAIRS NEEDED						RATING	5
1 L/ (01 III (0	1		EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT		SS RATING	
			COAT AC DUCT				L/RECOAT WALL			
	RESI	EAL \	WALL FLASHING							
DRAINAGE		RE	PAIRS NEEDED						RATING	5
	ADD/E	ENHA	NCE CRICKETS		ADD/E	1AH	ICE OVERFLOW			
			CLEAR DRAINS				ADD GUTTER			
	GUTT	ER F	REPAIR NEEDED		GUTTE	R CC	DATING NEEDED	$\checkmark$		
PENETRATION		RE	EPAIRS NEEDED						RATING	5
			EAL/REPAIR ALL				REPAIR SELECT			
		REPI	LACE SKYLIGHT		RAISE HEIG	HT V	VHEN POSSIBLE	<b>✓</b>		
ADDITIONAL		^	OTION NEEDED							
ADDITIONAL	IMDE		CTION NEEDED  ROOF ACCESS		ADD	EVT	ERNAL LADDER			
			AD EQUIPMENT		ADD		ERNAL LADDER			
MAINTENANCE			DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN			
			UNTIL REROOF				TRIM TREES	_		
	CLE	AR R	OOF OF DEBRIS		H\	/AC F	REPAIR NEEDED			
			AT SUSPECTED		KEEP	SS G	UTTERS CLEAR			
LEAKS	E	EVIDE	ENCE OF LEAKS		YES		NO	<b>√</b>		
ROOF CONDITION	ON - OVERALL SY	STEN	// RATING							
VERY POOR					REPLACE OR C	COAT	IMMEDIATELY - S	SPO	T REPAIRS ONLY	
POOR					REPLACE OR (	COAT	IN 1-2 YEARS - S	SPO	T REPAIRS ONLY	
FAIR							REPLACE OF	R CO	AT IN 3-5 YEARS	<b>~</b>
MADOINIAL							DEDI 4.0E.05	00:	T.I. F. 40. V.F. 1. T.O.	

MARGINAL

**EXCELLENT** 

GOOD

THESE BUR SYSTEMS HAVE A LIFESPAN OF ABOUT 15 YEARS SO EVEN THOUGH THE ROOF LOOKS GOOD THE DISTRICT SHOULD PLAN FOR REPLACEMENT WITHIN 5 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
\$0.00	IMMEDIATE REPAIRS AS RECOMMENDED
\$1,500.00	YEARLY PREVENTIVE MAINENANCE
\$0.00	ROOF RECOATING
\$67,500.00	ROOF REPLACEMENT



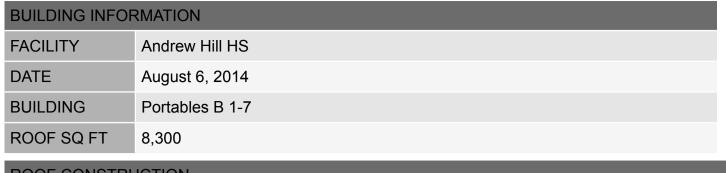


The photo below shows a possible ponding area.



The gutters need to be kept clear - trim trees if possible.







BUILDING	Portables B 1-7							N (	INEERIN G SERVICES FOR THE BUILDING EVIN	ELOPE
ROOF SQ FT	8,300							_		
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	COATING		MS CAP		GRAVEL		SMOOTH			
FLASHINGS	CAPSHEET									
DRAINAGE	JOSAM		SCUPPERS		GUTTERS	<b>✓</b>	OVER EDGE			
SLOPE	SLIGHT		1:12	<b>⋖</b>	2:12		3:12		6:12	
ROOF CONDITIO	ON - RATINGS (1-1	(0) aı	nd RECOMMENDA	IOITA	NS			•		#
FIELD			EPAIRS NEEDED			_		_	RATING	
			RESEAL SEAMS		REPAIR R	LIST	ERS or RIDGING			
	CI E		OOF OF DEBRIS				REPAIR NEEDED			
			AIR SUSPECTED				CE FASTENERS	<b>✓</b>		
	BEGIN		RAZE CRACKING							
						3KII	TLE MEMBRANE			
DITOLUDAND			ELD IS RUSTING	<b>✓</b>					DATINO	
PITCH/POND	_		EPAIRS NEEDED		EI)	, DE			RATING	5
	F		ONDING AREAS SOME PONDING				CK DEFLECTION SSIVE PONDING			
			SOME FONDING			YCE.	SSIVE PONDING			
FLASHING		RI	EPAIRS NEEDED						RATING	3
			EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT		70.1110	
	RESEA	AL/RI	ECOAT AC DUCT		RE	SEA	L/RECOAT WALL			
	RES	EAL	WALL FLASHING		FLASI	HING	S ARE RUSTING	<b>✓</b>		
DRAINAGE		RI	EPAIRS NEEDED						RATING	3
	ADD/F	ENHA	ANCE CRICKETS		ADD/E	IAH	NCE OVERFLOW			
			CLEAR DRAINS				ADD GUTTER			
	GUTT	ER I	REPAIR NEEDED		GUTTE	R CC	DATING NEEDED	<b>✓</b>		
PENETRATION		RI	EPAIRS NEEDED						RATING	-
			EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			
		REP	LACE SKYLIGHT							
ADDITIONAL		,	ACTION NEEDED							
ADDITIONAL	IMPE		E ROOF ACCESS		ADD	FXT	ERNAL LADDER			
			EAD EQUIPMENT				ROOF ACCESS			
MAINTENANCE			DRAINS CLEAN				ERWAYS CLEAN			
	SPOT RE	PAIR	UNTIL REROOF				TRIM TREES			
	CLE	AR R	OOF OF DEBRIS		H\	/AC F	REPAIR NEEDED			
	H	HAZN	NAT SUSPECTED		KEEP	SS G	SUTTERS CLEAR	<b>✓</b>		
LEAKS	E	EVID	ENCE OF LEAKS		YES	<b>\</b>	NO			
ROOF CONDITIO	ON - OVERALL SY	STE	M RATING							
VERY POOR					REPLACE OR C	COAT	IMMEDIATELY -	SPOT	REPAIRS ONLY	
POOR					REPLACE OR	COAT	Γ IN 1-2 YEARS -	SPOT	Γ REPAIRS ONLY	<b>✓</b>
FAIR					REPLACE OR	COAT	Γ IN 3-5 YEARS -	SPOT	Γ REPAIRS ONLY	
MARGINAL							REPLACE OR	COA	T IN 5-10 YEARS	

GOOD

**EXCELLENT** 

THE FACTORY GALVANIZED COATING HAS A LIFESPAN OF ABOUT TEN YEARS. BUDGET TO RECOAT THESE PORTABLES WITHIN THE NEXT COUPLE OF 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	\$2,500.00
ROOF RECOATING	\$83,000.00
ROOF REPLACEMENT	\$0.00

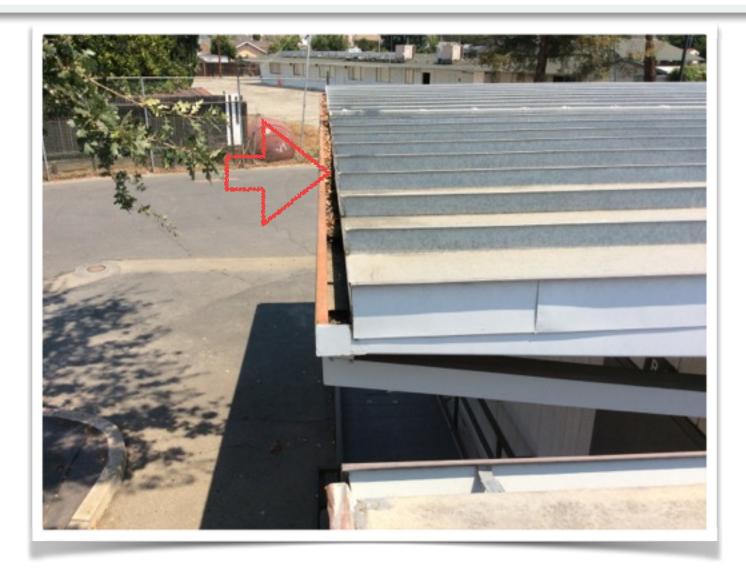


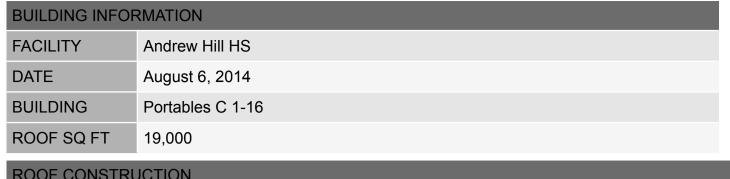


The field is rusting and there have been complaints of leaking.



The gutters need to be kept clean and then recoat them along with the roof.







BUILDING	Portables C 1-16							NGINEERIN	G I N E E R I N NG SERVICES FOR THE BUILDING ENVE	LOPE
ROOF SQ FT	19,000							_		
ROOF CONSTRU	JCTION									
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	METAL SS	$\checkmark$	SINGLE PLY		BUR		MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP		GRAVEL		SMOOTH			
FLASHINGS	CAPSHEET									
DRAINAGE	JOSAM		SCUPPERS		GUTTERS	<b>\</b>	OVER EDGE			
SLOPE	SLIGHT		1:12	<b>\</b>	2:12		3:12		6:12	
ROOF CONDITIO	ON - RATINGS (1-1	0) ar	d RECOMMENDA	OITA	NS					#
FIELD		RE	PAIRS NEEDED						RATING	4
			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			
		CR	AZE CRACKING		E	3RIT	TLE MEMBRANE			
PITCH/POND		RE	PAIRS NEEDED						RATING	6
	F	ILL P	ONDING AREAS		FIX	( DE	CK DEFLECTION			
		(	SOME PONDING		Е	XCE	SSIVE PONDING			
FLASHING		RE	EPAIRS NEEDED						RATING	3
			EAL/REPAIR ALL				REPAIR SELECT			
			ECOAT AC DUCT		RE	SEA	L/RECOAT WALL			
DRAINAGE	RESI		WALL FLASHING EPAIRS NEEDED						RATING	2
DRAINAGE	ADD/F		NCE CRICKETS		ADD/FI	1AH	NCE OVERFLOW		RATING	3
	7(5575	_, ,,	CLEAR DRAINS		7100721		ADD GUTTER			
	GUTT	ER F	REPAIR NEEDED	<b>✓</b>	GUTTE	R CC	DATING NEEDED	<b>✓</b>		
PENETRATION		RE	EPAIRS NEEDED						RATING	-
		RES	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			
		REPI	LACE SKYLIGHT							
ADDITIONAL			CTION NEEDED							
			ROOF ACCESS				ERNAL LADDER			
MAINTENANCE			AD EQUIPMENT DRAINS CLEAN				E ROOF ACCESS ERWAYS CLEAN			
MAINTENANOL			UNTIL REROOF		KELI	VVAI	TRIM TREES			
			OOF OF DEBRIS		ΗV	/AC F	REPAIR NEEDED			
	H	IAZM	AT SUSPECTED		KEEP	SS G	SUTTERS CLEAR	<b>✓</b>		
LEAKS	E	EVIDE	ENCE OF LEAKS		YES		NO	<b>✓</b>		
ROOF CONDITION	ON - OVERALL SY	STEN	A RATING							
VERY POOR					REPLACE OR C	COAT	IMMEDIATELY -	SPO	T REPAIRS ONLY	
POOR					REPLACE OR (	COAT	Γ IN 1-2 YEARS -	SPO	T REPAIRS ONLY	<b>✓</b>
FAIR					REPLACE OR (	COAT	Γ IN 3-5 YEARS -	SPO <sup>-</sup>	T REPAIRS ONLY	
MARGINAL							REPLACE OR	COA	AT IN 5-10 YEARS	

GOOD

**EXCELLENT** 

THE FACTORY GALVANIZED COATING HAS A LIFESPAN OF ABOUT TEN YEARS. BUDGET TO RECOAT THESE PORTABLES WITHIN THE NEXT COUPLE OF 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	\$2,500.00
ROOF RECOATING	\$190,000.00
ROOF REPLACEMENT	\$0.00





The field is starting to show signs of rust - the edge flashing and gutters are rusting.



The fastener sealant is in tact but showing signs of wear.



BUILDING INFORMATION								
FACILITY	Andrew Hill HS							
DATE	August 6, 2014							
BUILDING	C							
ROOF SQ FT	11,800							



BUILDING	С						Ē	N (	G I N E E R I N IG SERVICES FOR THE BUILDING ENVE	G ELOPE	
ROOF SQ FT	11,800							_			
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	METAL SS		SINGLE PLY		BUR	<b>✓</b>	MOD BIT		TWO SYSTEMS		
MEM SURFACE	COATING	<b>✓</b>	MS CAP	<b>\</b>	GRAVEL		SMOOTH				
FLASHINGS	CAPSHEET	<b>✓</b>									
DRAINAGE	JOSAM	<b>√</b>	SCUPPERS		GUTTERS		OVER EDGE				
SLOPE	NONE		1:12	<b>⋖</b>	2:12		3:12		6:12		
ROOF CONDITIO	ON - RATINGS (1-1	0) ar	nd RECOMMENDA	ATIOI	NS					#	
FIELD		RI	EPAIRS NEEDED	<b>✓</b>					RATING	5	
			RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING	<b>✓</b>	SS RATING		
	CLEA	AR R	OOF OF DEBRIS		DE	CK F	REPAIR NEEDED			1	
	DECK	REP/	AIR SUSPECTED		RESEAL/F	RPLA	CE FASTENERS				
		CF	RAZE CRACKING		ı	3RIT	TLE MEMBRANE				
PITCH/POND		RI	EPAIRS NEEDED						RATING	7	
	F	ILL F	ONDING AREAS		FIX	( DE	CK DEFLECTION				
	Е	XCE	SSIVE PONDING								
FLASHING		RI	EPAIRS NEEDED						RATING	7	
			EAL/REPAIR ALL				REPAIR SELECT		SS RATING		
			ECOAT AC DUCT		RESEAL/RECOAT WALL						
DDAINAGE	RES		WALL FLASHING						DATINO	7	
DRAINAGE	V D D /E		EPAIRS NEEDED  ANCE CRICKETS		<b>ADD/E</b>		NCE OVERFLOW		RATING	7	
	ADD/E	INI IA	CLEAR DRAINS		ADD/EI	NI IAI	ADD GUTTER				
	GUTT	ER F	REPAIR NEEDED		GUTTER COATING NEEDED						
PENETRATION			EPAIRS NEEDED						RATING	7	
		RES	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			1	
MAINTENANCE	k	ŒEF	DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN				
			UNTIL REROOF				TRIM TREES				
			OOF OF DEBRIS				REPAIR NEEDED				
. =			IAT SUSPECTED				SUTTERS CLEAR				
LEAKS			ENCE OF LEAKS		YES	<b>V</b>	NO				
	ON - OVERALL SY	STE	RATING								
VERY POOR									T REPAIRS ONLY		
POOR					REPLACE OR (	COAT	「IN 1-2 YEARS - S				
FAIR					REPLACE OR COAT IN 3-5 YEARS						

**MARGINAL** 

**EXCELLENT** 

GOOD

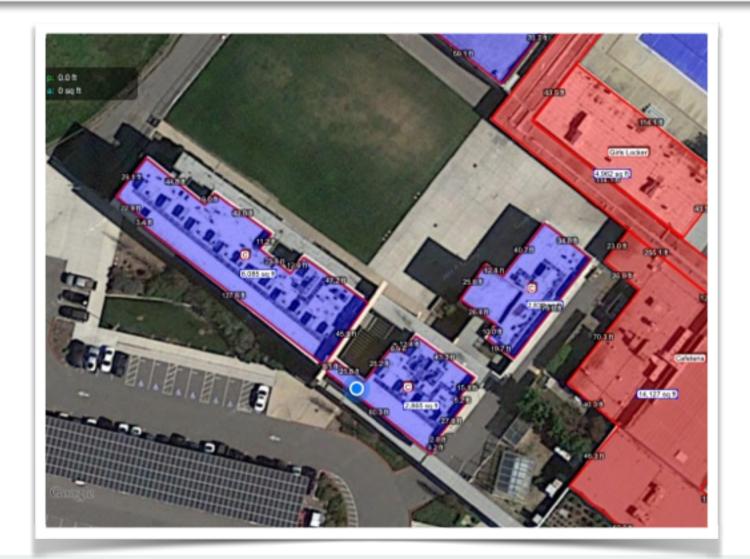
ALTHOUGH THE ROOF IS REVIEWED QUITE WELL THERE ARE SOME BAD BLISTERS THAT NEED TO BE REPAIRED AND THE SMALLEST SECTION/ROOF HAS BEEN LEAKING INTO THE BUILDING FOR A LONG TIME - IT SHOULD BE TRACKED DOWN AND SEALED.

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
\$0.00	IMMEDIATE REPAIRS AS RECOMMENDED
\$1,500.00	YEARLY PREVENTIVE MAINENANCE
\$0.00	ROOF RECOATING
\$177,000.00	ROOF REPLACEMENT





The photo below shows some blistering in the field - not easily seen.



The photo below shows some light ponding.







BUILDING	Canopy A						E	NGIVEERIN	IG SERVICES FOR THE BUILDING ENVI	ELOPE
ROOF SQ FT	25,800							_		
ROOF CONSTRU	JCTION									
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	METAL SS		SINGLE PLY		BUR	<b></b>	MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP	<b>✓</b>	GRAVEL		SMOOTH			
FLASHINGS	CAPSHEET									
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) aı	nd RECOMMENDA	IOITA	NS					#
FIELD		RI	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	<b>~</b>	RESEAL/F	RPLA	CE FASTENERS			
		CF	RAZE CRACKING				TLE MEMBRANE			
PITCH/POND			EPAIRS NEEDED			J. (			RATING	4
	F		PONDING AREAS		FIΣ	( DE	CK DEFLECTION	<b>~</b>	70.11110	•
			SOME PONDING	<b>✓</b>			SSIVE PONDING			
FLASHING		RI	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	5
	ADD/E	ENHA	ANCE CRICKETS		ADD/E	1AH/	NCE OVERFLOW			
			CLEAR DRAINS				ADD GUTTER			
DENETDATION	GUTT		REPAIR NEEDED	<b>V</b>	GUTTE	R CC	DATING NEEDED		DATINO	
PENETRATION			EPAIRS NEEDED EAL/REPAIR ALL		DEC	<b>= A L</b> /	REPAIR SELECT		RATING	-
			LACE SKYLIGHT		RES	CAL/	REPAIR SELECT			
			LAGE OKTEIOTT							
ADDITIONAL		ļ	ACTION NEEDED							
	IMPF	ROVE	E ROOF ACCESS		ADD	EXT	ERNAL LADDER			
	REMOV	E DE	AD EQUIPMENT	<b>✓</b>						
MAINTENANCE	k	KEEF	P DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN			
	SPOT RE	PAIR	UNTIL REROOF				TRIM TREES			
	CLEA	AR R	OOF OF DEBRIS		HV	/AC F	REPAIR NEEDED			
			MAT SUSPECTED				SUTTERS CLEAR			
LEAKS	E	EVID	ENCE OF LEAKS		YES	<b>✓</b>	NO			
	ON - OVERALL SY	STEI	M RATING							
VERY POOR									TREPAIRS ONLY	
POOR							_		F REPAIRS ONLY	
FAIR			POOR HOV	VEVE	R REPLACE OR (	COAT			Γ REPAIRS ONLY	
MARGINAL									T IN 5-10 YEARS	
GOOD							REPLACE OR (	COAT	IN 10-15 YEARS	

**EXCELLENT** 

3-5 YEARS REPLACEMENT ONLY CHOSEN BECAUSE THE CANOPIES ARE NOT OVER ENCLOSED/INTERIOR SPACES. THEREFORE REPLACEMENT MAY BE DELAYED. REPLACEMENT WILL BE EXPENSIVE DUE TO EXCESSIVE PIPING AND EQUIPMENT THROUGHOUT THE FIELD.

ONLY IF ROOF IS LESS THAN 5 YEARS OLD

	BUDGETESTIMATES
\$0.00	IMMEDIATE REPAIRS AS RECOMMENDED
\$1,500.00	YEARLY PREVENTIVE MAINENANCE
\$0.00	ROOF RECOATING
\$387,000.00	ROOF REPLACEMENT

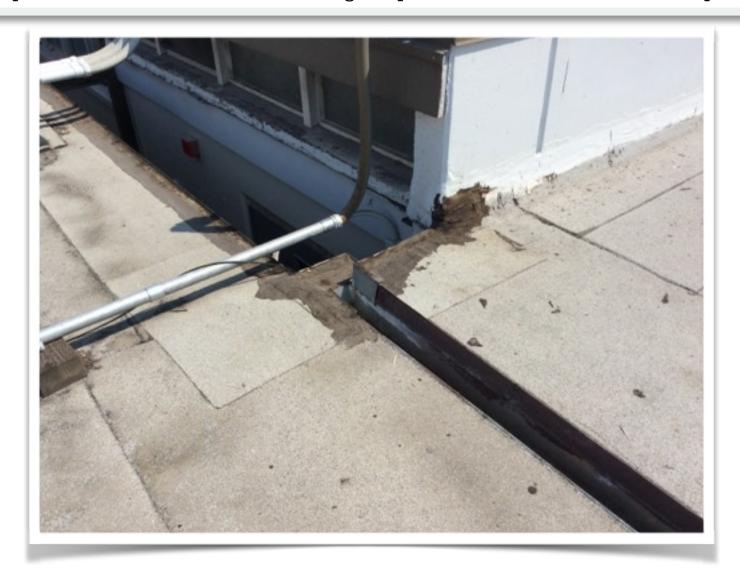




The photo below shows older repairs which are failing at this point.



The photo below shows evidence of leaking and problems associated with the canopies.



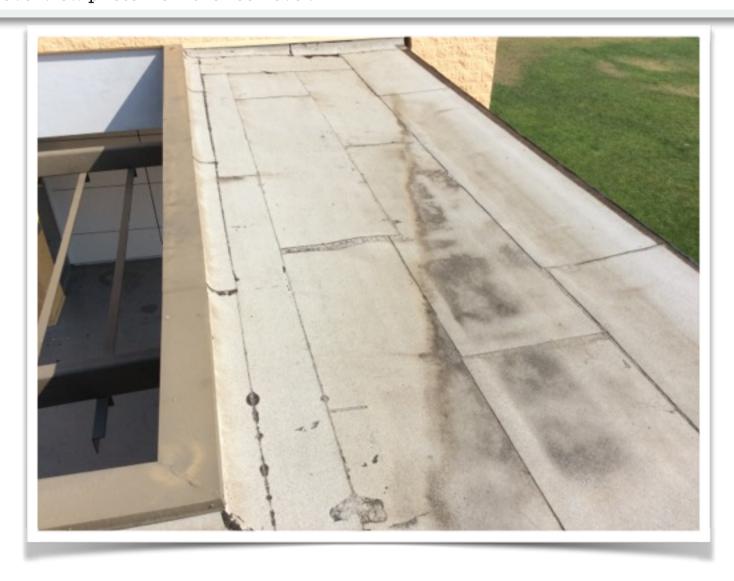




BUILDING	Canopies B, C, D,	, and I	<b>=</b>					E N	GINEERIN	G
ROOF SQ FT	4,500							ENGINEERI	NG SERVICES FOR THE BUILDING ENVE	ELOPE
ROOF CONSTRU	JCTION						_			
ROOF AGE	UNKNOWN		0-5 YEARS		5-10 YEARS		10-15 YEARS		15+ YEARS	
DECK TYPE	METAL		PLYWOOD	<b>-</b>	PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE	<b>-</b>	ISO		FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH		2 INCH		3 INCH		4 INCH	1	TAPERED	
MEMBRANE	METAL SS		SINGLE PLY		BUR		MOD BI		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP		GRAVEL		SMOOTH	1		
FLASHINGS	CAPSHEET									
DRAINAGE	JOSAM		SCUPPERS		GUTTERS		OVER EDGE			
SLOPE	SLIGHT	<b>-</b>	1:12		2:12			2	6:12	
ROOF CONDITIO	ON - RATINGS (1-1						_			#
FIELD	)N - NATINGS (1-1		PAIRS NEEDED		10				RATING	
FIELD						LICT		<b>.</b>	SS RATING	
			RESEAL SEAMS				ERS or RIDGING		33 NATING	
			OF OF DEBRIS				REPAIR NEEDEI			
	DECK		IR SUSPECTED				CE FASTENERS			
			AZE CRACKING			BRIT"	TLE MEMBRANE			
PITCH/POND	_		PAIRS NEEDED		<b>-</b> 10		01/ DEE! EQTION		RATING	6
	F		ONE DONDING				CK DEFLECTION			
		3	OME PONDING		E	XUE:	SSIVE PONDING			
FLASHING		RFI	PAIRS NEEDED						RATING	5
1 L/ (G/ III V			AL/REPAIR ALL		RES	EAL/	REPAIR SELEC	-	SS RATING	
			COAT AC DUCT				L/RECOAT WALI			
	RESE	EAL W	/ALL FLASHING							
DRAINAGE		REI	PAIRS NEEDED						RATING	5
	ADD/E	IAHNE	NCE CRICKETS		ADD/E	NHAN	NCE OVERFLOW			
		(	CLEAR DRAINS				ADD GUTTER	R		
	GUTT	ER RI	EPAIR NEEDED		GUTTE	RCC	DATING NEEDEL			
PENETRATION			PAIRS NEEDED						RATING	-
			AL/REPAIR ALL		RES	EAL/	REPAIR SELEC			
	l	KEPL	ACE SKYLIGHT							
ADDITIONAL		Δ	CTION NEEDED							
ADDITIONAL	IMPR		ROOF ACCESS		ADD	EXT	ERNAL LADDEF	2		
			AD EQUIPMENT							
MAINTENANCE	к	(EEP I	DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN			
	SPOT REI	PAIR I	UNTIL REROOF				TRIM TREES	3		
	CLEA	AR RC	OF OF DEBRIS		H\	/AC F	REPAIR NEEDE			
	Н	IAZMA	AT SUSPECTED		KEEP	SS G	UTTERS CLEAF	R		
LEAKS	E	VIDE	NCE OF LEAKS		YES		NC			
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 OR	COAT	IN 3-5 YEARS -	SPO	T REPAIRS ONLY	
MARGINAL							REPLACE OF	R COA	AT IN 5-10 YEARS	<b>✓</b>
GOOD									IN 10-15 YEARS	
EXCELLENT					C	NLY	IF ROOF IS LES	STH	AN 5 YEARS OLD	
ADDITIONAL NO	TES									
THESE CANOPY	SECTIONS ARE I	N REI	LATIVELY GOOD	SHA	PE.					

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





The photo below shows these canopies in marginal condition.



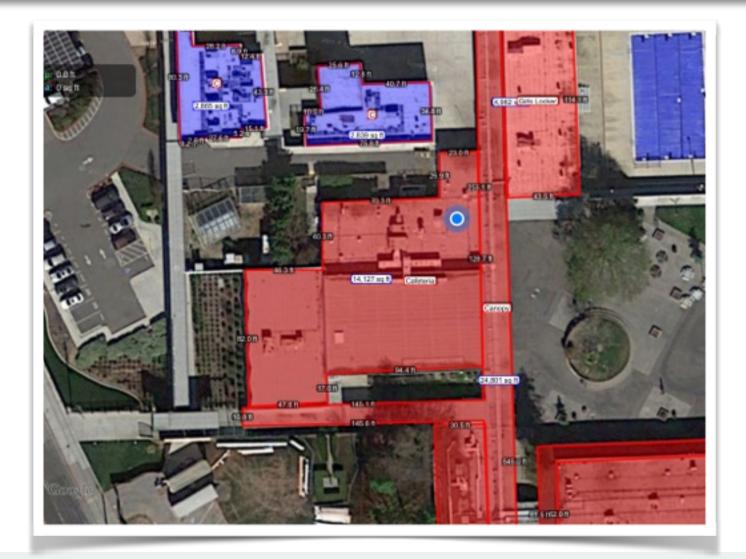
BUILDING INFORMATION									
FACILITY	Andrew Hill HS								
DATE	August 6, 2014								
BUILDING	Cafeteria								
ROOF SQ FT	14,100								



BUILDING	Cafeteria				E N G I N E E R I Engineering Services for the Building					G
ROOF SQ FT	14,100								o connect for the options of the	1001
ROOF CONSTRU	JCTION									
ROOF AGE	2005	$\checkmark$	0-5 YEARS		5-10 YEARS		10-15 YEARS		15+ YEARS	
DECK TYPE	METAL		PLYWOOD	$\checkmark$	PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE		ISO		FIBER		PERLITE		STYRO	<b>\</b>
INSUL THICK	1 INCH	$\checkmark$	2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	METAL SS		SINGLE PLY		BUR	<b>✓</b>	MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP		GRAVEL		SMOOTH			
FLASHINGS	CAPSHEET	$ \checkmark $								
DRAINAGE	JOSAM	$\checkmark$	SCUPPERS	$\checkmark$	GUTTERS		OVER EDGE			
SLOPE	NONE		1:12	<b>✓</b>	2:12		3:12		6:12	
ROOF CONDITIO	ON - RATINGS (1-1	0) ar	nd RECOMMENDA	ATIOI	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 REPAIR SUSPECTED				RESEAL/F	RPLA	CE FASTENERS			
	CRAZE CRACKING				į.	3RIT	TLE MEMBRANE	<b>✓</b>		
PITCH/POND	REPAIRS NEEDED								RATING	3
	FILL PONDING AREAS				FIX	( DE(	CK DEFLECTION	<b>✓</b>		
	EXCESSIVE PONDING									
FLASHING	REPAIRS NEEDED								RATING	2
	RESEAL/REPAIR ALL						REPAIR SELECT		SS RATING	
			ECOAT AC DUCT		LOWER - RE	SEA	L/RECOAT WALL	<b>✓</b>		
DRAINAGE	KESI		WALL FLASHING EPAIRS NEEDED						RATING	2
DIV IIIV (OL	ADD/E		ANCE CRICKETS		ADD/EN	1AH	NCE OVERFLOW		TOTTINO	
			CLEAR DRAINS	<b>✓</b>			ADD GUTTER			
	GUTT	ER F	REPAIR NEEDED		GUTTE	R CC	DATING NEEDED			
PENETRATION		RE	EPAIRS NEEDED						RATING	3
		RES	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			
MAINTENANCE	KEEP DRAINS CLEAN				KEEP	WAT	ERWAYS CLEAN			
	SPOT REPAIR UNTIL REROOF				H\.	/ΔC F	TRIM TREES REPAIR NEEDED	<b>V</b>		
	CLEAR ROOF OF DEBRIS HAZMAT SUSPECTED						SUTTERS CLEAR			
LEAKS	EVIDENCE OF LEAKS				YES		NO			
ROOF CONDITIO	ON - OVERALL SY:	STFN	M RATING		_		_			
VERY POOR		0.2.			REPLACE OR C	COAT	IMMEDIATELY - S	SPOT	Γ REPAIRS ONLY	
POOR									Γ REPAIRS ONLY	<b>✓</b>
FAIR									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	S THA	AN 5 YEARS OLD	
4.D.D.I.T.I.O.V.I.I.										

UPPER LEVEL IS IN WORSE SHAPE THAN THE LOWER HOWEVER REPLACING ALL LEVELS AT THE SAME TIME WOULD BE ADVISED.

	BUDGET ESTIMATES
\$0.00	IMMEDIATE REPAIRS AS RECOMMENDED
\$1,500.00	YEARLY PREVENTIVE MAINENANCE
\$0.00	ROOF RECOATING
\$211,500.00	ROOF REPLACEMENT



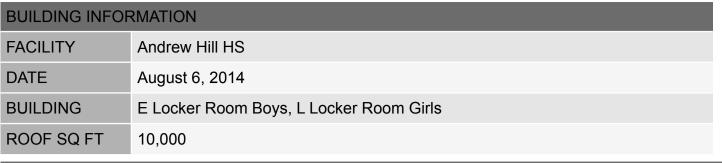


The photo below shows excessive ponding and edge flashing failure.



The photo below shows the base flashing in bad shape - the windows need to be resealed.







BUILDING	E Locker Room Boys, L Locker Room Girls								E N G I N E E R I N G ENGINEERING SERVICES FOR THE BUILDING ENVELOPE			
ROOF SQ FT	10,000											
ROOF CONSTRU	JCTION											
ROOF AGE	2012	<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	METAL SS		SINGLE PLY		BUR	<b>~</b>	MOD BIT		TWO SYSTEMS			
MEM SURFACE	COATING	_	MS CAP	<b>~</b>	GRAVEL		SMOOTH	<b>~</b>	GRANULE			
FLASHINGS	CAPSHEET	_	HYPALON									
DRAINAGE	JOSAM		SCUPPERS		GUTTERS	<b>~</b>	OVER EDGE					
SLOPE	SLIGHT	_	1:12		2:12		3:12		6:12			
ROOF CONDITIO	N - RATINGS (1-1	0) and	H RECOMMENDA		JS					#		
FIELD	M - IVATINGS (1-1		PAIRS NEEDED		VO				RATING	8		
LIELD					DEDAID	LIOT						
			RESEAL SEAMS				ERS or RIDGING		SS RATING			
			OF OF DEBRIS		DE	:CK F	REPAIR NEEDED					
	DECK I		IR SUSPECTED		RESEAL/F	RPLA	CE FASTENERS					
		CR	AZE CRACKING		E	3RIT	TLE MEMBRANE					
		EX	CESSIVE WEAR		MEMBRAN	IE FII	BERS EXPOSED					
PITCH/POND		RE	PAIRS NEEDED						RATING	8		
	FILL PONDING AREAS				FIX	( DE(	CK DEFLECTION					
		S	OME PONDING		EXCESSIVE PONDING							
FLASHING	REPAIRS NEEDED								RATING	8		
	RESEAL/REPAIR ALL						REPAIR SELECT		SS RATING			
			COAT AC DUCT		RE	SEA	L/RECOAT WALL					
DRAINAGE	RESEAL WALL FLASHING								RATING	0		
DRAINAGE	REPAIRS NEEDED  ADD/ENHANCE CRICKETS				ADD/EN	ЛΗΔΝ	ICE OVERFLOW		RATING	8		
	ADDIL		CLEAR DRAINS		ADD GUTTER							
	GUTT		EPAIR NEEDED		GUTTER COATING NEEDED							
PENETRATION			PAIRS NEEDED						RATING	8		
		RESE	AL/REPAIR ALL		RES	EAL/	REPAIR SELECT					
	REPLACE	SELE	CT SKYLIGHTS		RAISE HEIG	HT V	VHEN POSSIBLE					
ADDITIONAL		A	CTION NEEDED									
	IMPF	ROVE	ROOF ACCESS		ADD	EXT	ERNAL LADDER					
	REMOV	E DE	AD EQUIPMENT		REDESIGN PARAPET WALL SYS							
MAINTENANCE			DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN					
			UNTIL REROOF				TRIM TREES					
			OF OF DEBRIS		HVAC REPAIR NEEDED							
			AT SUSPECTED		KEEP SS GUTTERS CLE							
LEAKS		EVIDE	NCE OF LEAKS		YES		NO	<b>✓</b>				
	N - OVERALL SY	STEM	RATING									
VERY POOR									TREPAIRS ONLY			
POOR					REPLACE OR (	COAT			T REPAIRS ONLY			
FAIR									AT IN 3-5 YEARS			
MARGINAL							REPLACE OR	COA	T IN 5-10 YEARS			
GOOD									IN 10-15 YEARS			
EXCELLENT					0	NLY	IF ROOF IS LES	S THA	AN 5 YEARS OLD	<b>\</b>		

REPLACE AS SOON AS POSSIBLE.

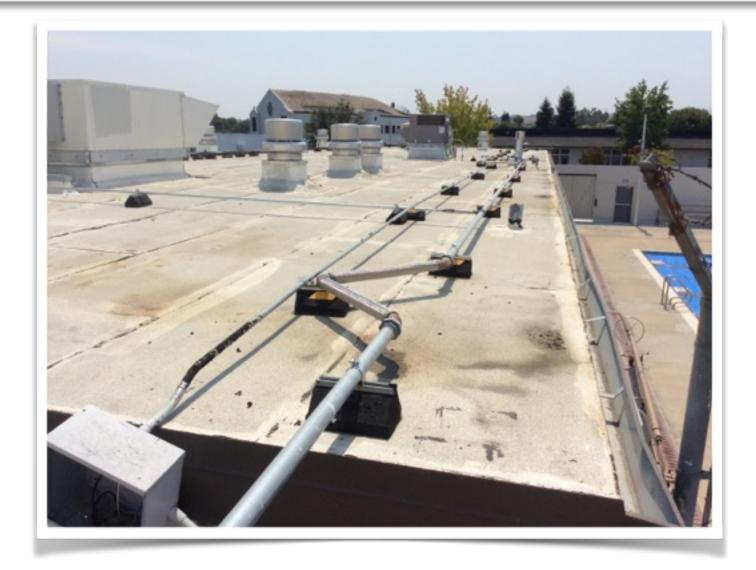
BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$2,000.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$130,000.00



An overview photo from the roof level - girls locker room.



Another overview photo - boys locker room.



Remove unused equipment and debris from the roof.







BUILDING	K Library						E		G I N E E K I N NG SERVICES FOR THE BUILDING ENVE	ELOPE	
ROOF SQ FT	4,400							_			
ROOF CONSTRU	JCTION										
ROOF AGE	2000	<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	METAL SS		SINGLE PLY		BUR		MOD BIT		TWO SYSTEMS		
MEM SURFACE	COATING		MS CAP		GRAVEL		SMOOTH		GRANULE		
FLASHINGS	CAPSHEET	<b>~</b>	HYPALON								
DRAINAGE	JOSAM		SCUPPERS		GUTTERS		OVER EDGE	<u></u>			
SLOPE	SLIGHT		1:12		2:12		3:12		6:12		
		0) 21							51.2		
	DN - RATINGS (1-1				NS	-		•	DATING	#	
FIELD			EPAIRS NEEDED						RATING	5	
			RESEAL SEAMS				ERS or RIDGING		SS RATING		
	CLE	AR R	OOF OF DEBRIS		DE	CK F	REPAIR NEEDED				
	DECK	REPA	AIR SUSPECTED		RESEAL/F	RPLA	CE FASTENERS				
		CR	AZE CRACKING		E	BRIT	TLE MEMBRANE				
		EX	CESSIVE WEAR		MEMBRANE FIBERS EXPOSED						
PITCH/POND		RE	EPAIRS NEEDED						RATING	5	
	FILL PONDING AREAS				FIX DECK DEFLECTION						
	SOME	PON	DING IN VALLEY		EXCESSIVE PONDING						
FLASHING	REPAIRS NEEDED								RATING	4	
			EAL/REPAIR ALL				REPAIR SELECT		SS RATING		
		RESEAL/RECOAT AC DUCT				RESEAL/RECOAT WALL					
DDAINAGE	RES		WALL FLASHING						DATING	1	
DRAINAGE	4 D D //		PAIRS NEEDED  NCE CRICKETS	<b>V</b>	ADD/EN	.11.4 A A	ICE OVERFLOW		RATING	4	
	ADD/I	=INF/	CLEAR DRAINS		ADD/EI	NITAIN	ADD GUTTER				
	GUTT	FRF	REPAIR NEEDED		GUTTE	R CC	ADD GOTTEN				
PENETRATION			EPAIRS NEEDED		30112		, thit of the EBEB		RATING	4	
			EAL/REPAIR ALL		RES	EAL/I	REPAIR SELECT		7.0.11.11.0		
		REPI	LACE SKYLIGHT	<b>✓</b>			HEN POSSIBLE	_			
ADDITIONAL		Α	CTION NEEDED								
	IMPF	ROVE	ROOF ACCESS		ADD	EXT	ERNAL LADDER				
	REMOV	E DE	AD EQUIPMENT								
MAINTENANCE	ŀ	KEEP	DRAINS CLEAN		KEEP	WATI	ERWAYS CLEAN				
	SPOT RE	PAIR	UNTIL REROOF	<b>✓</b>			TRIM TREES				
	CLE	CLEAR ROOF OF DEBRIS				HVAC REPAIR NEEDED					
	H	HAZM	AT SUSPECTED		KEEP	SS G	UTTERS CLEAR				
LEAKS	E	EVIDE	ENCE OF LEAKS		YES	<b>✓</b>	NO				
ROOF CONDITIO	ON - OVERALL SY	STEN	M RATING								
VERY POOR					REPLACE OR C	CAT	IMMEDIATELY - S	SPO	T REPAIRS ONLY		
POOR					REPLACE OR (	COAT	IN 1-2 YEARS - S	SPO	T REPAIRS ONLY		
FAIR					REPLACE OR (	COAT	IN 3-5 YEARS - S	SPO	T REPAIRS ONLY		
MARGINIAI							REPLACE OR	COA	AT IN 5-10 YEARS		

MARGINAL

**EXCELLENT** 

GOOD

THESE BUR SYSTEMS HAVE A LIFESPAN OF ABOUT 15 YEARS SO EVEN THOUGH THE ROOF LOOKS GOOD THE DISTRICT SHOULD PLAN FOR REPLACEMENT WITHIN 5 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	\$66,000.00





The photo below shows problems with an inadequate cap flashing - replace with reroof.



The photo below shows signs of a leaking skylight - replace when re-roofed.







DATE	August 6, 2014							9 1	AYLIM	Ę
BUILDING	Press Box		L.	NGINEERIN	G I N E E R I N NG SERVICES FOR THE BUILDING ENVEL	LOPE				
ROOF SQ FT	180							_		
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 FLAT	<b></b>	SINGLE PLY		BUR		MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING	<b>✓</b>	MS CAP		GRAVEL		SMOOTH			
FLASHINGS	CAPSHEET									
DRAINAGE	JOSAM		SCUPPERS		GUTTERS		OVER EDGE	<b>~</b>		
SLOPE	SLIGHT	<b>✓</b>	1:12		2:12		3:12		6:12	
ROOF CONDITIO	DN - RATINGS (1-1	0) and	d RECOMMENDA	ATIOI	NS		_			#
FIELD			PAIRS NEEDED						RATING	7
			RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING			
	CI E/		OF OF DEBRIS				REPAIR NEEDED			
			IR SUSPECTED							
	DECK						CE FASTENERS			
			AZE CRACKING			3RIT	TLE MEMBRANE			
PITCH/POND	_		PAIRS NEEDED		<b>-</b> 10		N/ DEE! EQTION		RATING	6
	F		ONDING AREAS				CK DEFLECTION			
		5	OME PONDING		E	XCE	SSIVE PONDING			
FLASHING	REPAIRS NEEDED								RATING	5
LASHING	RESEAL/REPAIR ALL				RES	FΔI /I	REPAIR SELECT		NATING	J
	RESEAL/RECOAT AC DUCT						L/RECOAT WALL			
	RESEAL WALL FLASHING									
DRAINAGE		RE	PAIRS NEEDED						RATING	5
	ADD/E	ENHA	NCE CRICKETS		ADD/E	NHAN	ICE OVERFLOW			
			CLEAR DRAINS							
	GUTT	ER R	EPAIR NEEDED		GUTTE	R CC	DATING NEEDED			
PENETRATION		RE	PAIRS NEEDED						RATING	-
		RESE	AL/REPAIR ALL		RES	EAL/I	REPAIR SELECT			
		REPL	ACE SKYLIGHT							
ADDITIONAL			CTION NEEDED							
			ROOF ACCESS				ERNAL LADDER			
NAAINITENIANIOE			AD EQUIPMENT				ROOF ACCESS			
MAINTENANCE			DRAINS CLEAN		KEEP	WAII	ERWAYS CLEAN			
			UNTIL REROOF OF OF DEBRIS		LI\	/^ C E	TRIM TREES REPAIR NEEDED			
			AT SUSPECTED				UTTERS CLEAR			
LEAKS			NCE OF LEAKS		YES			<b>✓</b>		
	ON - OVERALL SY				120		110			
VERY POOR	JN - OVERALL ST	S I EIVI	RATING		REPLACE OR C	ΥΔΟΥ	IMMEDIATELY -	SPO:	T REPAIRS ONLY	
POOR									T REPAIRS ONLY	
FAIR									T REPAIRS ONLY	
MARGINAL					NEFLACE OR (	JUAI				
GOOD									IN 10-15 YEARS	
EXCELLENT						NII V			AN 5 YEARS OLD	
LAULLENT	TE0					INLI	II NOOF IS LESS	, i∏/	WY O I LARO OLD	

THE ROOF IS IN GOOD SHAPE.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$0.00
ROOF RECOATING	\$1,800.00
ROOF REPLACEMENT	\$0.00





BUILDING INFORMATION									
FACILITY	Andrew Hill HS								
DATE	August 6, 2014								
BUILDING	R Childcare								
ROOF SQ FT	3,000								



BUILDING	R Childcare  E N G I N E E R I N ENGINEERING SERVICES FOR THE BUILDING ENVELO									G ELOPE
ROOF SQ FT	3,000							_		
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	METAL SS		SINGLE PLY		BUR	<b>⋖</b>	MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING	<b>✓</b>	MS CAP	<b>✓</b>	GRAVEL		SMOOTH	<b>✓</b>		
FLASHINGS	CAPSHEET	<b>✓</b>								
DRAINAGE	JOSAM	<b>✓</b>	SCUPPERS		GUTTERS		OVER EDGE			
SLOPE	SLIGHT		1:12	<b>\</b>	2:12		3:12		6:12	
ROOF CONDITIO	DN - RATINGS (1-1	0) an	d RECOMMENDA	OITA	NS					#
FIELD		RE	PAIRS NEEDED						RATING	6
			RESEAL SEAMS		S	OME	LIGHT RIDGING	<b>~</b>	SS RATING	
	CL EA		OOF OF DEBRIS				REPAIR NEEDED			
			AIR SUSPECTED				CE FASTENERS			
			AZE CRACKING				TLE MEMBRANE			
PITCH/POND					,	וואוכ	TEE WEWDITAINE		RATING	6
THOM/TOND	REPAIRS NEEDED FILL PONDING AREAS				FIX	( DE(	CK DEFLECTION		1001110	
			SOME PONDING	<b>V</b>	EXCESSIVE 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	PAIRS NEEDED						RATING	6
	ADD/E	ENHA	NCE CRICKETS		ADD/EN	1AH	NCE OVERFLOW			
	CUTT	-CD C	CLEAR DRAINS		CUTTE	D 00	ADD GUTTER			
PENETRATION	GUII		EPAIR NEEDED EPAIRS NEEDED		GUITE	RUC	DATING NEEDED		RATING	6
FENETIATION			EAL/REPAIR ALL		RES	FAI/	REPAIR SELECT		NATING	U
			ACE SKYLIGHT		NEGE, KEIT, KIN GELEGT					
ADDITIONAL		А	CTION NEEDED							
	IMPF	ROVE	ROOF ACCESS		ADD	EXT	ERNAL LADDER			
	REMOV	E DE	AD EQUIPMENT		SECURE ROOF ACCESS					
MAINTENANCE	k	KEEP	DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN			
	SPOT RE	PAIR	UNTIL REROOF				TRIM TREES			
			OOF OF DEBRIS				REPAIR NEEDED			
. =			AT SUSPECTED		KEEP SS GUTTERS CLEAR					
LEAKS	Е	EVIDE	ENCE OF LEAKS		YES	<b>V</b>	NO			_
	ON - OVERALL SY	STEN	1 RATING							
VERY POOR									T REPAIRS ONLY	
POOR							「IN 1-2 YEARS - S			
FAIR					REPLACE OR (	CAOC			T REPAIRS ONLY	
MARGINAL									T IN 5-10 YEARS	
GOOD					_	NII V			IN 10-15 YEARS	
EXCELLENT					C	NLY	IF ROOF IS LESS	i iH/	AN 5 YEARS OLD	

THIS ROOF IS LEAKING. THE AC UNIT IS LEAKING INTERNALLY AND THE WATER IS FLOWING BEHIND THE FLASHING AND STRAIGHT DOWN INTO THE BUILDING. WATER DAMAGE MAY BE SEEN ON THE CEILING INSIDE.

BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$1,500.00
ROOF RECOATING	\$0.00
ROOF REPLACEMENT	\$45,000.00



An overview photo from the roof level. The arrow identifies the leaking AC unit.



The lower roofs are showing some signs of ridging.



The AC unit is leaking internally and dripping down the back of the flashing.







BUILDING	S Science						Ē	N	G I N E E R I N	G
ROOF SQ FT	2,700						Ŀ	NGINEERIN	NG SERVICES FOR THE BUILDING ENVE	ELOPE
ROOF CONSTRU	JCTION		_		_		_			
ROOF AGE	1995	<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			
FLASHINGS	CAPSHEET	<b>✓</b>								
DRAINAGE	JOSAM	<b>✓</b>	SCUPPERS		GUTTERS		OVER EDGE			
SLOPE	NONE		1:12	<b>\</b>	2:12		3:12		6:12	
ROOF CONDITIO	ON - RATINGS (1-1	0) ar	nd RECOMMENDA	1OITA	NS		_			#
FIELD			EPAIRS NEEDED						RATING	4
7.122			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			
PITCH/POND			EPAIRS NEEDED			SKH	ILE WEWDRANE		RATING	5
THOM/TOND	F		PONDING AREAS		FIX	(DEC	CK DEFLECTION		IVATINO	J
			SSIVE PONDING			, , ,	J. ( ) L.			
FLASHING	REPAIRS NEEDED								RATING	3
	RESEAL/REPAIR ALL				RES	EAL/I	REPAIR SELECT		SS RATING	
	RESEA	AL/RE	ECOAT AC DUCT		RE	SEAI	_/RECOAT WALL			
	RESI	EAL \	WALL FLASHING							
DRAINAGE			EPAIRS NEEDED						RATING	5
	ADD/E	ENHA	ANCE CRICKETS		ADD/EN	NHAN	ICE OVERFLOW			
	CUTT		CLEAR DRAINS		OUTTE	D 00	ADD GUTTER			
PENETRATION	GUTT		EPAIR NEEDED EPAIRS NEEDED		GUITE	RCC	ATING NEEDED		RATING	3
FENETIATION			EAL/REPAIR ALL		RES	FAI /I	REPAIR SELECT		NATING	3
			LACE SKYLIGHT	<b>V</b>	1120		ALI / III OLLLO I			
ADDITIONAL		A	ACTION NEEDED							
	IMPF	ROVE	ROOF ACCESS	<b>✓</b>	ADD	EXT	ERNAL LADDER	<b>✓</b>		
	REMOV	E DE	AD EQUIPMENT							
MAINTENANCE	k	KEEP	DRAINS CLEAN		KEEP	WATI	ERWAYS CLEAN			
	SPOT RE	PAIR	UNTIL REROOF				TRIM TREES			
			OOF OF DEBRIS				REPAIR NEEDED			
. =			MAT SUSPECTED				UTTERS CLEAR			
LEAKS	<u> </u>	VIDI	ENCE OF LEAKS		YES	•	NO			_
	ON - OVERALL SY	STE	M RATING							
VERY POOR									T REPAIRS ONLY	
POOR					REPLACE OR (	COAT			T REPAIRS ONLY	
FAIR									AT IN 3-5 YEARS	
MARGINAL									T IN 5-10 YEARS	
GOOD					^	MILAZ			IN 10-15 YEARS	
EXCELLENT					0	INLY	IF KOOF IS LESS	) IHA	AN 5 YEARS OLD	
ADDITIONAL NO	TES									

ROOF SECTIONS AND AREA INCLUDES THE FIVE SMALL "POCKET" ROOFS.

	BUDGET ESTIMATES
\$0.00	IMMEDIATE REPAIRS AS RECOMMENDED
\$1,500.00	YEARLY PREVENTIVE MAINENANCE
\$0.00	ROOF RECOATING
\$40,500.00	ROOF REPLACEMENT





The photo below shows base flashing failure and evidence of leaking.



The skylight needs to be replaced or removed when the roof is replaced.



BUILDING INFORMATION								
FACILITY	Andrew Hill HS							
DATE	August 6, 2014							
BUILDING	S Science							
ROOF SQ FT	11,300							



REPLACE OR COAT IN 10-15 YEARS

ONLY IF ROOF IS LESS THAN 5 YEARS OLD

BUILDING	S Science							N (	INEERIN OF SERVICES FOR THE BUILDING ENVE	G
ROOF SQ FT	11,300								o contract for the satisfies enter	
ROOF CONSTRU	JCTION									
ROOF AGE	1995	<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 🗹 ISO				FIBER		PERLITE		STYRO	
INSUL THICK	1 INCH 2 INCH				3 INCH		4 INCH		TAPERED	
MEMBRANE	CLAY TILE	<b>⋖</b>	SINGLE PLY		BUR		MOD BIT		TWO SYSTEMS	
MEM SURFACE	COATING		MS CAP		GRAVEL		SMOOTH			
FLASHINGS	CAPSHEET									
DRAINAGE	JOSAM		SCUPPERS		GUTTERS	$\checkmark$	OVER EDGE			
SLOPE	NONE		1:12		2:12		3:12	<b>✓</b>	6:12	
ROOF CONDITIO	ON - RATINGS (1-1	0) an	d RECOMMENDA	OITA	NS					#
FIELD		RE	PAIRS NEEDED						RATING	7
		ı	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		ĺ	3RIT	TLE MEMBRANE			
PITCH/POND		RE	PAIRS NEEDED						RATING	9
	F	ILL P	ONDING AREAS		FIX	( DE(	CK DEFLECTION			
	Е	XCES	SSIVE PONDING							
FLASHING		RE	PAIRS NEEDED						RATING	7
			EAL/REPAIR ALL				REPAIR SELECT		SS RATING	
			COAT AC DUCT		RE	SEAI	L/RECOAT WALL			
DRAINAGE	RES		VALL FLASHING PAIRS NEEDED						RATING	0
DRAINAGE	ADD/F		NCE CRICKETS		ADD/FI	VHAN	NCE OVERFLOW		RATING	9
	, NO DIE		CLEAR DRAINS		ADD/ENTIANGE OVERLEOW ADD GUTTER					
	GUTT	ER R	EPAIR NEEDED		GUTTER COATING NEEDED					
PENETRATION		RE	PAIRS NEEDED						RATING	7
		RESE	EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			
MAINTENANCE			DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN			
			UNTIL REROOF		1.13	/A O F	TRIM TREES			
			OOF OF DEBRIS  AT SUSPECTED				REPAIR NEEDED GUTTERS CLEAR			
LEAKS			ENCE OF LEAKS		YES		NO			
	ON - OVERALL SY	_			123		140			
VERY POOR	N-OVERALL SY	OTEIV	INATING		REPLACE OR C	:ΟΔΤ		SPO	Γ REPAIRS ONLY	
POOR							IN 1-2 YEARS - S			
FAIR					NEI LAGE ON	JUAI			AT IN 3-5 YEARS	
MARGINAL									T IN 5-10 YEARS	
WAROINAL							NEI LAGE OR	- CO	IIII O-10 ILARO	

## ADDITIONAL NOTES

GOOD

**EXCELLENT** 

IF MAINTAINED THE TILE ROOF CAN LAST DECADES. TWO THINGS TO WATCH ARE TILE BREAKAGE DO TO WIND CHATTER AND UNDERLAYMENT DETERIORATION. KEEP ON TOP OF FIXING BROKEN TILES AND IT WILL MINIMIZE THE UNDERLAYMENT DETERIORATION. NO BROKEN TILES WERE OBSERVED DURING THE INSPECTION.

	BUDGET ESTIMATES
\$0.00	IMMEDIATE REPAIRS AS RECOMMENDED
\$1,500.00	YEARLY PREVENTIVE MAINENANCE
\$0.00	ROOF RECOATING
\$169,500.00	ROOF REPLACEMENT



An overview photo.



An overview photo.



An overview photo.



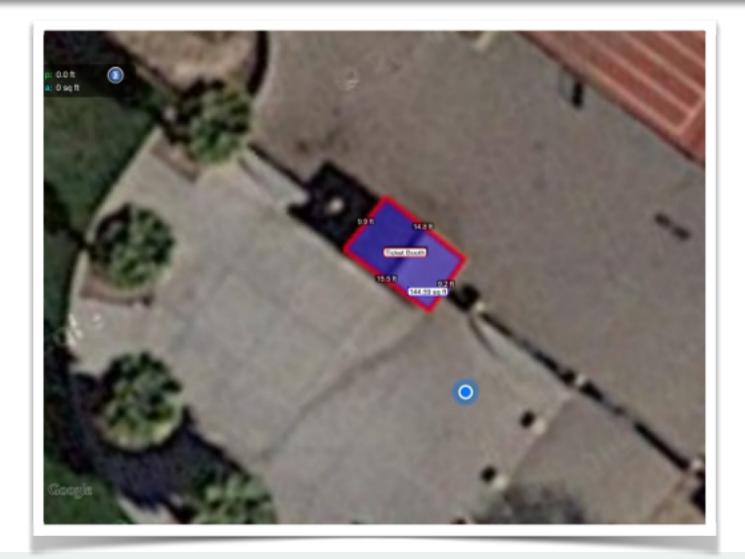




BUILDING	Ticket Booth						NGINEERIN	G I N E E R I N NG SERVICES FOR THE BUILDING ENVI	G
ROOF SQ FT	145						NO NECESSI	OUNTED FOR THE DOLLARS ENT	LLOYE
ROOF CONSTRU	JCTION								
ROOF AGE	UNKNOWN	0-5 YEARS	<b>⋖</b>	5-10 YEARS		10-15 YEARS		15+ YEARS	
DECK TYPE	METAL	PLYWOOD		PLANK		CONCRETE		LW CONCRETE	
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			
FLASHINGS	CAPSHEET								
DRAINAGE	JOSAM	SCUPPERS		GUTTERS		OVER EDGE	<b>\</b>		
SLOPE	SLIGHT	1:12		2:12	<b>\</b>	3:12		6:12	
ROOF CONDITIO	ON - RATINGS (1-10	0) and RECOMMENDA	OITA	NS					#
FIELD		REPAIRS NEEDED						RATING	8
		RESEAL SEAMS		REPAIR B	LIST	ERS or RIDGING			
	CLEA	R ROOF OF DEBRIS		DE	CK F	REPAIR NEEDED			
	DECK F	REPAIR SUSPECTED		RESEAL/F	RPLA	CE FASTENERS			
		CRAZE CRACKING		[	3RIT	TLE MEMBRANE			
PITCH/POND		REPAIRS NEEDED						RATING	8
	FI	LL PONDING AREAS		FIX	( DE(	CK DEFLECTION			
		SOME PONDING		Е	XCE	SSIVE PONDING			
									_
FLASHING		REPAIRS NEEDED						RATING	8
		RESEAL/REPAIR ALL				REPAIR SELECT			
		L/RECOAT AC DUCT  EAL WALL FLASHING		KE	SEAI	L/RECOAT WALL			
DRAINAGE	IXLOL	REPAIRS NEEDED						RATING	8
	ADD/E	NHANCE CRICKETS		ADD/E	NHAN	NCE OVERFLOW		7011110	
		CLEAR DRAINS				ADD GUTTER			
	GUTTI	ER REPAIR NEEDED		GUTTE	R CC	DATING NEEDED			
PENETRATION		REPAIRS NEEDED						RATING	-
		RESEAL/REPAIR ALL		RES	EAL/	REPAIR SELECT			
	F	REPLACE SKYLIGHT							
ADDITIONAL		ACTION NEEDED							
ADDITIONAL	IMPR	ACTION NEEDED  OVE ROOF ACCESS		ADD	EXT	ERNAL LADDER			
		E DEAD EQUIPMENT				ROOF ACCESS			
MAINTENANCE	К	EEP DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN			
	SPOT REF	PAIR UNTIL REROOF				TRIM TREES			
	CLEA	R ROOF OF DEBRIS		H\	/AC F	REPAIR NEEDED			
	H	AZMAT SUSPECTED		KEEP	SS G	UTTERS CLEAR	_		
LEAKS	E	VIDENCE OF LEAKS		YES		NO	<b>V</b>		
ROOF CONDITIO	ON - OVERALL SYS	STEM RATING							
VERY POOR								T REPAIRS ONLY	
POOR								T REPAIRS ONLY	
FAIR				REPLACE OR (	COAT			T REPAIRS ONLY	
MARGINAL								T IN 5-10 YEARS	
GOOD					MILV			IN 10-15 YEARS	
EXCELLENT	TEO				INLY	IF ROOF IS LESS	) IHA	AN 5 YEARS OLD	
ADDITIONAL NO	IES								

ROOF IS IN GOOD SHAPE.

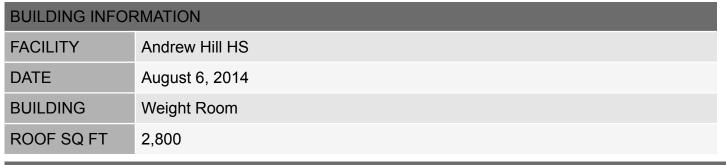
BUDGET ESTIMATES	
IMMEDIATE REPAIRS AS RECOMMENDED	\$0.00
YEARLY PREVENTIVE MAINENANCE	\$0.00
ROOF RECOATING	\$1,450.00
ROOF REPLACEMENT	\$0.00





The field is starting to show signs of rust - the edge flashing and gutters are rusting.







BUILDING	Weight Room						Ē	E N G I N E E R I N G ENGINEERING SERVICES FOR THE BUILDING ENVELOPE			
ROOF SQ FT	2,800							HUNCERIN	to dennice for the building Ente	LUTE	
ROOF CONSTRU	JCTION										
ROOF AGE	2004	<b>✓</b>	0-5 YEARS		5-10 YEARS		10-15 YEARS		15+ YEARS		
DECK TYPE	METAL		PLYWOOD	$\checkmark$	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		SINGLE PLY		BUR	<b>4</b>	MOD BIT		TWO SYSTEMS		
MEM SURFACE	COATING		MS CAP	<b>\</b>	GRAVEL		SMOOTH				
FLASHINGS	CAPSHEET										
DRAINAGE	JOSAM		SCUPPERS		GUTTERS		OVER EDGE	<b>\</b>			
SLOPE	SLIGHT	<b>I</b>	1:12		2:12		3:12		6:12		
ROOF CONDITIO	ON - RATINGS (1-1	0) an	d RECOMMENDA	OITA	NS					#	
FIELD		RE	PAIRS 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 I	REPA	AIR SUSPECTED		RESEAL/F	RPLA	CE FASTENERS				
		CR	AZE CRACKING	<b>\</b>	E	3RIT	TLE MEMBRANE	<b>✓</b>			
PITCH/POND		RE	EPAIRS NEEDED						RATING	4	
	F	ILL P	ONDING AREAS		FIX	( DE(	CK DEFLECTION				
		(	SOME PONDING	<b>✓</b>	E	XCE:	SSIVE PONDING				
FLASHING	REPAIRS NEEDED				DEC	<b>⊏</b> ∧/			RATING	3	
			EAL/REPAIR ALL ECOAT AC DUCT	<b>\</b>			REPAIR SELECT  L/RECOAT WALL		SS RATING		
			WALL FLASHING			.OLA	L/NEOOAI WALL				
DRAINAGE			PAIRS NEEDED						RATING	5	
	ADD/E	ENHA	NCE CRICKETS		ADD/EN	NHAN	NCE OVERFLOW	<b>✓</b>			
			CLEAR DRAINS				ADD GUTTER				
	GUTT	ER F	REPAIR NEEDED		GUTTE	R CC	DATING NEEDED				
PENETRATION		RE	PAIRS NEEDED						RATING	4	
			EAL/REPAIR ALL		RES	EAL/	REPAIR SELECT				
		REPI	LACE SKYLIGHT								
ADDITIONAL		Δ	CTION NEEDED								
/ IDDITION/IL	IMPF		ROOF ACCESS		ADD	EXT	ERNAL LADDER				
			AD EQUIPMENT								
MAINTENANCE	k	ŒEP	DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN				
	SPOT RE	PAIR	UNTIL REROOF				TRIM TREES				
	CLEA	AR R	OOF OF DEBRIS		HV	/AC F	REPAIR NEEDED				
	H	IAZM	AT SUSPECTED	<b>✓</b>			SUTTERS CLEAR				
LEAKS	E	VIDE	ENCE OF LEAKS		YES	<b>✓</b>	NO				
	ON - OVERALL SYS	STEN	/I RATING								
VERY POOR									T REPAIRS ONLY		
POOR							「IN 1-2 YEARS - S				
FAIR					REPLACE OR (	CAOC			T REPAIRS ONLY		
MARGINAL									T IN 5-10 YEARS		
GOOD						NII V	IF ROOF IS LESS		IN 10-15 YEARS		
ADDITIONAL NO	TES					INLI	ii NOOI IS LESS	, 111/-	114 O ILANO ULU		

BUILDING NOT CONFIRMED AS WEIGHT ROOM. REVIEW AERIAL PHOTO AND RELABEL IF NECESSARY.

	ES CONTRACTOR OF THE PROPERTY
REPAIRS AS RECOMMENDED	IMMEDIATE REPAIRS AS RECOMMENDED \$0.00
Y PREVENTIVE MAINENANCE	YEARLY PREVENTIVE MAINENANCE \$1,500.00
ROOF RECOATING	ROOF RECOATING \$0.00
ROOF REPLACEMENT	ROOF REPLACEMENT \$42,000.00



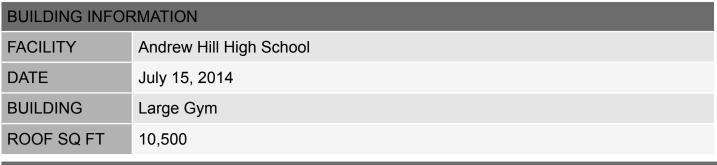


The photo below shows some evidence of ponding and the need for enhanced overflow.



The photo below shows the need for AC duct re sealing and recoating.







\$0.00

\$157,500.00

ROOF CONDITION—RATINGS (1-10) and RECOMMENDATIONS  FILASHING  RESPAUREPRIN REDEDD  PITCHIPOND  RESPAUR REDEDD  PITCHIPOND  RESPAUR REDEDD  PITCHIPOND  RESPAUR REDEDD  GRESSEAL REPAIRS NEEDED  FILASHING  RESPAUR REDEDD  GRESSEAL REPAIRS NEEDED  FILASHING  RESPAUR REDEDD  GRESSEAL REPAIRS NEEDED  FILASHING  RESPAUR REDEDD  FILASHING  RESPAUR REDEDD  GRESSEAL REPAIRS NEEDED  FILASHING  RESPAUR REDEDD  FILASHING  REPAIRS NEEDED  GRESSEAL REPAIRS NEEDED  FILASHING  REPAIRS NEEDED  FILASHING  REPAIRS NEEDED  GRESSEAL REPAIRS NEEDED  FILASHING  REPAIRS NEEDED  FILASHING  REPAIRS NEEDED  GRESSEAL REPAIRS NEEDED  FILASHING  REPLACE OR COAT IN MEDIATE REPAIRS ONLY WERP POOR  REPLACE OR COAT IN 3-5 YEARS  FILASHING  REPLACE OR COAT IN 1-12 YEARS - SPOT REPAIRS ONLY WERP POOR  REPLACE OR COAT IN 1-12 YEARS - SPOT REPAIRS ONLY WERP POOR  REPLACE OR COAT IN 1-12 YEARS - SPOT REPAIRS ONLY WERP POOR  REPLACE OR COAT IN 1-12 YEARS - SPOT REPAIRS ONLY WERP POOR  REPLACE OR COAT IN 1-12 YEARS - SPOT REPAIRS ONLY WERP POOR  REPLACE OR COAT IN 1-12 YEARS - SPOT REPAIRS ONLY WERP POOR  REPLACE OR COAT IN 1-12 YEARS - SPOT REPAIRS ONLY WERP POOR  REPLACE OR COAT IN 1-12 YEARS - SPOT REPAIRS ONLY WERP POOR  REPLACE OR COAT IN 1-12 YEARS - SPOT REPAIRS ONLY WERP POOR  REPLACE OR COAT IN 1-12 Y	BUILDING	Large Gym							NGINEERIN	G I N E E R I N NG SERVICES FOR THE BUILDING ENVE	G ELOPE
ROOF AGE	ROOF SQ FT	10,500							_		
DECK TYPE  METAL  PLYWOOD  PLANK CONCRETE  INSULATION  NONE  SO  FIBER  PERLITE  STYRO  INSULTHICK  I INCH  Z INCH  Z INCH  Z INCH  SINCH  J INCH  J I	ROOF CONSTRU	JCTION									
INSULATION  NONE   ISO   FIBER   PERLITE   STYRO   INSULTHICK   INCH   2 INCH   3 INCH   4 INCH   TAPERED   MEMBRANE   METAL   SINGLE PLY   BUR   MOD BIT   FOAM   MEM SURFACE   COATING   MS CAP   GRAVEL   SMOOTH   FLASHINGS   CAPSHEET   MS CAP   GRAVEL   SMOOTH   FLASHINGS   CAPSHEET   MS CAP   GRAVEL   SMOOTH   FLASHINGS   JOSAM   SCUPPERS   GUTTERS   OVER EDGE   SLOPE   NONE   112   212   3 12    ROOF CONDITION - RATINGS (1-19) and RECOMMENDATIONS   FIELD   REFAIRS NEEDED   RESEAL BLISTERS OF RIDGING   CLEAR ROOF OF DEBRIS   DECK REPAIR NEEDED   DECK REPAIR SUSPECTED   RESEAL/REPAIR NEEDED   DECK REPAIR SUSPECTED   RESEAL/REPAIR SELECT   HOW REPAIRS NEEDED   RESEAL/REPAIR SELECT   HOW RESEAL/REPAIR ALL   RESEAL/REPAIR SELECT   HOW CLEAR PAIRS NEEDED   GUTTER   GUTTER REPAIR NEEDED   GUTTER COATING NEEDED   PENETRATION   REPAIRS NEEDED   GUTTER COATING NEEDED   PENETRATION   REPAIRS NEEDED   GUTTER COATING NEEDED   RESEAL/REPAIR ALL   RESEAL/REPAIR SELECT   GUTTER REPAIR NEEDED   GUTTER COATING NEEDED   PENETRATION   REPAIRS NEEDED   GUTTER COATING NEEDED   RESEAL/REPAIR ALL   RESEAL/REPAIR SELECT    MAINTENANCE   KEEP DRAINS CLEAN   KEEP WATERWAYS CLEAN   SPOT REPAIR UNTIL REPOOF    REPLACE OR COAT IN 12 YEARS - SPOT REPAIRS ONLY   LEAKS   EVIDENCE OF LEAKS   YES   NO    ROOF CONDITION OVERALL SYSTEM RATING   VERY POOR   REPLACE OR COAT IN MEDIATELY - SPOT REPAIRS ONLY   REPLACE OR COAT IN 1-19 YEARS   MARGINAL   REPLA	ROOF AGE	UNKNOWN		0-5 YEARS		5-10 YEARS	$\checkmark$	10-15 YEARS		15+ YEARS	
INSULTHICK  1 INCH	DECK TYPE	METAL		PLYWOOD	<b>\</b>	PLANK		CONCRETE		LW CONCRETE	
MEMBRANE METAL SINGLE PLY BUR MOD BIT FOAM MEM SURFACE COATING MEM SCAP GRAVEL SMOOTH FOAM MEM SURFACE COATING MEM SCAP GRAVEL SMOOTH FOAM MEM SURFACE COATING MESCAPHEET GRAVEL SMOOTH FOAM MEMBRANE SCAPSHEET GRAVEL SMOOTH	INSULATION	NONE		ISO		FIBER	$ \checkmark $	PERLITE		STYRO	
MEM SURFACE COATING	INSUL THICK	1 INCH	$\checkmark$	2 INCH		3 INCH		4 INCH		TAPERED	
FLASHINGS CAPSHEET   DRAINAGE JOSAM SCUPPERS  GUTTERS OVER EDGE  SLOPE NONE 1:12 2:12 3:12 3:12 3  ROOF CONDITION - RATINGS (1-10) and RECOMMENDATIONS # FIELD REPAIRS NEEDED RESAL SEAMS RESEAL BLISTERS OF RIDGING CLEAR ROOF OF DEBRIS DECK REPAIR NEEDED RESEAL SEAMS RESEAL BLISTERS OF RIDGING CLEAR ROOF OF DEBRIS DECK REPAIR NEEDED RESEAL/RPLACE FASTENERS RATING 6  FILL PONDING AREAS FIX DECK DEFLECTION RATING 6  FILL PONDING AREAS FIX DECK DEFLECTION RATING 6  FLASHING REPAIRS NEEDED RESEAL/REPAIR SELECT ADDITIONAL REPAIRS NEEDED RESEAL/REPAIR SELECT RATING 8  FLASHING REPAIRS NEEDED RESEAL RESEAL/REPAIR SELECT RATING 8  FLASHING REPAIRS NEEDED RESEAL/REPAIR SELECT RATING 8  FLASHING REPAIRS NEEDED RESEAL/REPAIR SELECT RATING 8  DRAINAGE REPAIRS NEEDED GUTTER COATING NEEDED RATING 6  RESEAL/REPAIR NEEDED RESEAL/REPAIR SELECT RESEAL/REPAIR SELECT RESEAL/REPAIR NEEDED RESEAL/REPAIR SELECT RESEAL/REPAI	MEMBRANE	METAL		SINGLE PLY		BUR	$\checkmark$	MOD BIT		FOAM	
DRAINAGE  SCUPPERS  USUTIERS OVER EDGE  SLOPE NONE 1.12 2:12 2 3.12 3  ROOF CONDITION - RATINGS (1-10) and RECOMMENDATIONS FIELD REPAIRS NEEDED RESEAL SEAMS RESEAL BLISTERS OR RIDGING CLEAR ROOF OF DEBRIS DECK REPAIR NEEDED DECK REPAIR SUSPECTED RESEAL/PLACE FASTENERS  PITCH/POND REPAIRS NEEDED FILL PONDING AREAS FIX DECK DEFLECTION RATING 6  FILL PONDING AREAS FIX DECK DEFLECTION RATING 6  FLASHING REPAIRS NEEDED RESEAL/REPAIR SELECT RATING 6  RESEAL/REPAIR NEEDED RATING RESEAL/REPAIR SELECT RATING 6  ADD/ENHANCE CRICKETS ADD/ENHANCE OVERFLOW ADD/ENHANCE OVERFLOW CLEAR DRAINS ADD GUTTER GUTTER GUTTER REPAIR NEEDED RESEAL/REPAIR SELECT RESEAL/REPAIR SELECT RESEAL/REPAIR SELECT RESEAL/REPAIR SELECT RATING 6  RESEAL/REPAIR NEEDED RESEAL/REPAIR SELECT RATING 6  RESEAL/REPAIR SELECT RATING REPLACE OR COAT IN 1-2 YEARS SPOT REPAIRS ONLY PROOF SELECT REPAIRS ONLY REPLACE OR COAT IN 3-5 YEARS MARGINAL REPLACE OR COAT IN 3-5 YEARS MARGINAL REPLACE OR COAT IN 1-10 YEARS MARGINAL REPLACE OR COAT IN 1-	MEM SURFACE	COATING	$\checkmark$	MS CAP	$\checkmark$	GRAVEL		SMOOTH			
SLOPE NONE 1:12 2:12 3:12 3:12 3  ROOF CONDITION - RATINGS (1-10) and RECOMMENDATIONS ##  REPAIRS NEEDED REPAIRS NEEDED RESEAL BLISTERS OF RIDGING DECK REPAIR SUSPECTED RESEAL BLISTERS OF RIDGING DECK REPAIR SUSPECTED RESEAL/REPAIR NEEDED RESEAL/REPAIR NEEDED RESEAL/REPAIR NEEDED RESEAL/REPAIR SELECT RATING 6  FILL PONDING AREAS FIX DECK DEFLECTION RATING 6  FLASHING REPAIRS NEEDED ADDIENHANCE OVERFLOW RATING 3  RESEAL/REPAIR ALL RESEAL/REPAIR SELECT RATING 3  RESEAL/REPAIR NEEDED GUTTER COATING NEEDED RATING 6  PENETRATION REPAIRS NEEDED GUTTER COATING NEEDED RATING 6  RESEAL/REPAIR ALL RESEAL/REPAIR SELECT RATING 6  RESEAL/REPAIR NEEDED RESEAL/REPAIR SELECT RATING 6  RESEAL/REPAIR ALL RESEAL/REPAIR SELECT RATING 6  RESEAL/REPAIR NEEDED RESEAL/REPAIR SELECT RATING 6  RESEAL/REPAIR ALL RESEAL/REPAIR SELECT RATING 6  RESEAL/REPAIR ALL RESEAL/REPAIR SELECT RATING 6  RESEAL/REPAIR UNTIL REROOF RESEAL/REPAIR SELECT RESEAL/R	FLASHINGS	CAPSHEET	$\checkmark$								
ROOF CONDITION - RATINGS (1-10) and RECOMMENDATIONS  FIELD  REPAIRS NEEDED  RESEAL SEAMS  RESEAL BLISTERS OF RIDGING  CLEAR ROOF OF DEBRIS  DECK REPAIR NEEDED  DECK REPAIR SUSPECTED  RESEAL/REPAIR NEEDED  FILL PONDING AREAS  FIX DECK DEFLECTION  FILL PONDING AREAS  FIX DECK DEFLECTION  FLASHING  REPAIRS NEEDED  ADDIENHANCE ORICKETS  CLEAR DATA  GUTTER REPAIR NEEDED  GUTTER COATING NEEDED  PENETRATION  REPAIRS NEEDED  GUTTER COATING NEEDED  PENETRATION  REPAIRS NEEDED  GUTTER COATING NEEDED  RATING  BADDIENHANCE  GUTTER REPAIR NEEDED  GUTTER COATING NEEDED  RATING  RESEAL/REPAIR ALL  RESEAL/REPAIR SELECT  RATING  ADD GUTTER  GUTTER REPAIR NEEDED  GUTTER COATING NEEDED  RATING  REPLACE OR COAT IN 1-2 YEARS - SPOT REPAIRS ONLY  FAIR  REPLACE OR COAT IN 1-2 YEARS - SPOT REPAIRS ONLY  FAIR  REPLACE OR COAT IN 1-5 YEARS  MARGINAL  REPLACE OR COAT IN 1-10 YEARS  GOOD  REPLACE OR COAT IN 1-10 YEARS  FERENCELLENT  ONLY IF ROOF IS LESS THAN 5 YEARS OLD  BUDGET ESTIMATES  IMMEDIATE REPAIRS AS RECOMMENDED  S5,000.00	DRAINAGE	JOSAM		SCUPPERS	<b>\</b>	GUTTERS		OVER EDGE			
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PITCH/POND REPAIRS NEEDED FILL PONDING AREAS FIX DECK DEFLECTION FIX						RESEAL/F	RPLA	CE FASTENERS			
FILL PONDING AREAS  FIX DECK DEFLECTION  RESPANSING  REPAIRS NEEDED  RATING  RESEAL/REPAIR SELECT  HVAC DUCT RESEAL  HVAC DUCT RESEAL  ADD/ENHANCE OVERFLOW  CLEAR DRAINS  GUTTER REPAIR NEEDED  RATING  GUTTER REPAIR NEEDED  RESEAL/REPAIR SELECT  RESEAL/REPAIR SELECT  GUTTER REPAIR NEEDED  RESEAL/REPAIR SELECT  REPLACE OR COAT IMMEDIATELY - SPOT REPAIRS ONLY  POOR  REPLACE OR COAT IMMEDIATELY - SPOT REPAIRS ONLY  POOR  REPLACE OR COAT IMMEDIATELY - SPOT REPAIRS ONLY  FAIR  REPLACE OR COAT IMMEDIATELY - SPOT REPAIRS ONLY  FAIR  REPLACE OR COAT IMMEDIATELY - SPOT REPAIRS ONLY  FAIR  REPLACE OR COAT IMMEDIATELY - SPOT REPAIRS ONLY  FAIR  REPLACE OR COAT IMMEDIATELY - SPOT REPAIRS ONLY  FAIR  REPLACE OR COAT IMMEDIATELY - SPOT REPAIRS ONLY  FAIR  REPLACE OR COAT IMMEDIATELY - SPOT REPAIRS ONLY  FAIR  REPLACE OR COAT IMMEDIATELY - SPOT REPAIRS ONLY  FAIR  REPLACE OR COAT IMMEDIATELY - SPOT REPAIRS ONLY  FAIR  REPLACE OR COAT IM 5-10 YEARS  MARGINAL  REPLACE OR COAT IM 10-15 YEARS  MARGINAL  REPLACE OR COAT IM 10-15 YEARS  MARGINAL  REPLACE OR COAT IMMEDIATE REPAIRS AS RECOMMENDED  S\$5,000.00	PITCH/POND					. (202/12/				RATING	6
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ADD/ENHANCE CRICKETS  ADD/ENHANCE OVERFLOW  ADD GUTTER  ADD GUTTER  ADD GUTTER  GUTTER REPAIR NEEDED  GUTTER COATING NEEDED  ADD GUTTER  A			HVAC	DUCT RESEAL	<b>⋖</b>						
ADD/ENHANCE CRICKETS  ADD/ENHANCE OVERFLOW  ADD GUTTER  ADD GUTTER  ADD GUTTER  GUTTER REPAIR NEEDED  GUTTER COATING NEEDED  ADD GUTTER  A											
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PENETRATION REPAIRS NEEDED RESEAL/REPAIR SELECT RESEAL/REPAIR ALL RESEAL/REPAIR SELECT RESEAL/REPAIR ALL RESEAL/REPAIR SELECT RESEAL/RE											
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SPOT REPAIR UNTIL REROOF  LEAKS  EVIDENCE OF LEAKS  YES  NO  ROOF CONDITION - OVERALL SYSTEM RATING  VERY POOR  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  EXCELLENT  ONLY IF ROOF IS LESS THAN 5 YEARS OLD  BUDGET ESTIMATES  IMMEDIATE REPAIRS AS RECOMMENDED  \$5,000.00			KESI	EAL/REPAIR ALL		KES	CAL/	REPAIR SELECT			
SPOT REPAIR UNTIL REROOF  LEAKS  EVIDENCE OF LEAKS  YES  NO  ROOF CONDITION - OVERALL SYSTEM RATING  VERY POOR  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  EXCELLENT  ONLY IF ROOF IS LESS THAN 5 YEARS OLD  BUDGET ESTIMATES  IMMEDIATE REPAIRS AS RECOMMENDED  \$5,000.00											
SPOT REPAIR UNTIL REROOF  LEAKS  EVIDENCE OF LEAKS  YES  NO  ROOF CONDITION - OVERALL SYSTEM RATING  VERY POOR  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  EXCELLENT  ONLY IF ROOF IS LESS THAN 5 YEARS OLD  BUDGET ESTIMATES  IMMEDIATE REPAIRS AS RECOMMENDED  \$5,000.00	MAINTENANCE	k	(EEP	DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN			
ROOF CONDITION - OVERALL SYSTEM RATING  VERY POOR  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  EXCELLENT  ONLY IF ROOF IS LESS THAN 5 YEARS OLD  BUDGET ESTIMATES  IMMEDIATE REPAIRS AS RECOMMENDED  \$5,000.00											
ROOF CONDITION - OVERALL SYSTEM RATING  VERY POOR  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  EXCELLENT  ONLY IF ROOF IS LESS THAN 5 YEARS OLD  BUDGET ESTIMATES  IMMEDIATE REPAIRS AS RECOMMENDED  \$5,000.00											
ROOF CONDITION - OVERALL SYSTEM RATING  VERY POOR  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  EXCELLENT  ONLY IF ROOF IS LESS THAN 5 YEARS OLD  BUDGET ESTIMATES  IMMEDIATE REPAIRS AS RECOMMENDED  \$5,000.00											
VERY POOR  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  EXCELLENT  ONLY IF ROOF IS LESS THAN 5 YEARS OLD  BUDGET ESTIMATES  IMMEDIATE REPAIRS AS RECOMMENDED  \$5,000.00	LEAKS	E	EVIDE	ENCE OF LEAKS		YES	<b>4</b>	NO			
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  EXCELLENT  ONLY IF ROOF IS LESS THAN 5 YEARS OLD  BUDGET ESTIMATES  IMMEDIATE REPAIRS AS RECOMMENDED  \$5,000.00	ROOF CONDITIO	ON - OVERALL SY	STEN	A RATING							
FAIR  REPLACE OR COAT IN 3-5 YEARS  MARGINAL  REPLACE OR COAT IN 5-10 YEARS  GOOD  REPLACE OR COAT IN 10-15 YEARS  EXCELLENT  ONLY IF ROOF IS LESS THAN 5 YEARS OLD  BUDGET ESTIMATES  IMMEDIATE REPAIRS AS RECOMMENDED  \$5,000.00	VERY POOR					REPLACE OR C	COAT	IMMEDIATELY -	SPO	T REPAIRS ONLY	
MARGINAL  GOOD  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  \$5,000.00	POOR					REPLACE OR (	COAT	Γ IN 1-2 YEARS -	SPO	T REPAIRS ONLY	
GOOD  REPLACE OR COAT IN 10-15 YEARS  ONLY IF ROOF IS LESS THAN 5 YEARS OLD  BUDGET ESTIMATES  IMMEDIATE REPAIRS AS RECOMMENDED  \$5,000.00	FAIR							REPLACE OI	R CO	AT IN 3-5 YEARS	
BUDGET ESTIMATES  IMMEDIATE REPAIRS AS RECOMMENDED  ONLY IF ROOF IS LESS THAN 5 YEARS OLD  \$5,000.00	MARGINAL							REPLACE OR	COA	T IN 5-10 YEARS	<b>✓</b>
BUDGET ESTIMATES  IMMEDIATE REPAIRS AS RECOMMENDED \$5,000.00	GOOD							REPLACE OR (	COAT	IN 10-15 YEARS	
IMMEDIATE REPAIRS AS RECOMMENDED \$5,000.00	EXCELLENT					O	NLY	IF ROOF IS LESS	S THA	AN 5 YEARS OLD	
	BUDGET ESTIMA	ATES									
YEARLY PREVENTIVE MAINENANCE \$1,500.00		IN	MМЕI	DIATE REPAIRS A	S RE	ECOMMENDED				\$5,000	0.00
			\	YEARLY PREVEN	TIVE	MAINENANCE				\$1,500	0.00

**ROOF RECOATING** 

ROOF REPLACEMENT



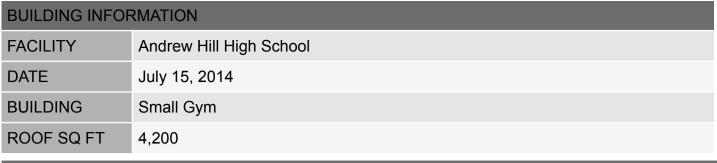


The photo below shows that enhanced crickets are needed - no slope to scuppers.



The photo below shows the AC ducting needing to be resealed.







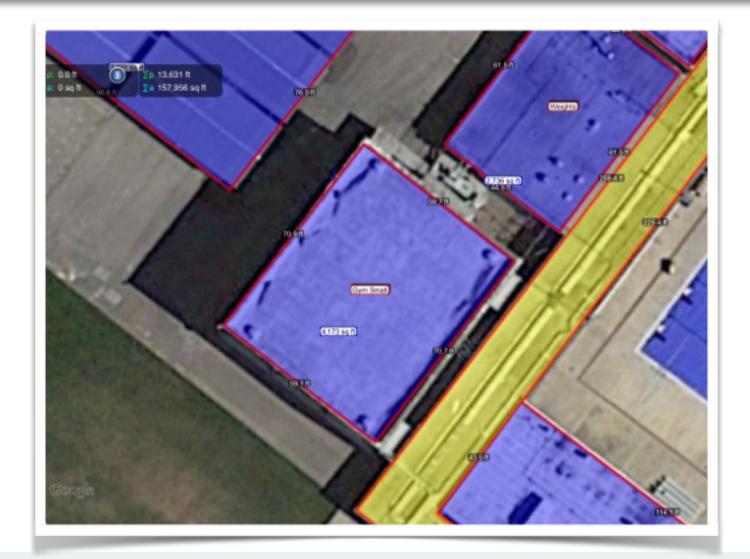
\$0.00

\$63,000.00

BUILDING	Small Gym							N (	S I N E E R I N IG SERVICES FOR THE BUILDING ENVE	G
ROOF SQ FT	4,200							_		-
ROOF CONSTRU	JCTION									
ROOF AGE	UNKNOWN		0-5 YEARS		5-10 YEARS	<b>✓</b>	10-15 YEARS		15+ YEARS	
DECK TYPE	METAL		PLYWOOD	$\checkmark$	PLANK		CONCRETE		LW CONCRETE	
INSULATION	NONE		ISO		FIBER	<b>✓</b>	PERLITE		STYRO	
INSUL THICK	1 INCH	$\checkmark$	2 INCH		3 INCH		4 INCH		TAPERED	
MEMBRANE	METAL		SINGLE PLY		BUR	<b>✓</b>	MOD BIT		FOAM	
MEM SURFACE	COATING	<b>\</b>	MS CAP	$\checkmark$	GRAVEL		SMOOTH			
FLASHINGS	CAPSHEET	<b>✓</b>								
DRAINAGE	JOSAM		SCUPPERS	$\checkmark$	GUTTERS		OVER EDGE			
SLOPE	NONE		1:12		2:12	<b>✓</b>	3:12			
ROOF CONDITIO	ON - RATINGS (1-1	0) an	d RECOMMENDA	OITA	NS					#
FIELD		RE	PAIRS NEEDED						RATING	5
		ı	RESEAL SEAMS		RESEAL B	LIST	ERS or RIDGING			
	CLEA	AR RO	OOF OF DEBRIS		DE	CK F	REPAIR NEEDED			
	DECK I	REPA	IR SUSPECTED		RESEAL/F	RPLA	CE FASTENERS			
PITCH/POND		RE	PAIRS NEEDED	<b>~</b>					RATING	6
	F	ILL P	ONDING AREAS	<b>✓</b>	FIX	DE	CK DEFLECTION			
FLASHING	REPAIRS NEEDED								RATING	5
		RESE	EAL/REPAIR ALL	REPAIR ALL RESEAL/REPAIR SE						
	I	HVAC	DUCT RESEAL		RESI	EAL \	WALL FLASHING	<b>✓</b>		
		C	COAT THE WALL	<b>✓</b>						_
DRAINAGE			PAIRS NEEDED						RATING	4
	ADD/E		NCE CRICKETS	<b>⋖</b>	ADD/EN	1AH	NCE OVERFLOW			
	OUTT		CLEAR DRAINS		OUTTE	D 00	ADD GUTTER			
DENIETDATION	GUII		EPAIR NEEDED		GUITE	RCC	DATING NEEDED		DATING	6
PENETRATION			PAIRS NEEDED EAL/REPAIR ALL		PES	<b>ΕΔΙ</b> /	REPAIR SELECT		RATING	6
		INLOL	LAL/IVLI AIIVALL		IXLO		INCI AIN OLLLOT			
MAINTENANCE	K	ŒEP	DRAINS CLEAN		KEEP	WAT	ERWAYS CLEAN	<b>V</b>		
	SPOT RE	PAIR	UNTIL REROOF							
LEAKS	E	VIDE	NCE OF LEAKS		YES	<b>\</b>	NO			
ROOF CONDITIO	ON - OVERALL SYS	STEM	1 RATING							
VERY POOR					REPLACE OR C	CAT	IMMEDIATELY -	SPOT	REPAIRS ONLY	
POOR					REPLACE OR (	COAT	IN 1-2 YEARS -	SPO	REPAIRS ONLY	
FAIR							REPLACE OF	R CO	AT IN 3-5 YEARS	
MARGINAL							REPLACE OR	COA	T IN 5-10 YEARS	<b>✓</b>
GOOD							REPLACE OR (	COAT	IN 10-15 YEARS	
EXCELLENT					0	NLY	IF ROOF IS LESS	S THA	AN 5 YEARS OLD	
BUDGET ESTIMA	ATES									
	IN	имес	DIATE REPAIRS A	S RE	ECOMMENDED				\$7,500	0.00
	TIVE	MAINENANCE				\$1,500	0.00			

**ROOF RECOATING** 

ROOF REPLACEMENT





The photo below shows a ponding area that needs to be filled.



The photo below shows the wall and wall flashing that needs to be resealed and coated.

