| BUILDING INFORMATION | | | | | |
|----------------------|----------------|--|--|--|--|
| FACILITY | Overfelt APO | | | | |
| DATE | July 16, 2014 | | | | |
| BUILDING | P1, P2, P3, T1 | | | | |
| ROOF SQ FT | 4,000 | | | | |
| | | | | | |



\$40,000.00

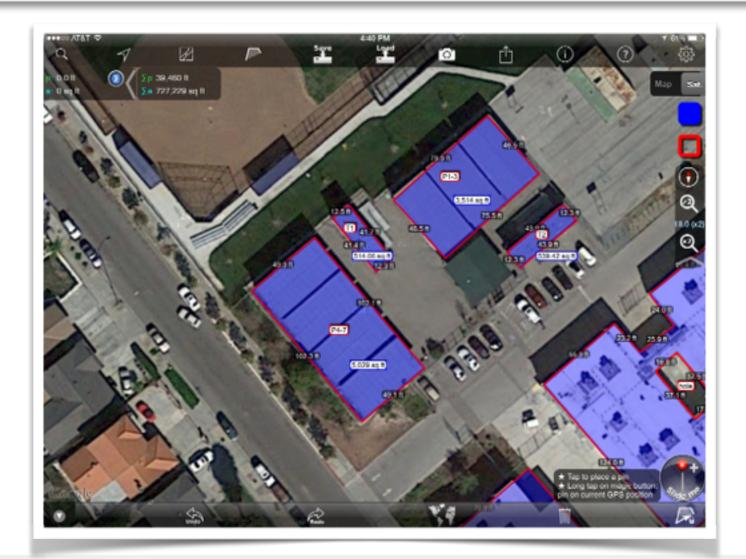
\$0.00

| DATE | July 16, 2014 | | | | | | | | YLIN | Ļ |
|----------------------|---|----------------|--|--------------------------------|-------------------------------|-----------------|--------------------------|----------------|---|------|
| BUILDING | P1, P2, P3, T1 | | | | | | E | NGIVEERIN | IN E E N I N IG SERVICES FOR THE BUILDING ENVE | LOPE |
| ROOF SQ FT | 4,000 | | | | | | | _ | | |
| ROOF CONSTRU | | | | | 5.40.V54.D0 | | 40.45.754.00 | | 45. 1/51.00 | |
| ROOF AGE | 2005 | • | 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 | | FOAM | |
| MEM SURFACE | COATING | | MS CAP | | GRAVEL | | SMOOTH | | | |
| FLASHINGS | CAPSHEET | | | | | | | | | |
| DRAINAGE | JOSAM | | SCUPPERS | | GUTTERS | ✓ | OVER EDGE | | | |
| SLOPE | NONE | | 1:12 | ✓ | 2:12 | | 3:12 | | | |
| ROOF CONDITIO | ON - RATINGS (1-1 | 0) ar | nd RECOMMENDA | OITA | NS | | | | | # |
| FIELD | | RE | PAIRS NEEDED | | | | | | RATING | 7 |
| | | | RESEAL SEAMS | | RESEAL B | LIST | ERS or RIDGING | | | |
| CLEAR ROOF OF DEBRIS | | | DECK REPAIR NEEDED | | | | | | | |
| DECK REPAIR SUSPE | | AIR SUSPECTED | | RESEAL/RPLACE FASTENERS | | | | | | |
| PITCH/POND | | RE | PAIRS NEEDED | | | | | | RATING | 8 |
| | FILL PONDING AREAS | | | FIX | (DE | CK DEFLECTION | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| FLASHING | | REPAIRS NEEDED | | | | | | | RATING | 7 |
| | RESEAL/REPAIR ALL RESEAL/RECOAT AC DUCT | | | | | | REPAIR SELECT | | | |
| | | | | | KE | SEA | L/RECOAT WALL | | | |
| DRAINAGE | REPAIRS NEEDED | | | | | | | | RATING | 7 |
| 2.0 0.102 | REPAIRS NEEDED ADD/ENHANCE CRICKETS | | | | ADD/EI | 1AH | NCE OVERFLOW | | 70 | |
| | ADD/ENHANCE CRICKETS CLEAR DRAINS | | | | ADD GUTTER | | | | | |
| | GUTTER REPAIR NEEDED | | | | GUTTER COATING NEEDED | | | | | |
| PENETRATION | REPAIRS NEEDED | | | | | | | | RATING | 7 |
| | | RES | EAL/REPAIR ALL | | RES | EAL/ | REPAIR SELECT | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| MAINTENANCE | | | DRAINS CLEAN | | KE | EP G | GUTTERS CLEAN | ✓ | | |
| | | | UNTIL REROOF OOF OF DEBRIS | | Н/ | /A C I | TRIM TREES REPAIR NEEDED | | | |
| | | | AT SUSPECTED | | | | NG ROOF EDGE | V | | |
| LEAKS | | | ENCE OF LEAKS | | YES | | NO | _ | | |
| ROOF CONDITIO | ON - OVERALL SY: | STEN | A RATING | | _ | | | | | |
| VERY POOR | | 012. | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | _ | REPLACE OR C | COAT | · · IMMEDIATELY - S | SPOT | Γ REPAIRS ONLY | |
| POOR | | | | | REPLACE OR (| COAT | Γ IN 1-2 YEARS - S | SPOT | Γ REPAIRS ONLY | |
| FAIR | | | | | | | | | | |
| MARGINAL | | | | | REPLACE OR COAT IN 5-10 YEARS | | | | | |
| GOOD | | | | REPLACE OR COAT IN 10-15 YEARS | | | | | | |
| EXCELLENT | | | | C | NLY | IF ROOF IS LESS | THA | AN 5 YEARS OLD | | |
| BUDGET ESTIMATES | | | | | | | | | | |
| | IN | MMEI | DIATE REPAIRS A | S RE | ECOMMENDED | | | | \$(| 0.00 |
| | TIVE | MAINENANCE | | | | \$1,500 | 0.00 | | | |

ROOF RECOATING

ROOF REPLACEMENT

An aerial view of the buildings.



An overview photo from the roof level.



The photo below shows the metal roofs have no signs of fastener/sealant failure.



The photo below shows some rust around the roof perimeter edge/fascia.



| BUILDING INFORMATION | | | | | | |
|----------------------|--------------------|--|--|--|--|--|
| FACILITY | Overfelt APO | | | | | |
| DATE | July 16, 2014 | | | | | |
| BUILDING | P4, P5, P6, P7, T2 | | | | | |
| ROOF SQ FT | 5,500 | | | | | |
| | | | | | | |



\$55,000.00

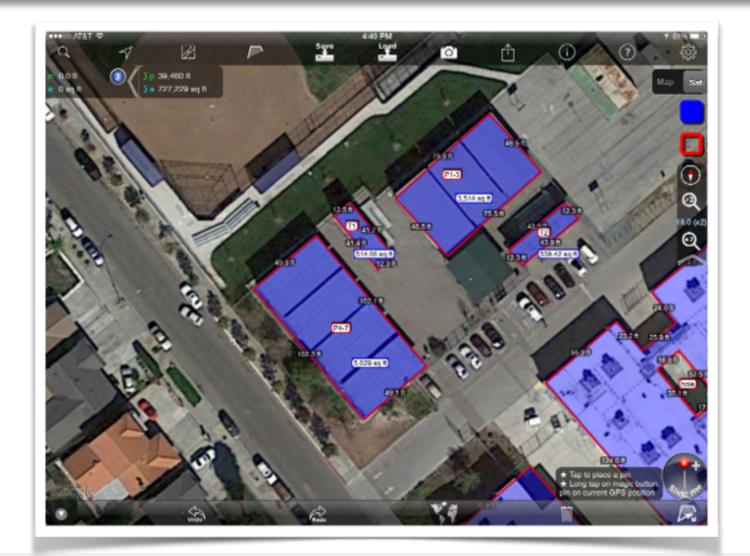
\$0.00

| BUILDING | P4, P5, P6, P7, T2 | | | | | | | E N G I N E E R I N G ENGINEERING SERVICES FOR THE BUILDING ENVELOPE | | | |
|------------------------------|----------------------|--------------|-----------------------------|-------------------------------|------------------------------|-----------------|--------------------------------|--|----------------|------|--|
| ROOF SQ FT | 5,500 | | | | | | | _ | | | |
| ROOF CONSTRU | JCTION | | | | | | | | | | |
| ROOF AGE | 2007 | ⋖ | 0-5 YEARS | | 5-10 YEARS | | 10-15 YEARS | | 15+ YEARS | | |
| WARRANTY | UNKNOWN | \ | 10 YEAR | | 15 YEAR | | 20 YEAR | | 30 YEAR | | |
| 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 | | FOAM | | |
| MEM SURFACE | COATING | | MS CAP | | GRAVEL | | SMOOTH | | | | |
| FLASHINGS | CAPSHEET | | | | | | | | | | |
| DRAINAGE | JOSAM | | SCUPPERS | | GUTTERS | ✓ | OVER EDGE | | | | |
| SLOPE | NONE | | 1:12 | ✓ | 2:12 | | 3:12 | | | | |
| ROOF CONDITIO | ON - RATINGS (1-1 | d RECOMMENDA | OITA | NS | | | | | # | | |
| FIELD | | RE | PAIRS NEEDED | | | | | | RATING | 8 | |
| | | | 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 | | | | | | RATING | 8 | |
| | F | ILL P | ONDING AREAS | | FIX | (DEC | CK DEFLECTION | | | | |
| | | | | | | | | | | | |
| E | | | | | | | | | D.171110 | | |
| FLASHING | | | PAIRS NEEDED | | DEC | ⊏ ∧ 1 // | | | RATING | 8 | |
| | | | EAL/REPAIR ALL COAT AC DUCT | | | | REPAIR SELECT _/RECOAT WALL | | | | |
| | NEOLF | \L/ \L | .00A1 A0 D001 | | | .OLAI | INLOOM WALL | | | | |
| DRAINAGE | REPAIRS NEEDED | | | | | | | | RATING | 7 | |
| | ADD/E | ENHA | NCE CRICKETS | | ADD/ENHANCE OVERFLOW | | | | | | |
| | | | CLEAR DRAINS | | ADD GUTTER | | | | | | |
| | GUTT | ER R | EPAIR NEEDED | | GUTTER COATING NEEDED | | | | | | |
| PENETRATION | REPAIRS NEEDED | | | | | | | | RATING | 8 | |
| | RESEAL/REPAIR ALL | | | | RESEAL/REPAIR SELECT | | | | | | |
| | | | | | | | | | | | |
| MAINTENANCE | k | (FFP | DRAINS CLEAN | | KE | EP G | UTTERS CLEAN | | | | |
| WITH TENTH OF | | | UNTIL REROOF | | NE. | | TRIM TREES | | | | |
| | CLEAR ROOF OF DEBRIS | | | | HV | /AC F | REPAIR NEEDED | | | | |
| | F | IAZM | AT SUSPECTED | | | | | | | | |
| LEAKS | E | EVIDE | ENCE OF LEAKS | | YES | | NO | \ | | | |
| ROOF CONDITIO | ON - OVERALL SY | STEM | 1 RATING | | | | | | | | |
| VERY POOR | | | | | REPLACE OR C | COAT | IMMEDIATELY - | SPO | T REPAIRS ONLY | | |
| POOR | | | | | REPLACE OR (| COAT | IN 1-2 YEARS - | SPO | T REPAIRS ONLY | | |
| FAIR | | | | | REPLACE OR COAT IN 3-5 YEARS | | | | | | |
| MARGINAL | | | | REPLACE OR COAT 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 | | |
| BUDGET ESTIMATES | | | | | | | | | | | |
| | IN | | DIATE REPAIRS A | | | | | | | 0.00 | |
| YEARLY PREVENTIVE MAINENANCE | | | | | | | | | \$1,500 | 0.00 | |

ROOF RECOATING

ROOF REPLACEMENT

An aerial view of the buildings.



An overview photo from the roof level.



The photo below shows the metal roofs have no signs of fastener/sealant failure.



The photo below shows the metal roofs have no signs of rust in the field.

