



iRoofA™

Instant Roof Framing Analysis

iRoofA™ Features

- Automated Roof Structural reports for Residential and C&I. Easy to use online platform.
- As fast as 3 to 5 hour turnaround time for sealed report and plan set. Upload your plans and photos - we review / sign / seal.
- Absolute lowest fees in the Residential PV industry.
- PE Licenses in all 50 states and US Virgin Islands.
- Electrical calculations including wire and breaker sizing.
- Tens of thousands of products in our database
- AutoCAD™ integration. Automatically insert: project data, owner and location information,
 - key maps, structural notes, inverters, electrical calculation tables, wire and breaker sizes,
 - and product cut sheets and more.
- Automatic BOM's. Post Installation Affidavits and select state construction permits.
- API integration with CRM for automated job creation.
- Patented Globally

Use the online iRooFA™ platform to upload your plan-set with the proposed array on the roof structure and PV equipment details and we do the rest. Even use your tablet or smartphone to submit projects from the field!

For one low fee per project iRooFA™ gives you:

- ▶ Error checking on your plan set's framing and electrical designs
- ▶ Review of your plans for structural upgrades, code conformance and electrical design
- ▶ iRooFA™ structural engineering report with our Professional Engineer's Seal AND e-Signature
- ▶ Our Professional Engineer's Seal AND e-Signature on your Plan Set
- ▶ Completed standard building permit forms

iRooFA™ Instantly

- ▶ Tells you if the roof can support a PV solar installation
- ▶ Identifies problems and tells you how to strengthen a weak roof
- ▶ Specifies minimum racking lag bolt requirements
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Use iRooFA™ as a design tool performing different layout trials to minimize any required supplemental roof structure.

Deliverables

- ▶ The iRooFA™ structural engineering report is signed / sealed / eSigned by our licensed Professional Engineers.
- ▶ Your structural AND electrical plans are reviewed then signed / sealed / eSigned by our licensed Professional Engineers.
- ▶ Standard building permit forms are automatically filled in by iRooFA™.
- ▶ We also offer Post Installation document review and certifications.

iRooFA™



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